	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	AHRI Number	Outdoor - Model Number	Indoor Unit - Model Number	Furnace - Model Number	SEER2	Brand	Efficiency	Stages	Motor Type	Heating (BTUH)	Ton Drive	Series	Width	Position	Coil and Furnace Match ?
2	208573444	WA14AZ18AJ1N	RCFZ2417STANM+RXMD-C04		14.3										
3	209446875	WA14AZ18AJ1N	RCFZ2421MTANM+RXMD-C04		14.3										
4	209446876	WA14AZ18AJ1N	RCFZ2417MTANM+RXMD-C04		14.3										
5	209446877	WA14AZ18AJ1N	RCFZ2414STAAM+RXMD-C04		14.3										
6	209446897	WA14AZ24AJ1N	RCFZ2414STAAM+RXMD-C03		14.3										
7	209446898	WA14AZ24AJ1N	RCFZ2421MTANM+RXMD-C03		14.3										
8	209446899	WA14AZ24AJ1N	RCFZ2417MTANM+RXMD-C03		14.3										
9	209446900	WA14AZ24AJ1N	RCFZ2417STANM+RXMD-C03		14.3										
10	209446924	WA14AZ30AJ1N	RCFZ3617STANM+RXMD-C03		14.3										
11	209446925	WA14AZ30AJ1N	RCFZ3624MTANM+RXMD-C03		14.3										
12	209446926	WA14AZ30AJ1N	RCFZ3621MTAAM+RXMD-C03		14.3										
13	209446945	WA14AZ36AJ1N	RCFZ3617STANM+RXMD-C03		14.3										
14	209446946	WA14AZ36AJ1N	RCFZ3624MTANM+RXMD-C03		14.3										
15	209446947	WA14AZ36AJ1N	RCFZ3621MTAAM+RXMD-C03		15.2										
16	209446967	WA14AZ42AJ1N	RCFZ4824MTANM+RXMD-C03		14.3										
17	209446968	WA14AZ42AJ1N	RCFZ4821STAAM+RXMD-C03		14.3										
18	209446969	WA14AZ42AJ1N	RCFZ4824STANM+RXMD-C03		14.3										
19	209446970	WA14AZ42AJ1N	RCFZ4821STANM+RXMD-C03		14.3										
20	209446993	WA14AZ48AJ1N	RCFZ4821STANM+RXMD-C03		13.8										
21	209446994	WA14AZ48AJ1N	RCFZ4821STAAM+RXMD-C03		13.8										
22	208573450	WA14AZ60AJ1N	RCFZ6024STANM+RXMD-C04		13.8										
23	209438859	WA14AZ18AJ1N	RCFZ2414STAAM	R801V0503A14UH	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	100% Cabinet Match
24	209438862	WA14AZ18AJ1N	RCFZ2414STAAM	R802V0503A14UH	14.3	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	100% Cabinet Match
25	209438860	WA14AZ18AJ1N	RCFZ2417MTANM	R801V0503A14UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
26	209438861	WA14AZ18AJ1N	RCFZ2417MTANM	R802V0503A14UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
27	209429609	WA14AZ18AJ1N	RCFZ2417STANM	R801V0503A14UH	16	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
28	209429610	WA14AZ18AJ1N	RCFZ2417STANM	R802V0503A14UH	16	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
29	209438867	WA14AZ18AJ1N	RCFZ2417MTANM	R802V0754A17UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
30	209429612	WA14AZ18AJ1N	RCFZ2417STANM	R802V0754A17UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
31	209438864	WA14AZ18AJ1N	RCFZ2421MTANM	R802V0754A17UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
32	209438956	WA14AZ24AJ1N	RCFZ2414STAAM	R801V0503A14UH	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	100% Cabinet Match
33	209438951	WA14AZ24AJ1N	RCFZ2414STAAM	R802V0503A14UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	100% Cabinet Match
34	209438952	WA14AZ24AJ1N	RCFZ2417MTANM	R801V0503A14UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
35	209438949	WA14AZ24AJ1N	RCFZ2417MTANM	R802V0503A14UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
36	209429925	WA14AZ24AJ1N	RCFZ2417STANM	R801V0503A14UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
37	209429926	WA14AZ24AJ1N	RCFZ2417STANM	R802V0503A14UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
38	209438960	WA14AZ24AJ1N	RCFZ2417MTANM	R801V0754A17UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
39	209438959	WA14AZ24AJ1N	RCFZ2417MTANM	R802V0754A17UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
40	209429922	WA14AZ24AJ1N	RCFZ2417STANM	R801V0754A17UH	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
41	209429924	WA14AZ24AJ1N	RCFZ2417STANM	R802V0754A17UH	16	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
42	209438961	WA14AZ24AJ1N	RCFZ2421MTANM	R801V0754A17UH	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
43	209438962	WA14AZ24AJ1N	RCFZ2421MTANM	R802V0754A17UH	16	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
44	209429983	WA14AZ30AJ1N	RCFZ3617STANM	R801V0503A14UH	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
45	209429982	WA14AZ30AJ1N	RCFZ3617STANM	R802V0503A14UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
46	209939558	WA14AZ30AJ1N	RCFZ3617STANM	R801T0754A17UH	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
47	209939562	WA14AZ30AJ1N	RCFZ3621MTAAM	R801T0754A17UH	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	17	UH - Upflow Horizontal	0
48	209439075	WA14AZ30AJ1N	RCFZ3621STANM	R801V0754A17UH	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
49	209439073	WA14AZ30AJ1N	RCFZ3621STANM	R802V0754A17UH	14.3	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
50	209429659	WA14AZ30AJ1N	RCFZ3617STANM	R801V0754A17UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
51	209429660	WA14AZ30AJ1N	RCFZ3617STANM	R802V0754A17UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
52	209939564	WA14AZ30AJ1N	RCFZ3621MTAAM	R801T0754A21UH	16	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	100% Cabinet Match
53	209439077	WA14AZ30AJ1N	RCFZ3621MTAAM	R801V0754A17UH	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
54	209439078	WA14AZ30AJ1N	RCFZ3621MTAAM	R802V0754A17UH	16	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
55	209939566	WA14AZ30AJ1N	RCFZ3624MTANM	R801T0754A21UH	16	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	0
56	209430024	WA14AZ36AJ1N	RCFZ3617STANM	R801V0503A14UH	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
57	209430020	WA14AZ36AJ1N	RCFZ3617STANM	R802V0503A14UH	14.3	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
58	209939642	WA14AZ36AJ1N	RCFZ3621MTAAM	R801T0754A17UH	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	17	UH - Upflow Horizontal	0
59	209939638	WA14AZ36AJ1N	RCFZ3617STANM	R801T0754A17UH	15.2	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
60	209430021	WA14AZ36AJ1N	RCFZ3617STANM	R801V0754A17UH	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
61	209430022	WA14AZ36AJ1N	RCFZ3617STANM	R802V0754A17UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
62	209439183	WA14AZ36AJ1N	RCFZ3621STANM	R801V0754A17UH	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
63	209439190	WA14AZ36AJ1N	RCFZ3621STANM	R801V0755A21UH	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
64	209439180	WA14AZ36AJ1N	RCFZ3621STANM	R802V0754A17UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
65	209439174	WA14AZ36AJ1N	RCFZ3621STANM	R802V0755A21UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
66	209439189	WA14AZ36AJ1N	RCFZ3621MTAAM	R801V0754A17UH	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
67	209439181	WA14AZ36AJ1N	RCFZ3621MTAAM	R801V0755A21UH	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
68	209439188	WA14AZ36AJ1N	RCFZ3621MTAAM	R802V0754A17UH	16	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
69	209439185	WA14AZ36AJ1N	RCFZ3621MTAAM	R802V0755A21UH	16	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
70	209939771	WA14AZ42AJ1N	RCFZ4824MTANM	R801T1255A24UH	14.3	Rheem	80% Afue	1	T - Constant Torque	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
71	209939779	WA14AZ42AJ1N	RCFZ4824STANM	R801T1255A24UH	14.3	Rheem	80% Afue	1	T - Constant Torque	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
72	209439346	WA14AZ42AJ1N	RCFZ4824MTANM	R802V1255A24UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
73	209439337	WA14AZ42AJ1N	RCFZ4824STANM	R802V1255A24UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
74	209439341	WA14AZ42AJ1N	RCFZ4824MTANM	R802V1505A24UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	150,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
75	209439345	WA14AZ42AJ1N	RCFZ4824STANM	R802V1505A24UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	150,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
76	209429710	WA14AZ42AJ1N	RCFZ4821STANM	R801V0754A17UH	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
77	209429711	WA14AZ42AJ1N	RCFZ4821STANM	R801V0755A21UH	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
78	209939765	WA14AZ42AJ1N	RCFZ4824MTANM	R801T0754A21UH	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	0
79	209939773	WA14AZ42AJ1N	RCFZ4824STANM	R801T0754A21UH	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	0
80	209429717	WA14AZ42AJ1N	RCFZ4821STANM	R802V0754A17UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
81	209429718	WA14AZ42AJ1N	RCFZ4821STANM	R802V0755A21UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
82	209439347	WA14AZ42AJ1N	RCFZ4821STAAM	R801V0754A17UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
83	209439333	WA14AZ42AJ1N	RCFZ4821STAAM	R801V0755A21UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
84	209439348	WA14AZ42AJ1N	RCFZ4821STAAM	R802V0754A17UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
85	209439336	WA14AZ42AJ1N	RCFZ4821STAAM	R802V0755A21UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
86	209939755	WA14AZ42AJ1N	RCFZ4821STANM	R801T0754A21UH	15.5	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	100% Cabinet Match
87	209939745	WA14AZ42AJ1N	RCFZ4821STAAM	R801T0754A21UH	16	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	100% Cabinet Match
88	209939917	WA14AZ48AJ1N	RCFZ4824MTANM	R801T1255A24UH	13.8	Rheem	80% Afue	1	T - Constant Torque	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
89	209439490	WA14AZ48AJ1N	RCFZ4824MTANM	R802V1255A24UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
90	209939929	WA14AZ48AJ1N	RCFZ4824STANM	R801T1255A24UH	13.8	Rheem	80% Afue	1	T - Constant Torque	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
91	209439478	WA14AZ48AJ1N	RCFZ4824STANM	R802V1255A24UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
92	209439483	WA14AZ48AJ1N	RCFZ4824MTANM	R802V1505A24UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	150,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
93	209439482	WA14AZ48AJ1N	RCFZ4824STANM	R802V1505A24UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	150,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
94	209939887	WA14AZ48AJ1N	RCFZ4821STAAM	R801T0754A21UH	13.8	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	100% Cabinet Match
95	209439489	WA14AZ48AJ1N	RCFZ4821STAAM	R801V0754A17UH	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
96	209439479	WA14AZ48AJ1N	RCFZ4821STAAM	R801V0755A21UH	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
97	209439488	WA14AZ48AJ1N	RCFZ4821STAAM	R802V0754A17UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
98	209439485	WA14AZ48AJ1N	RCFZ4821STAAM	R802V0755A21UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
99	209939897	WA14AZ48AJ1N	RCFZ4821STANM	R801T0754A21UH	13.8	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	100% Cabinet Match
100	209429795	WA14AZ48AJ1N	RCFZ4821STANM	R801V0754A17UH	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
101	209429800	WA14AZ48AJ1N	RCFZ4821STANM	R801V0755A21UH	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
102	209429802	WA14AZ48AJ1N	RCFZ4821STANM	R802V0754A17UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
103	209429796	WA14AZ48AJ1N	RCFZ4821STANM	R802V0755A21UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
104	209939907	WA14AZ48AJ1N	RCFZ4824MTANM	R801T0754A21UH	13.8	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	0
105	209939919	WA14AZ48AJ1N	RCFZ4824STANM	R801T0754A21UH	13.8	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	0
106	209429874	WA14AZ60AJ1N	RCFZ6024STANM	R802V1255A24UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
107	209429876	WA14AZ60AJ1N	RCFZ6024STANM	R802V1505A24UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	150,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
108	209939481	WA14AZ18AJ1N	RCFZ2417STANM	R801T0503A14UHN	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalN	0
109	209939505	WA14AZ24AJ1N	RCFZ2417STANM	R801T0503A14UHN	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalN	0
110	209939552	WA14AZ30AJ1N	RCFZ3617STANM	R801T0503A14UHN	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalN	0
111	209939648	WA14AZ36AJ1N	RCFZ3621MTAAM	R801T1005A21UHN	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	100% Cabinet Match
112	209939656	WA14AZ36AJ1N	RCFZ3624MTANM	R801T1005A21UHN	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	0
113	209939634	WA14AZ36AJ1N	RCFZ3617STANM	R801T0503A14UHN	15.5	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalN	0
114	209939767	WA14AZ42AJ1N	RCFZ4824MTANM	R801T1005A21UHN	14.3	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	0
115	209939775	WA14AZ42AJ1N	RCFZ4824STANM	R801T1005A21UHN	14.3	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	0
116	209939761	WA14AZ42AJ1N	RCFZ4821STANM	R801T1005A21UHN	15.5	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	100% Cabinet Match
117	209939751	WA14AZ42AJ1N	RCFZ4821STAAM	R801T1005A21UHN	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	100% Cabinet Match
118	209939893	WA14AZ48AJ1N	RCFZ4821STAAM	R801T1005A21UHN	13.8	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	100% Cabinet Match
119	209939903	WA14AZ48AJ1N	RCFZ4821STANM	R801T1005A21UHN	13.8	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	100% Cabinet Match
120	209939913	WA14AZ48AJ1N	RCFZ4824MTANM	R801T1005A21UHN	13.8	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	0
121	209939925	WA14AZ48AJ1N	RCFZ4824STANM	R801T1005A21UHN	13.8	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	0
122	209939483	WA14AZ18AJ1N	RCFZ2417STANM	R801T0503A14UHS	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalS	0
123	209939507	WA14AZ24AJ1N	RCFZ2417STANM	R801T0503A14UHS	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalS	0
124	209939554	WA14AZ30AJ1N	RCFZ3617STANM	R801T0503A14UHS	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalS	0
125	209939650	WA14AZ36AJ1N	RCFZ3621MTAAM	R801T1005A21UHS	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	100% Cabinet Match
126	209939658	WA14AZ36AJ1N	RCFZ3624MTANM	R801T1005A21UHS	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	0
127	209939636	WA14AZ36AJ1N	RCFZ3617STANM	R801T0503A14UHS	15.5	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalS	0
128	209939769	WA14AZ42AJ1N	RCFZ4824MTANM	R801T1005A21UHS	14.3	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	0
129	209939777	WA14AZ42AJ1N	RCFZ4824STANM	R801T1005A21UHS	14.3	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	0
130	209939763	WA14AZ42AJ1N	RCFZ4821STANM	R801T1005A21UHS	15.5	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	100% Cabinet Match
131	209939753	WA14AZ42AJ1N	RCFZ4821STAAM	R801T1005A21UHS	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	100% Cabinet Match
132	209939895	WA14AZ48AJ1N	RCFZ4821STAAM	R801T1005A21UHS	13.8	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	100% Cabinet Match
133	209939905	WA14AZ48AJ1N	RCFZ4821STANM	R801T1005A21UHS	13.8	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	100% Cabinet Match
134	209939915	WA14AZ48AJ1N	RCFZ4824MTANM	R801T1005A21UHS	13.8	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	0
135	209939927	WA14AZ48AJ1N	RCFZ4824STANM	R801T1005A21UHS	13.8	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	0
136	209939991	WA14AZ18AJ1N	RCFZ2417STANM	R921T0403A17M4S	15.5	Rheem	92% Afue	1	T - Constant Torque	40,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
137	209940019	WA14AZ18AJ1N	RCFZ2417STANM	R951T0403A17M4S	15.5	Rheem	95% Afue	1	T - Constant Torque	40,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
138	209939993	WA14AZ18AJ1N	RCFZ2417STANM	R921T0603A17M4S	15.2	Rheem	92% Afue	1	T - Constant Torque	60,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
139	209940021	WA14AZ18AJ1N	RCFZ2417STANM	R951T0603A17M4S	15.2	Rheem	95% Afue	1	T - Constant Torque	60,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
140	209939995	WA14AZ18AJ1N	RCFZ2417STANM	R921V0603A17M4S	16	Rheem	92% Afue	1	V - ECM Variable Speed	60,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
141	209940023	WA14AZ18AJ1N	RCFZ2417STANM	R951V0603A17M4S	16	Rheem	95% Afue	1	V - ECM Variable Speed	60,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
142	209939997	WA14AZ18AJ1N	RCFZ2417STANM	R921V0703A17M4S	16	Rheem	92% Afue	1	V - ECM Variable Speed	70,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
143	209940025	WA14AZ18AJ1N	RCFZ2417STANM	R951V0703A17M4S	16	Rheem	95% Afue	1	V - ECM Variable Speed	70,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
144	209940051	WA14AZ24AJ1N	RCFZ2417STANM	R921T0403A17M4S	16	Rheem	92% Afue	1	T - Constant Torque	40,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
145	209940086	WA14AZ24AJ1N	RCFZ2417STANM	R951T0403A17M4S	16	Rheem	95% Afue	1	T - Constant Torque	40,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
146	209940057	WA14AZ24AJ1N	RCFZ2417STANM	R921V0603A17M4S	15.5	Rheem	92% Afue	1	V - ECM Variable Speed	60,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
147	209940092	WA14AZ24AJ1N	RCFZ2417STANM	R951V0603A17M4S	15.5	Rheem	95% Afue	1	V - ECM Variable Speed	60,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
148	209940053	WA14AZ24AJ1N	RCFZ2417STANM	R921T0603A17M4S	16	Rheem	92% Afue	1	T - Constant Torque	60,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
149	209940088	WA14AZ24AJ1N	RCFZ2417STANM	R951T0603A17M4S	16	Rheem	95% Afue	1	T - Constant Torque	60,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
150	209940055	WA14AZ24AJ1N	RCFZ2417STANM	R921T0703A17M4S	15.2	Rheem	92% Afue	1	T - Constant Torque	70,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
151	209940090	WA14AZ24AJ1N	RCFZ2417STANM	R951T0703A17M4S	15.2	Rheem	95% Afue	1	T - Constant Torque	70,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
152	209940059	WA14AZ24AJ1N	RCFZ2417STANM	R921V0703A17M4S	15.5	Rheem	92% Afue	1	V - ECM Variable Speed	70,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
153	209940094	WA14AZ24AJ1N	RCFZ2417STANM	R951V0703A17M4S	15.5	Rheem	95% Afue	1	V - ECM Variable Speed	70,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
154	209940133	WA14AZ30AJ1N	RCFZ3617STANM	R921T0403A17M4S	15.5	Rheem	92% Afue	1	T - Constant Torque	40,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
155	209940189	WA14AZ30AJ1N	RCFZ3617STANM	R951T0403A17M4S	15.5	Rheem	95% Afue	1	T - Constant Torque	40,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
156	209940139	WA14AZ30AJ1N	RCFZ3621MTAAM	R921T0403A17M4S	16	Rheem	92% Afue	1	T - Constant Torque	40,000	3	A	17	M4 - Multi4 Way	0
157	209940195	WA14AZ30AJ1N	RCFZ3621MTAAM	R951T0403A17M4S	16	Rheem	95% Afue	1	T - Constant Torque	40,000	3	A	17	M4 - Multi4 Way	0
158	209940135	WA14AZ30AJ1N	RCFZ3617STANM	R921V0603A17M4S	14.3	Rheem	92% Afue	1	V - ECM Variable Speed	60,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
159	209940191	WA14AZ30AJ1N	RCFZ3617STANM	R951V0603A17M4S	14.3	Rheem	95% Afue	1	V - ECM Variable Speed	60,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
160	209940141	WA14AZ30AJ1N	RCFZ3621MTAAM	R921T0603A17M4S	16	Rheem	92% Afue	1	T - Constant Torque	60,000	3	A	17	M4 - Multi4 Way	0
161	209940145	WA14AZ30AJ1N	RCFZ3621MTAAM	R921V0603A17M4S	16	Rheem	92% Afue	1	V - ECM Variable Speed	60,000	3	A	17	M4 - Multi4 Way	0
162	209940197	WA14AZ30AJ1N	RCFZ3621MTAAM	R951T0603A17M4S	16	Rheem	95% Afue	1	T - Constant Torque	60,000	3	A	17	M4 - Multi4 Way	0
163	209940201	WA14AZ30AJ1N	RCFZ3621MTAAM	R951V0603A17M4S	16	Rheem	95% Afue	1	V - ECM Variable Speed	60,000	3	A	17	M4 - Multi4 Way	0
164	209940137	WA14AZ30AJ1N	RCFZ3617STANM	R921V0703A17M4S	15.2	Rheem	92% Afue	1	V - ECM Variable Speed	70,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
165	209940193	WA14AZ30AJ1N	RCFZ3617STANM	R951V0703A17M4S	15.2	Rheem	95% Afue	1	V - ECM Variable Speed	70,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
166	209940143	WA14AZ30AJ1N	RCFZ3621MTAAM	R921T0703A17M4S	15.5	Rheem	92% Afue	1	T - Constant Torque	70,000	3	A	17	M4 - Multi4 Way	0
167	209940199	WA14AZ30AJ1N	RCFZ3621MTAAM	R951T0703A17M4S	15.5	Rheem	95% Afue	1	T - Constant Torque	70,000	3	A	17	M4 - Multi4 Way	0
168	209940147	WA14AZ30AJ1N	RCFZ3621MTAAM	R921V0703A17M4S	16	Rheem	92% Afue	1	V - ECM Variable Speed	70,000	3	A	17	M4 - Multi4 Way	0
169	209940203	WA14AZ30AJ1N	RCFZ3621MTAAM	R951V0703A17M4S	16	Rheem	95% Afue	1	V - ECM Variable Speed	70,000	3	A	17	M4 - Multi4 Way	0
170	209940269	WA14AZ36AJ1N	RCFZ3617STANM	R921T0603A17M4S	14.3	Rheem	92% Afue	1	T - Constant Torque	60,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
171	209940271	WA14AZ36AJ1N	RCFZ3617STANM	R921V0603A17M4S	14.3	Rheem	92% Afue	1	V - ECM Variable Speed	60,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
172	209940275	WA14AZ36AJ1N	RCFZ3621MTAAM	R921T0603A17M4S	15.5	Rheem	92% Afue	1	T - Constant Torque	60,000	3	A	17	M4 - Multi4 Way	0
173	209940273	WA14AZ36AJ1N	RCFZ3617STANM	R921V0703A17M4S	14.3	Rheem	92% Afue	1	V - ECM Variable Speed	70,000	3	A	17	M4 - Multi4 Way	100% Cabinet Match
174	209439173	WA14AZ36AJ1N	RCFZ3621STANM	R962V0703A17M4	14.3	Rheem	96% Afue	2	V - ECM Variable Speed	70,000	3	A	17	M4 - Multi4 Way	0
175	209439175	WA14AZ36AJ1N	RCFZ3621STANM	R962V0705A21M4	14.3	Rheem	96% Afue	2	V - ECM Variable Speed	70,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
176	209439349	WA14AZ42AJ1N	RCFZ4821STAAM	R962V1005A21M4	15.2	Rheem	96% Afue	2	V - ECM Variable Speed	100,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
177	209439343	WA14AZ42AJ1N	RCFZ4824MTANM	R962V1155A24M4	14.3	Rheem	96% Afue	2	V - ECM Variable Speed	115,000	5	A	24	M4 - Multi4 Way	100% Cabinet Match
178	209439339	WA14AZ42AJ1N	RCFZ4824STANM	R962V1155A24M4	14.3	Rheem	96% Afue	2	V - ECM Variable Speed	115,000	5	A	24	M4 - Multi4 Way	100% Cabinet Match
179	209439332	WA14AZ42AJ1N	RCFZ4821STAAM	R962V0705A21M4	15.2	Rheem	96% Afue	2	V - ECM Variable Speed	70,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
180	209439334	WA14AZ42AJ1N	RCFZ4821STAAM	R962V0855A21M4	15.2	Rheem	96% Afue	2	V - ECM Variable Speed	85,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
181	209439487	WA14AZ48AJ1N	RCFZ4821STAAM	R962V1005A21M4	13.8	Rheem	96% Afue	2	V - ECM Variable Speed	100,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
182	209439476	WA14AZ48AJ1N	RCFZ4824MTANM	R962V1155A24M4	13.8	Rheem	96% Afue	2	V - ECM Variable Speed	115,000	5	A	24	M4 - Multi4 Way	100% Cabinet Match
183	209439491	WA14AZ48AJ1N	RCFZ4824STANM	R962V1155A24M4	13.8	Rheem	96% Afue	2	V - ECM Variable Speed	115,000	5	A	24	M4 - Multi4 Way	100% Cabinet Match
184	209439475	WA14AZ48AJ1N	RCFZ4821STAAM	R962V0705A21M4	13.8	Rheem	96% Afue	2	V - ECM Variable Speed	70,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
185	209439474	WA14AZ48AJ1N	RCFZ4821STAAM	R962V0855A21M4	13.8	Rheem	96% Afue	2	V - ECM Variable Speed	85,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
186	209438870	WA14AZ18AJ1N	RCFZ2414STAAM	R801V0503A14DZ	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	DZ - Downflow Zero Clearance	100% Cabinet Match
187	209939479	WA14AZ18AJ1N	RCFZ2417STANM	R801T0503A14DZ	15.2	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	DZ - Downflow Zero Clearance	0
188	209438869	WA14AZ18AJ1N	RCFZ2417MTANM	R801V0503A14DZ	16	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	DZ - Downflow Zero Clearance	0
189	209429614	WA14AZ18AJ1N	RCFZ2417STANM	R801V0503A14DZ	16	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	DZ - Downflow Zero Clearance	0
190	209438868	WA14AZ18AJ1N	RCFZ2417MTANM	R801V0754A17DZ	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	100% Cabinet Match
191	209429613	WA14AZ18AJ1N	RCFZ2417STANM	R801V0754A17DZ	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	100% Cabinet Match
192	209438865	WA14AZ18AJ1N	RCFZ2421MTANM	R801V0754A17DZ	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	0
193	209438950	WA14AZ24AJ1N	RCFZ2414STAAM	R801V0503A14DZ	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	DZ - Downflow Zero Clearance	100% Cabinet Match
194	209438955	WA14AZ24AJ1N	RCFZ2417MTANM	R801V0503A14DZ	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	DZ - Downflow Zero Clearance	0
195	209939503	WA14AZ24AJ1N	RCFZ2417STANM	R801T0503A14DZ	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	DZ - Downflow Zero Clearance	0
196	209429927	WA14AZ24AJ1N	RCFZ2417STANM	R801V0503A14DZ	16	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	DZ - Downflow Zero Clearance	0
197	209438953	WA14AZ24AJ1N	RCFZ2417MTANM	R801V0754A17DZ	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	100% Cabinet Match
198	209939509	WA14AZ24AJ1N	RCFZ2417STANM	R801T0753A17DZ	16	Rheem	80% Afue	1	T - Constant Torque	75,000	3	A	17	DZ - Downflow Zero Clearance	100% Cabinet Match
199	209429923	WA14AZ24AJ1N	RCFZ2417STANM	R801V0754A17DZ	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	100% Cabinet Match
200	209438957	WA14AZ24AJ1N	RCFZ2421MTANM	R801V0754A17DZ	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	0
201	209429658	WA14AZ30AJ1N	RCFZ3617STANM	R801V0503A14DZ	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	DZ - Downflow Zero Clearance	0
202	209939550	WA14AZ30AJ1N	RCFZ3617STANM	R801T0503A14DZ	15.5	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	DZ - Downflow Zero Clearance	0
203	209439076	WA14AZ30AJ1N	RCFZ3621STANM	R801V0754A17DZ	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	0
204	209429657	WA14AZ30AJ1N	RCFZ3617STANM	R801V0754A17DZ	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	100% Cabinet Match
205	209939556	WA14AZ30AJ1N	RCFZ3617STANM	R801T0753A17DZ	15.5	Rheem	80% Afue	1	T - Constant Torque	75,000	3	A	17	DZ - Downflow Zero Clearance	100% Cabinet Match
206	209939560	WA14AZ30AJ1N	RCFZ3621MTAAM	R801T0753A17DZ	16	Rheem	80% Afue	1	T - Constant Torque	75,000	3	A	17	DZ - Downflow Zero Clearance	0
207	209439079	WA14AZ30AJ1N	RCFZ3621MTAAM	R801V0754A17DZ	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
208	209439179	WA14AZ36AJ1N	RCFZ3621STANM	R801V1005A21DZ	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	100,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
209	209939654	WA14AZ36AJ1N	RCFZ3624MTANM	R801T1005A21DZ	15.5	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	DZ - Downflow Zero Clearance	0
210	209939646	WA14AZ36AJ1N	RCFZ3621MTAAM	R801T1005A21DZ	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
211	209439187	WA14AZ36AJ1N	RCFZ3621MTAAM	R801V1005A21DZ	16	Rheem	80% Afue	1	V - ECM Variable Speed	100,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
212	209439184	WA14AZ36AJ1N	RCFZ3624MTANM	R801V1255A24DZ	16	Rheem	80% Afue	1	V - ECM Variable Speed	125,000	5	A	24	DZ - Downflow Zero Clearance	100% Cabinet Match
213	209430025	WA14AZ36AJ1N	RCFZ3617STANM	R801V0503A14DZ	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	DZ - Downflow Zero Clearance	0
214	209939632	WA14AZ36AJ1N	RCFZ3617STANM	R801T0503A14DZ	15.2	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	DZ - Downflow Zero Clearance	0
215	209430023	WA14AZ36AJ1N	RCFZ3617STANM	R801V0754A17DZ	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	100% Cabinet Match
216	209939640	WA14AZ36AJ1N	RCFZ3621MTAAM	R801T0753A17DZ	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	3	A	17	DZ - Downflow Zero Clearance	0
217	209939644	WA14AZ36AJ1N	RCFZ3621MTAAM	R801T0755A21DZ	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
218	209439172	WA14AZ36AJ1N	RCFZ3621STANM	R801V0754A17DZ	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	0
219	209439177	WA14AZ36AJ1N	RCFZ3621STANM	R801V0755A21DZ	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
220	209439182	WA14AZ36AJ1N	RCFZ3621MTAAM	R801V0754A17DZ	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	0
221	209439178	WA14AZ36AJ1N	RCFZ3621MTAAM	R801V0755A21DZ	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
222	209939652	WA14AZ36AJ1N	RCFZ3624MTANM	R801T0755A21DZ	16	Rheem	80% Afue	1	T - Constant Torque	75,000	5	A	21	DZ - Downflow Zero Clearance	0
223	209939759	WA14AZ42AJ1N	RCFZ4821STANM	R801T1005A21DZ	15.2	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
224	209939749	WA14AZ42AJ1N	RCFZ4821STAAM	R801T1005A21DZ	15.5	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
225	209439344	WA14AZ42AJ1N	RCFZ4821STAAM	R801V1005A21DZ	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	100,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
226	209429714	WA14AZ42AJ1N	RCFZ4821STANM	R801V1005A21DZ	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	100,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
227	209439335	WA14AZ42AJ1N	RCFZ4824MTANM	R801V1255A24DZ	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	125,000	5	A	24	DZ - Downflow Zero Clearance	100% Cabinet Match
228	209439340	WA14AZ42AJ1N	RCFZ4824STANM	R801V1255A24DZ	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	125,000	5	A	24	DZ - Downflow Zero Clearance	100% Cabinet Match
229	209939757	WA14AZ42AJ1N	RCFZ4821STANM	R801T0755A21DZ	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
230	209429716	WA14AZ42AJ1N	RCFZ4821STANM	R801V0754A17DZ	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	0
231	209939747	WA14AZ42AJ1N	RCFZ4821STAAM	R801T0755A21DZ	15.2	Rheem	80% Afue	1	T - Constant Torque	75,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
232	209439342	WA14AZ42AJ1N	RCFZ4821STAAM	R801V0754A17DZ	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	0
233	209439338	WA14AZ42AJ1N	RCFZ4821STAAM	R801V0755A21DZ	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
234	209429719	WA14AZ42AJ1N	RCFZ4821STANM	R801V0755A21DZ	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
235	209939891	WA14AZ48AJ1N	RCFZ4821STAAM	R801T1005A21DZ	13.8	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
236	209439477	WA14AZ48AJ1N	RCFZ4821STAAM	R801V1005A21DZ	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	100,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
237	209939901	WA14AZ48AJ1N	RCFZ4821STANM	R801T1005A21DZ	13.8	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
238	209429798	WA14AZ48AJ1N	RCFZ4821STANM	R801V1005A21DZ	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	100,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
239	209939911	WA14AZ48AJ1N	RCFZ4824MTANM	R801T1005A21DZ	13.8	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	DZ - Downflow Zero Clearance	0
240	209939923	WA14AZ48AJ1N	RCFZ4824STANM	R801T1005A21DZ	13.8	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	DZ - Downflow Zero Clearance	0
241	209439486	WA14AZ48AJ1N	RCFZ4824MTANM	R801V1255A24DZ	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	125,000	5	A	24	DZ - Downflow Zero Clearance	100% Cabinet Match
242	209439480	WA14AZ48AJ1N	RCFZ4824STANM	R801V1255A24DZ	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	125,000	5	A	24	DZ - Downflow Zero Clearance	100% Cabinet Match
243	209939889	WA14AZ48AJ1N	RCFZ4821STAAM	R801T0755A21DZ	13.8	Rheem	80% Afue	1	T - Constant Torque	75,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
244	209439484	WA14AZ48AJ1N	RCFZ4821STAAM	R801V0754A17DZ	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	0
245	209439481	WA14AZ48AJ1N	RCFZ4821STAAM	R801V0755A21DZ	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
246	209939899	WA14AZ48AJ1N	RCFZ4821STANM	R801T0755A21DZ	13.8	Rheem	80% Afue	1	T - Constant Torque	75,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
247	209429804	WA14AZ48AJ1N	RCFZ4821STANM	R801V0754A17DZ	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	DZ - Downflow Zero Clearance	0
248	209429803	WA14AZ48AJ1N	RCFZ4821STANM	R801V0755A21DZ	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	DZ - Downflow Zero Clearance	100% Cabinet Match
249	209939909	WA14AZ48AJ1N	RCFZ4824MTANM	R801T0755A21DZ	13.8	Rheem	80% Afue	1	T - Constant Torque	75,000	5	A	21	DZ - Downflow Zero Clearance	0
250	209939921	WA14AZ48AJ1N	RCFZ4824STANM	R801T0755A21DZ	13.8	Rheem	80% Afue	1	T - Constant Torque	75,000	5	A	21	DZ - Downflow Zero Clearance	0
251	209429877	WA14AZ60AJ1N	RCFZ6024STANM	R801V1255A24DZ	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	125,000	5	A	24	DZ - Downflow Zero Clearance	100% Cabinet Match

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	AHRI Number	Outdoor - Model Number	Indoor Unit - Model Number	Furnace - Model Number	SEER2	Brand	Efficiency	Stages	Motor Type	Heating (BTUH)	Ton Drive	Series	Width	Position	Coil and Furnace Match ?
2	208105518	RA14AZ18AJ1N	RCFZ2417STANM+RXMD-C04		14.3										
3	209446872	RA14AZ18AJ1N	RCFZ2421MTANM+RXMD-C04		14.3										
4	209446873	RA14AZ18AJ1N	RCFZ2417MTANM+RXMD-C04		14.3										
5	209446874	RA14AZ18AJ1N	RCFZ2414STAAM+RXMD-C04		14.3										
6	209446893	RA14AZ24AJ1N	RCFZ2414STAAM+RXMD-C03		14.3										
7	209446894	RA14AZ24AJ1N	RCFZ2421MTANM+RXMD-C03		14.3										
8	209446895	RA14AZ24AJ1N	RCFZ2417MTANM+RXMD-C03		14.3										
9	209446896	RA14AZ24AJ1N	RCFZ2417STANM+RXMD-C03		14.3										
10	209446921	RA14AZ30AJ1N	RCFZ3617STANM+RXMD-C03		14.3										
11	209446922	RA14AZ30AJ1N	RCFZ3624MTANM+RXMD-C03		14.3										
12	209446923	RA14AZ30AJ1N	RCFZ3621MTAAM+RXMD-C03		14.3										
13	209446942	RA14AZ36AJ1N	RCFZ3617STANM+RXMD-C03		14.3										
14	209446943	RA14AZ36AJ1N	RCFZ3624MTANM+RXMD-C03		14.3										
15	209446944	RA14AZ36AJ1N	RCFZ3621MTAAM+RXMD-C03		15.2										
16	209446963	RA14AZ42AJ1N	RCFZ4824MTANM+RXMD-C03		14.3										
17	209446964	RA14AZ42AJ1N	RCFZ4821STAAM+RXMD-C03		14.3										
18	209446965	RA14AZ42AJ1N	RCFZ4824STANM+RXMD-C03		14.3										
19	209446966	RA14AZ42AJ1N	RCFZ4821STANM+RXMD-C03		14.3										
20	209446991	RA14AZ48AJ1N	RCFZ4821STANM+RXMD-C03		13.8										
21	209446992	RA14AZ48AJ1N	RCFZ4821STAAM+RXMD-C03		13.8										
22	208105524	RA14AZ60AJ1N	RCFZ6024STANM+RXMD-C04		13.8										
23	209438828	RA14AZ18AJ1N	RCFZ2414STAAM	R801V0503A14UH	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	100% Cabinet Match
24	209438831	RA14AZ18AJ1N	RCFZ2414STAAM	R802V0503A14UH	14.3	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	100% Cabinet Match
25	209438829	RA14AZ18AJ1N	RCFZ2417MTANM	R801V0503A14UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
26	209438830	RA14AZ18AJ1N	RCFZ2417MTANM	R802V0503A14UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
27	209429592	RA14AZ18AJ1N	RCFZ2417STANM	R801V0503A14UH	16	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
28	209429593	RA14AZ18AJ1N	RCFZ2417STANM	R802V0503A14UH	16	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
29	209438839	RA14AZ18AJ1N	RCFZ2417MTANM	R802V0754A17UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
30	209429597	RA14AZ18AJ1N	RCFZ2417STANM	R802V0754A17UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
31	209438834	RA14AZ18AJ1N	RCFZ2421MTANM	R802V0754A17UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
32	209438941	RA14AZ24AJ1N	RCFZ2414STAAM	R801V0503A14UH	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	100% Cabinet Match
33	209438933	RA14AZ24AJ1N	RCFZ2414STAAM	R802V0503A14UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	100% Cabinet Match
34	209438934	RA14AZ24AJ1N	RCFZ2417MTANM	R801V0503A14UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
35	209438928	RA14AZ24AJ1N	RCFZ2417MTANM	R802V0503A14UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
36	209429916	RA14AZ24AJ1N	RCFZ2417STANM	R801V0503A14UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
37	209429917	RA14AZ24AJ1N	RCFZ2417STANM	R802V0503A14UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
38	209438946	RA14AZ24AJ1N	RCFZ2417MTANM	R801V0754A17UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
39	209438945	RA14AZ24AJ1N	RCFZ2417MTANM	R802V0754A17UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
40	209429912	RA14AZ24AJ1N	RCFZ2417STANM	R801V0754A17UH	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
41	209429914	RA14AZ24AJ1N	RCFZ2417STANM	R802V0754A17UH	16	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
42	209438947	RA14AZ24AJ1N	RCFZ2421MTANM	R801V0754A17UH	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
43	209438948	RA14AZ24AJ1N	RCFZ2421MTANM	R802V0754A17UH	16	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
44	209429977	RA14AZ30AJ1N	RCFZ3617STANM	R801V0503A14UH	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
45	209429976	RA14AZ30AJ1N	RCFZ3617STANM	R802V0503A14UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
46	209939522	RA14AZ30AJ1N	RCFZ3617STANM	R801T0754A17UH	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
47	209939526	RA14AZ30AJ1N	RCFZ3621MTAAM	R801T0754A17UH	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	17	UH - Upflow Horizontal	0
48	209439062	RA14AZ30AJ1N	RCFZ3621STANM	R801V0754A17UH	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
49	209439058	RA14AZ30AJ1N	RCFZ3621STANM	R802V0754A17UH	14.3	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
50	209429655	RA14AZ30AJ1N	RCFZ3617STANM	R801V0754A17UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
51	209429656	RA14AZ30AJ1N	RCFZ3617STANM	R802V0754A17UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
52	209939528	RA14AZ30AJ1N	RCFZ3621MTAAM	R801T0754A21UH	16	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	100% Cabinet Match
53	209439068	RA14AZ30AJ1N	RCFZ3621MTAAM	R801V0754A17UH	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
54	209439069	RA14AZ30AJ1N	RCFZ3621MTAAM	R802V0754A17UH	16	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
55	209939530	RA14AZ30AJ1N	RCFZ3624MTANM	R801T0754A21UH	16	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	0
56	209430017	RA14AZ36AJ1N	RCFZ3617STANM	R801V0503A14UH	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
57	209430010	RA14AZ36AJ1N	RCFZ3617STANM	R802V0503A14UH	14.3	Rheem	80% Afue	2	V - ECM Variable Speed	50,000	3	A	14	UH - Upflow Horizontal	0
58	209939586	RA14AZ36AJ1N	RCFZ3621MTAAM	R801T0754A17UH	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	17	UH - Upflow Horizontal	0
59	209939582	RA14AZ36AJ1N	RCFZ3617STANM	R801T0754A17UH	15.2	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
60	209430011	RA14AZ36AJ1N	RCFZ3617STANM	R801V0754A17UH	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
61	209430013	RA14AZ36AJ1N	RCFZ3617STANM	R802V0754A17UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	100% Cabinet Match
62	209439164	RA14AZ36AJ1N	RCFZ3621STANM	R801V0754A17UH	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
63	209439171	RA14AZ36AJ1N	RCFZ3621STANM	R801V0755A21UH	15.2	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
64	209439153	RA14AZ36AJ1N	RCFZ3621STANM	R802V0754A17UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
65	209439147	RA14AZ36AJ1N	RCFZ3621STANM	R802V0755A21UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
66	209439170	RA14AZ36AJ1N	RCFZ3621MTAAM	R801V0754A17UH	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
67	209439156	RA14AZ36AJ1N	RCFZ3621MTAAM	R801V0755A21UH	16	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
68	209439169	RA14AZ36AJ1N	RCFZ3621MTAAM	R802V0754A17UH	16	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
69	209439166	RA14AZ36AJ1N	RCFZ3621MTAAM	R802V0755A21UH	16	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
70	209939699	RA14AZ42AJ1N	RCFZ4824MTANM	R801T1255A24UH	14.3	Rheem	80% Afue	1	T - Constant Torque	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
71	209939707	RA14AZ42AJ1N	RCFZ4824STANM	R801T1255A24UH	14.3	Rheem	80% Afue	1	T - Constant Torque	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
72	209439328	RA14AZ42AJ1N	RCFZ4824MTANM	R802V1255A24UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
73	209439315	RA14AZ42AJ1N	RCFZ4824STANM	R802V1255A24UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
74	209439320	RA14AZ42AJ1N	RCFZ4824MTANM	R802V1505A24UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	150,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
75	209439325	RA14AZ42AJ1N	RCFZ4824STANM	R802V1505A24UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	150,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
76	209429698	RA14AZ42AJ1N	RCFZ4821STANM	R801V0754A17UH	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
77	209429699	RA14AZ42AJ1N	RCFZ4821STANM	R801V0755A21UH	14.3	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
78	209939693	RA14AZ42AJ1N	RCFZ4824MTANM	R801T0754A21UH	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	0
79	209939701	RA14AZ42AJ1N	RCFZ4824STANM	R801T0754A21UH	14.3	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	0
80	209429707	RA14AZ42AJ1N	RCFZ4821STANM	R802V0754A17UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
81	209429708	RA14AZ42AJ1N	RCFZ4821STANM	R802V0755A21UH	15.2	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
82	209439329	RA14AZ42AJ1N	RCFZ4821STAAM	R801V0754A17UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
83	209439311	RA14AZ42AJ1N	RCFZ4821STAAM	R801V0755A21UH	15.5	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
84	209439330	RA14AZ42AJ1N	RCFZ4821STAAM	R802V0754A17UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
85	209439314	RA14AZ42AJ1N	RCFZ4821STAAM	R802V0755A21UH	15.5	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
86	209939683	RA14AZ42AJ1N	RCFZ4821STANM	R801T0754A21UH	15.5	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	100% Cabinet Match
87	209939673	RA14AZ42AJ1N	RCFZ4821STAAM	R801T0754A21UH	16	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	100% Cabinet Match
88	209439472	RA14AZ48AJ1N	RCFZ4824MTANM	R802V1255A24UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
89	209439460	RA14AZ48AJ1N	RCFZ4824STANM	R802V1255A24UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
90	209439465	RA14AZ48AJ1N	RCFZ4824MTANM	R802V1505A24UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	150,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
91	209439464	RA14AZ48AJ1N	RCFZ4824STANM	R802V1505A24UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	150,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
92	209939799	RA14AZ48AJ1N	RCFZ4821STAAM	R801T0754A21UH	13.8	Rheem	80% Afue	1	T - Constant Torque	75,000	4	A	21	UH - Upflow Horizontal	100% Cabinet Match
93	209439471	RA14AZ48AJ1N	RCFZ4821STAAM	R801V0754A17UH	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
94	209439461	RA14AZ48AJ1N	RCFZ4821STAAM	R801V0755A21UH	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
95	209439470	RA14AZ48AJ1N	RCFZ4821STAAM	R802V0754A17UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
96	209439467	RA14AZ48AJ1N	RCFZ4821STAAM	R802V0755A21UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
97	209429783	RA14AZ48AJ1N	RCFZ4821STANM	R801V0754A17UH	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
98	209429790	RA14AZ48AJ1N	RCFZ4821STANM	R801V0755A21UH	13.8	Rheem	80% Afue	1	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
99	209429792	RA14AZ48AJ1N	RCFZ4821STANM	R802V0754A17UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	4	A	17	UH - Upflow Horizontal	0
100	209429784	RA14AZ48AJ1N	RCFZ4821STANM	R802V0755A21UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	75,000	5	A	21	UH - Upflow Horizontal	100% Cabinet Match
101	209429869	RA14AZ60AJ1N	RCFZ6024STANM	R802V1255A24UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	125,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
102	209429871	RA14AZ60AJ1N	RCFZ6024STANM	R802V1505A24UH	13.8	Rheem	80% Afue	2	V - ECM Variable Speed	150,000	5	A	24	UH - Upflow Horizontal	100% Cabinet Match
103	209939469	RA14AZ18AJ1N	RCFZ2417STANM	R801T0503A14UHN	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalN	0
104	209939489	RA14AZ24AJ1N	RCFZ2417STANM	R801T0503A14UHN	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalN	0
105	209939516	RA14AZ30AJ1N	RCFZ3617STANM	R801T0503A14UHN	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalN	0
106	209939592	RA14AZ36AJ1N	RCFZ3621MTAAM	R801T1005A21UHN	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	100% Cabinet Match
107	209939600	RA14AZ36AJ1N	RCFZ3624MTANM	R801T1005A21UHN	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	0
108	209939578	RA14AZ36AJ1N	RCFZ3617STANM	R801T0503A14UHN	15.5	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalN	0
109	209939695	RA14AZ42AJ1N	RCFZ4824MTANM	R801T1005A21UHN	14.3	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	0
110	209939703	RA14AZ42AJ1N	RCFZ4824STANM	R801T1005A21UHN	14.3	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	0
111	209939689	RA14AZ42AJ1N	RCFZ4821STANM	R801T1005A21UHN	15.5	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	100% Cabinet Match
112	209939679	RA14AZ42AJ1N	RCFZ4821STAAM	R801T1005A21UHN	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalN	100% Cabinet Match
113	209939471	RA14AZ18AJ1N	RCFZ2417STANM	R801T0503A14UHS	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalS	0
114	209939491	RA14AZ24AJ1N	RCFZ2417STANM	R801T0503A14UHS	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalS	0
115	209939518	RA14AZ30AJ1N	RCFZ3617STANM	R801T0503A14UHS	16	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalS	0
116	209939594	RA14AZ36AJ1N	RCFZ3621MTAAM	R801T1005A21UHS	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	100% Cabinet Match
117	209939602	RA14AZ36AJ1N	RCFZ3624MTANM	R801T1005A21UHS	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	0
118	209939580	RA14AZ36AJ1N	RCFZ3617STANM	R801T0503A14UHS	15.5	Rheem	80% Afue	1	T - Constant Torque	50,000	3	A	14	UH - Upflow HorizontalS	0
119	209939697	RA14AZ42AJ1N	RCFZ4824MTANM	R801T1005A21UHS	14.3	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	0
120	209939705	RA14AZ42AJ1N	RCFZ4824STANM	R801T1005A21UHS	14.3	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	0
121	209939691	RA14AZ42AJ1N	RCFZ4821STANM	R801T1005A21UHS	15.5	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	100% Cabinet Match
122	209939681	RA14AZ42AJ1N	RCFZ4821STAAM	R801T1005A21UHS	16	Rheem	80% Afue	1	T - Constant Torque	100,000	5	A	21	UH - Upflow HorizontalS	100% Cabinet Match
123	209439146	RA14AZ36AJ1N	RCFZ3621STANM	R962V0703A17M4	14.3	Rheem	96% Afue	2	V - ECM Variable Speed	70,000	3	A	17	M4 - Multi4 Way	0
124	209439148	RA14AZ36AJ1N	RCFZ3621STANM	R962V0705A21M4	14.3	Rheem	96% Afue	2	V - ECM Variable Speed	70,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
125	209439331	RA14AZ42AJ1N	RCFZ4821STAAM	R962V1005A21M4	15.2	Rheem	96% Afue	2	V - ECM Variable Speed	100,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
126	209439322	RA14AZ42AJ1N	RCFZ4824MTANM	R962V1155A24M4	14.3	Rheem	96% Afue	2	V - ECM Variable Speed	115,000	5	A	24	M4 - Multi4 Way	100% Cabinet Match
127	209439318	RA14AZ42AJ1N	RCFZ4824STANM	R962V1155A24M4	14.3	Rheem	96% Afue	2	V - ECM Variable Speed	115,000	5	A	24	M4 - Multi4 Way	100% Cabinet Match
128	209439310	RA14AZ42AJ1N	RCFZ4821STAAM	R962V0705A21M4	15.2	Rheem	96% Afue	2	V - ECM Variable Speed	70,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
129	209439312	RA14AZ42AJ1N	RCFZ4821STAAM	R962V0855A21M4	15.2	Rheem	96% Afue	2	V - ECM Variable Speed	85,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
130	209439469	RA14AZ48AJ1N	RCFZ4821STAAM	R962V1005A21M4	13.8	Rheem	96% Afue	2	V - ECM Variable Speed	100,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
131	209439456	RA14AZ48AJ1N	RCFZ4824MTANM	R962V1155A24M4	13.8	Rheem	96% Afue	2	V - ECM Variable Speed	115,000	5	A	24	M4 - Multi4 Way	100% Cabinet Match
132	209439473	RA14AZ48AJ1N	RCFZ4824STANM	R962V1155A24M4	13.8	Rheem	96% Afue	2	V - ECM Variable Speed	115,000	5	A	24	M4 - Multi4 Way	100% Cabinet Match
133	209439453	RA14AZ48AJ1N	RCFZ4821STAAM	R962V0705A21M4	13.8	Rheem	96% Afue	2	V - ECM Variable Speed	70,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
134	209439452	RA14AZ48AJ1N	RCFZ4821STAAM	R962V0855A21M4	13.8	Rheem	96% Afue	2	V - ECM Variable Speed	85,000	5	A	21	M4 - Multi4 Way	100% Cabinet Match
135	209438827	RA14AZ18AJ1N	RCFZ2417MTANM	R98MV0703A17UPS	16	Rheem	98% Afue	M	V - ECM Variable Speed	70,000	3	A	17	UPS	100% Cabinet Match
136	209429591	RA14AZ18AJ1N	RCFZ2417STANM	R98MV0703A17UPS	16	Rheem	98% Afue	M	V - ECM Variable Speed	70,000	3	A	17	UPS	100% Cabinet Match

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
137	209438929	RA14AZ24AJ1N	RCFZ2417MTANM	R98MV0603A17UPS	15.5	Rheem	98% Afue	M	V - ECM Variable Speed	60,000	3	A	17	UPS	100% Cabinet Match
138	209429921	RA14AZ24AJ1N	RCFZ2417STANM	R98MV0603A17UPS	15.5	Rheem	98% Afue	M	V - ECM Variable Speed	60,000	3	A	17	UPS	100% Cabinet Match
139	209438932	RA14AZ24AJ1N	RCFZ2421MTANM	R98MV0603A17UPS	15.5	Rheem	98% Afue	M	V - ECM Variable Speed	60,000	3	A	17	UPS	0
140	209438938	RA14AZ24AJ1N	RCFZ2417MTANM	R98MV0703A17UPS	15.5	Rheem	98% Afue	M	V - ECM Variable Speed	70,000	3	A	17	UPS	100% Cabinet Match
141	209429915	RA14AZ24AJ1N	RCFZ2417STANM	R98MV0703A17UPS	15.5	Rheem	98% Afue	M	V - ECM Variable Speed	70,000	3	A	17	UPS	100% Cabinet Match
142	209438944	RA14AZ24AJ1N	RCFZ2421MTANM	R98MV0703A17UPS	15.5	Rheem	98% Afue	M	V - ECM Variable Speed	70,000	3	A	17	UPS	0
143	209429980	RA14AZ30AJ1N	RCFZ3617STANM	R98MV0603A17UPS	14.3	Rheem	98% Afue	M	V - ECM Variable Speed	60,000	3	A	17	UPS	100% Cabinet Match
144	209439070	RA14AZ30AJ1N	RCFZ3621STANM	R98MV0603A17UPS	14.3	Rheem	98% Afue	M	V - ECM Variable Speed	60,000	3	A	17	UPS	0
145	209439063	RA14AZ30AJ1N	RCFZ3621MTAAM	R98MV0603A17UPS	16	Rheem	98% Afue	M	V - ECM Variable Speed	60,000	3	A	17	UPS	0
146	209429981	RA14AZ30AJ1N	RCFZ3617STANM	R98MV0703A17UPS	14.3	Rheem	98% Afue	M	V - ECM Variable Speed	70,000	3	A	17	UPS	100% Cabinet Match
147	209439060	RA14AZ30AJ1N	RCFZ3621STANM	R98MV0703A17UPS	14.3	Rheem	98% Afue	M	V - ECM Variable Speed	70,000	3	A	17	UPS	0
148	209439061	RA14AZ30AJ1N	RCFZ3621MTAAM	R98MV0703A17UPS	16	Rheem	98% Afue	M	V - ECM Variable Speed	70,000	3	A	17	UPS	0
149	209430016	RA14AZ36AJ1N	RCFZ3617STANM	R98MV0603A17UPS	14.3	Rheem	98% Afue	M	V - ECM Variable Speed	60,000	3	A	17	UPS	100% Cabinet Match
150	209439154	RA14AZ36AJ1N	RCFZ3621STANM	R98MV0603A17UPS	14.3	Rheem	98% Afue	M	V - ECM Variable Speed	60,000	3	A	17	UPS	0
151	209439158	RA14AZ36AJ1N	RCFZ3621MTAAM	R98MV0603A17UPS	15.2	Rheem	98% Afue	M	V - ECM Variable Speed	60,000	3	A	17	UPS	0
152	209430009	RA14AZ36AJ1N	RCFZ3617STANM	R98MV0703A17UPS	14.3	Rheem	98% Afue	M	V - ECM Variable Speed	70,000	3	A	17	UPS	100% Cabinet Match
153	209439163	RA14AZ36AJ1N	RCFZ3621STANM	R98MV0703A17UPS	14.3	Rheem	98% Afue	M	V - ECM Variable Speed	70,000	3	A	17	UPS	0
154	209439155	RA14AZ36AJ1N	RCFZ3621MTAAM	R98MV0703A17UPS	15.5	Rheem	98% Afue	M	V - ECM Variable Speed	70,000	3	A	17	UPS	0
155	209429868	RA14AZ60AJ1N	RCFZ6024STANM	R98MV1155A24UPS	13.8	Rheem	98% Afue	M	V - ECM Variable Speed	115,000	5	A	24	UPS	100% Cabinet Match

ENDEAVOR™

HEAT PUMP AND AIR CONDITIONER GUIDE

Rheem.com/Endeavor

High Performance and Sustainability **Have Never Felt So Good**

Keep consistently comfortable year-round with the Rheem® Endeavor™ Line of Heat Pumps and Air Conditioners. The Rheem Endeavor Line offers an excellent range of choices designed for lasting energy-efficient comfort that saves you money while delivering peace of mind.

Relax with Consistently Hot... or Cold Temperatures

PEACE-OF-MIND **PERFORMANCE**

Relax, you're covered by one of the best warranties in the industry[1]—up to 10 Year Limited Parts + 10 Year Conditional Unit Replacement[2].

QUIET **OPERATION**

Efficient home comfort shouldn't be noisy. That's why our air conditioners and heat pumps are designed with acoustics in mind. Integrated sound-dampening features such as refrigerant tubing design, fan blade approach, composite base pan and innovative compressor and drive technologies let you enjoy more efficiency—and less noise[3].

REDUCED EMISSIONS

Households generate 72%[4] of greenhouse gas emissions, so switching to a heat pump can make a big difference for the environment—today.

HIGH COMFORT

Inverter-driven, variable speed compressor[5] (between 40% and 100% of capacity), variable speed twin rotary compressor[6] (between 40% and 70% of capacity, ramping up to 100% when required), two-stage[7] (high, low) or single-stage[8] technology work to continuously meet your ever-changing cooling needs. You'll enjoy steady temperature and advanced humidity control that combine to exceed your optimal comfort expectations.

EcoNet®

Several of the Rheem Endeavor Line Heat Pumps and Air Conditioners operate with the easy-to-use EcoNet Smart Thermostat, which optimizes system performance and provides a new level of protection and precision comfort **with features like:**

- Communication with latest sensor technology
- Control of your thermostat from anywhere via the EcoNet App[9]
- Alerts sent directly to your phone or email

Helping You Live Both **Comfortably** and **Sustainably**

Several of the Rheem Endeavor Line Heat Pumps and Air Conditioners have earned our Sustainability Standout Seal, indicating they're among the best of the best. We created the Seal to help you more easily find the products that save energy, save money and save the planet.

Among Heat Pumps and Air Conditioners, **These Are Stars**

Earning ENERGY STAR® recognition means products meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and several of the Rheem Endeavor Heat Pumps and Air Conditioners are ENERGY STAR® certified, offering annual energy cost savings[10].

Simplified Install & Service with Bluetooth Technology

Built-in Bluetooth® connectivity[11] on many of the Heat Pump and Air Conditioner models make it faster and easier for your contractor to install and service your new system. This can help lower your costs and help make your home comfortable again—fast.

TESTED. TRUSTED. **TOUGH.**

From the smallest part to complete comfort systems, we build quality into everything we make so we can be sure it's tough enough to deliver the ultimate performance you can count on day after day, year after year. That reliability is what makes Rheem different—and better.

We Thought of Everything… **& Then Some**

We evaluate every detail of a product from top to bottom, inside and out and every angle in between. That's 360+1. And that's why you can count on these heat pumps and air conditioners to bring you and your family years of efficient and dependable comfort.

Rheem® Endeavor™ Line

Heat Pump Series*

*ENERGY STAR® certified
RP15AZ will launch in 2023

Welcome year-round comfort into your home with the Rheem® Endeavor™ Line of Heat Pumps. Each model is designed to provide super-efficient and consistent heating and cooling technology to keep your utility bills dependably low, season after season.

	Prestige®	Classic Plus®	Classic®	Select™
	RP18AZ	RP16AZ	RP14AZ	WP14AZ
Cooling & Heating Efficiency[12]	19 SEER2 / 12.5 EER2 / 8.5 HSPF2	17 SEER2 / 10.4 EER2 / 8.1 HSPF2	14.3 SEER2 / 9 EER2 / 7.5 HSPF2	14.3 SEER2 / 9 EER2 / 7.5 HSPF2
Nominal Sizes	2 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons
Cabinet Type Designator	iM	iM	iM	iC
Cooling & Heating Capacities	22.8 to 54 kBTU	22.8 to 56 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU
EcoNet® Enabled	Yes	Yes	No	No
Sound Rating[3] (as low as)	58 dB	60 dB	72 dB	72 dB
Compressor Type	Inverter Driven, Variable Speed	Inverter Driven, Variable Speed Twin Rotary	Two-Stage	Two-Stage
Condenser Coil Type	3/8 in.	7mm[13]	7mm[13]	7mm[13]
ENERGY STAR® Certified[10]	Yes	No	No	No
Bluetooth Connectivity[11]	Yes	Yes	No	No
PlusOne® Features & More (PlusOnes indicated in bold)	**Expanded Valve Space and Triple Service Access** — Rheem Contractor and EcoNet Apps[9], built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	**Expanded Valve Space and Triple Service Access** — Rheem Contractor and EcoNet Apps[9], built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	**Expanded Valve Space and Triple Service Access**	n/a
Compatible Thermostat	EcoNet Smart Thermostat — Two-Stage 24V (Emergency Only)	EcoNet Smart Thermostat — Two-Stage 24V (Three-Speed Operation Only)	Two-Stage 24V	Two-Stage 24V
Sustainability Standout	Yes	Yes	No	No
Limited Warranty[1]	Parts – 10 years — Unit Replacement – 10 years (registration required)	Parts – 10 years — Unit Replacement – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Parts – 5 years

Rheem® Endeavor™ Line

Air Conditioner Series

Keep cool, even when the utility bill arrives, with the Rheem® Endeavor™ Line of Air Conditioners. Each model is designed to provide super high efficiency, keeping your home dependably comfortable.

	Prestige®	Classic Plus®		Classic®		Select™		
	RA18AZ	RA16AZ	RA15AZ	RA14AZ	RA13NZ	WA15AZ	WA14AZ	WA13NZ
Cooling Efficiency[12]	19 SEER2 / 12 EER2	17 SEER2 / 10.5 EER2	15.2 SEER2 / 9.8 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 9.8 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 12 EER2
Nominal Sizes	2 to 5 tons	2 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons
Cabinet Type Designator	iM	iM	iM	iM	iM	iC	iC	iC
Cooling Capacities	22.8 to 54 kBTU	22.8 to 56 kBTU	22.8 to 56 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU	22.8 to 56 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU
EcoNet® Enabled	Yes	Yes	Yes	No	No	No	No	No
Sound Rating[3] (as low as)	54 dB	72 dB	72 dB	69 dB	68 dB	60 dB	69 dB	68 dB
Compressor Type	Inverter Driven, Variable Speed	Inverter Driven, Variable Speed Twin Rotary	Inverter Driven, Variable Speed Twin Rotary	Single-Stage	Single-Stage	Inverter Driven, Variable Speed Twin Rotary	Single-Stage	Single-Stage
Condenser Coil Type	3/8 in.	7mm[13]	7mm[13]	7mm[13]	7mm[13]	7mm[13]	7mm[13]	7mm[13]
ENERGY STAR® Certified[10]	Yes	No	No	Yes	Yes	No	Yes	Yes
Bluetooth Connectivity[11]	Yes	Yes	Yes	No	No	Yes	No	No
PlusOne® Features & More (PlusOnes indicated in bold)	**Expanded Valve Space and Triple Service Access** — Rheem Contractor and EcoNet Apps[9], built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	**Expanded Valve Space and Triple Service Access** — Rheem Contractor and EcoNet Apps[9], built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	**Expanded Valve Space and Triple Service Access** — Rheem Contractor and EcoNet Apps[9], built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	**Expanded Valve Space and Triple Service Access**	**Expanded Valve Space and Triple Service Access**	n/a	n/a	n/a
Compatible Thermostat	EcoNet Smart Thermostat — Two-Stage 24V (Emergency Only)	EcoNet Smart Thermostat — Two-Stage 24V (Three-speed Operation Only)	EcoNet Smart Thermostat — Two-Stage 24V (Three-speed Operation Only)	Single-Stage 24V	Single-Stage 24V	Two-Stage 24V	Single-Stage 24V	Single-Stage 24V
Sustainability Standout	Yes	Yes	Yes	No	No	No	No	No
Limited Warranty[1]	Parts – 10 years — Unit Replacement – 10 years (registration required)	Parts – 10 years — Unit Replacement – 10 years (registration required)	Parts – 10 years	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Parts – 5 years	Parts – 5 years	Parts – 5 years

Rheem®

Rheem.com

Nearly 100 Years of Innovation

As the only brand bringing innovative air and water solutions to homes and businesses around the world, Rheem continues to deliver advanced comfort, savings and experiences to our customers—just as we've done for nearly 100 years.

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Fort Smith, Arkansas 72908

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Brampton, Ontario L6Y 0P5

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

[1]*Registration is required for the conditional parts and unit replacement warranty (if applicable). For complete details of the limited and conditional warranties, including applicable terms and conditions, contact your local Contractor or go to Rheem.com for a copy of the product warranty certificate.* [2]*Refer to the chart for specific warranty terms by product.* [3]*Based on Internal R&D Testing, May 2022. Sound levels are also dependent on proper installation and location of outdoor product.* [4]*Residential Building Electrification in CA: Consumer economics, greenhouse gases and grid impacts, April 2019.* [5]*Applies to RP18AZ and RA18AZ models.* [6]*Applies to the RP16AZ, RA16AZ, RA15AZ and WA15AZ models.* [7]*Applies to the RP14AZ model and WP14AZ.* [8]*Applies to RP14AZ, RA14AZ, RA13NZ, WP14AZ, WA14AZ and WA13NZ models.* [9]*WiFi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.* [10]*Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit EnergyStar.gov.* [11]*Applies to RP18AZ, RP16AZ, RA18AZ, RA16AZ , RA15AZ and WA15AZ models.* [12]*SEER (Seasonal Energy Efficiency Rating) / EER (Energy Efficiency Ratio) / HSPF (Heating Seasonal Performance Factor): The higher the SEER / EER / HSPF rating, the more efficient the unit.* [13]*5-ton models feature a 3/8 in. condenser coil.*

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System option with heat pumps only

Printed in the USA | 10/22 | QG | Form No. M11-1100

The new degree of comfort.®

Endeavor™ Line *Select*® Series iC Air Conditioners

WA14AZ

Cooling Efficiency up to: 15.2 SEER2/12 EER2
Nominal Sizes: 1½ to 5 Ton [5.28 to 17.6 kW]
Cooling Capacities: 17.1 to 55.5 kBTU [5.0 to 16.3 kW]

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet Energy Star. Ask your Contractor for details or visit www.energystar.gov.

Table of Contents

Features and Benefits

- **Fully Louvered Steel Cabinet:** Features durable construction to add protection from yard hazards, weather corrosion
- **Optimized 7 mm Coil Design:** Allows for improved airflow, heat transfer and energy consumption
- **Easily Accessible Control Box:** Ease of installation and serviceability

Air Conditioners

W	A	14	A	Z	18	A	J	1	N	A
Brand	**Product Category**	**SEER2**	**Region**	**Refrigerant**	**Capacity BTU/HR**	**Major Series**	**Voltage**	**Type**	**Controls**	**Minor Series**
W - Rheem Select	A - Air Conditioners	14 - 13.8/14.3 SEER2	A - All	Z - R-410A	18 - 18,000 [5.28 kW] 24 - 24,000 [7.03 kW] 30 - 30,000 [8.79 kW] 36 - 36,000 [10.55 kW] 42 - 42,000 [12.31 kW] 48 - 48,000 [14.07 kW] 60 - 60,000 [17.58 kW]	A - 1st Design	J - 208/230/1/60	1 - 1-Stage	N - Non-Communicating	A - 1st Design

[ ] Designates Metric Conversions

AVAILABLE MODELS
WA14AZ18AJ1NA
WA14AZ24AJ1NA
WA14AZ30AJ1NA
WA14AZ36AJ1NA
WA14AZ42AJ1NA
WA14AZ48AJ1NA
WA14AZ60AJ1NA

STANDARD EQUIPMENT
R410-A Refrigerant
Scroll Compressor
Field Installed Filter Drier
Front Seating Service Valves
Internal Pressure Relief Valve
Internal Thermal Overload
Long Line Capability
Low Ambient Cabability with Kit
Optimized Venturi Airflow
Rust Resistant Screws
QR Code
External Gauge Ports

General Data

GENERAL DATA							
Model No.	**WA14AZ18**	**WA14AZ24**	**WA14AZ30**	**WA14AZ36**	**WA14AZ42**	**WA14AZ48**	**WA14AZ60**
Nominal Tonnage	1.5	2.0	2.5	3.0	3.5	4.0	5.0
Valve Connections							
Liquid Line O.D. – in.	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Suction Line O.D. – in.	3/4	3/4	3/4	3/4	7/8	7/8	7/8
Refrigerant (R410A) furnished oz.[1]	94	115	120	124	149	153	203
Compressor Type	Scroll						
Outdoor Coil							
Net face area – Outer Coil	10.9	13.3	14.3	16.4	19.5	19.5	32.5
Net face area – Inner Coil	10.5	12.9	13.9	15.9	18.8	18.8	—
Tube diameter – in.	0.276	0.276	0.276	0.276	0.276	0.276	3/8
Number of rows	2	2	2	2	2	2	1
Fins per inch	24	24	24	24	24	24	22
Outdoor Fan							
Diameter – in.	20	24	24	24	24	24	26
Number of blades	2	2	2	2	3	3	3
Motor hp	1/7	1/6	1/6	1/6	1/5	1/5	1/3
CFM	2156	2723	2830	2991	3655	3655	5178
RPM	1075	825	825	825	850	850	910
watts	152	161	165	145	214	214	271
Shipping weight – lbs.	151	185	171	185	236	228	294
Operating weight – lbs.	144	178	164	178	229	221	287

Electrical Data

Line Voltage Data (Volts-Phase-Hz)	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**
Maximum overcurrent protection (amps)[2]	20	25	30	30	40	40	60
Minimum circuit ampacity[3]	14	18	19	20	24	24	40
Compressor							
Rated load amps	9	12	14	13	18	18	26
Locked rotor amps	43	60	68	83	110	102	150
Condenser Fan Motor							
Full load amps	0.8	0.8	0.8	0.8	1.0	1.0	2.8
Locked rotor amps	1.5	1.5	1.7	1.7	2.6	2.6	—

[1]Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the installation instructions for information about set length and additional refrigerant charge required.
[2]HACR type circuit breaker of fuse.
[3]Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements.

Accessories

Model No.		WA14AZ18	WA14AZ24	WA14AZ30	WA14AZ36	WA14AZ42	WA14AZ48	WA14AZ60
Compressor crankcase heater*		44-17402-44	44-17402-44	44-17402-44	44-17402-44	44-17402-45	44-17402-45	44-17402-45
Low ambient control		RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08
Compressor sound cover		68-23427-26	68-23427-26	68-23427-26	68-23427-26	68-23427-25	68-23427-25	68-23427-25
Compressor hard start kit		SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1
Compressor time delay		RXMD-B01	RXMD-B01	RXMD-B01	RXMD-B01	RXMD-B01	RXMD-B01	RXMD-B01
Low pressure control		RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07
High pressure control		RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07
Liquid Line Solenoid (24 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC
	Solenoid Coil	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V
Liquid Line Solenoid (120/240 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC
	Solenoid Coil	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V

*Crankcase Heater recommended with Low Ambient Kit.

Weighted Sound Power Level (dBA)

Unit Size - Voltage, Series	Standard Rating (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment)						
		125	250	500	1000	2000	4000	8000
WA14AZ18	70.7	48.2	56.0	61.9	61.0	56.5	53.5	45.7
WA14AZ24	75.7	46.5	62.0	68.1	64.5	60.8	55.2	48.4
WA14AZ30	76.8	48.2	62.5	68.8	65.8	62.0	57.2	49.6
WA14AZ36	76.1	48.4	58.7	67.3	65.5	62.6	58.8	52.1
WA14AZ42	72.5	46.6	55.3	63.9	62.1	59.4	55.2	48.2
WA14AZ48	74.0	45.4	55.7	64.2	62.9	60.8	56.7	51.2
WA14AZ60	75.8	43.4	59.8	67.2	65.5	62.7	59.2	53.1

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI)

Unit Dimensions

MODEL NO.	OPERATING						SHIPPING							
	H (Height)		L (Length)		W (Width)		H (Height)		L (Length)		W (Width)		OP. WEIGHT LBS.	SHIPPING WEIGHT LBS.
	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm		
WA14AZ18AJ1NA	25.65	651.51	29.54	750	29.54	750	27.0625	687.3875	32.625	828.675	32.625	828.675	122	143
WA14AZ24AJ1NA	25.65	651.51	33.66	855	33.66	855	27.0625	687.3875	36.625	930.275	36.625	930.275	141	148
WA14AZ30AJ1NA	27.65	702.31	33.66	855	33.66	855	29.0625	738.1875	36.625	930.275	36.625	930.275	151	158
WA14AZ36AJ1NA	31.65	803.91	33.66	855	33.66	855	33.0625	839.7875	36.625	930.275	36.625	930.275	171	178
WA14AZ42AJ1NA	35.65	905.51	33.66	855	33.66	855	37.0625	941.3875	36.625	930.275	36.625	930.275	200	207
WA14AZ48AJ1NA	35.65	905.51	33.66	855	33.66	855	37.0625	941.3875	36.625	930.275	36.625	930.275	221	232
WA14AZ60AJ1NA	51.65	1311.91	35.54	903	35.54	903	53.0625	1347.7875	38.625	981.075	38.625	981.075	261	268

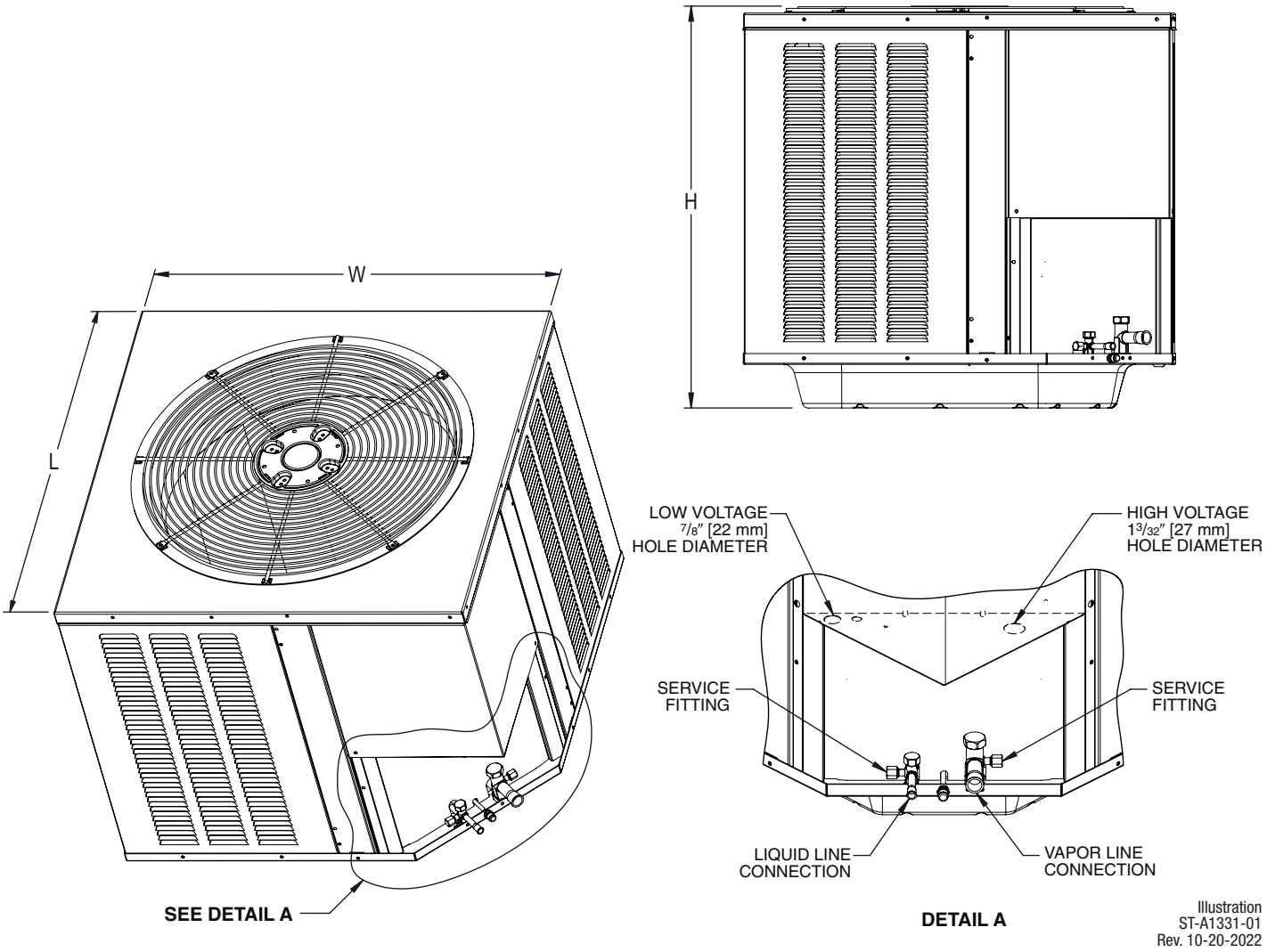
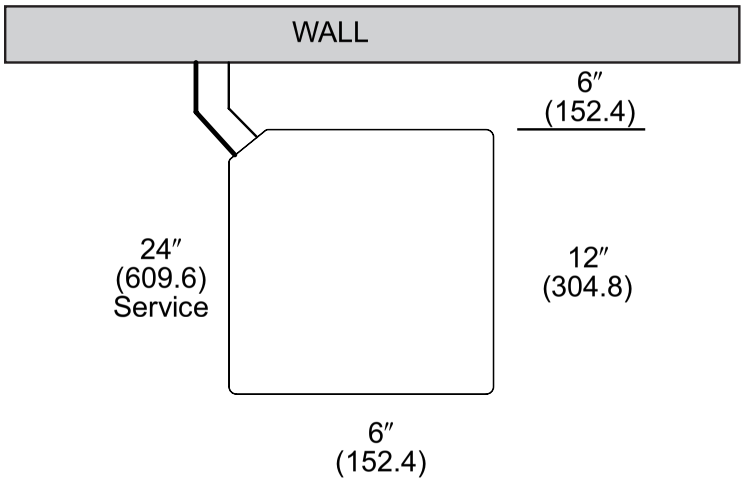


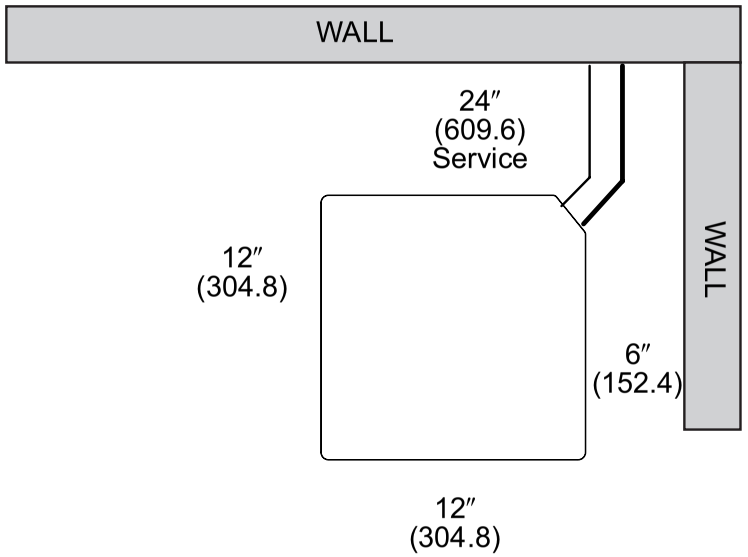
Illustration
ST-A1331-01
Rev. 10-20-2022

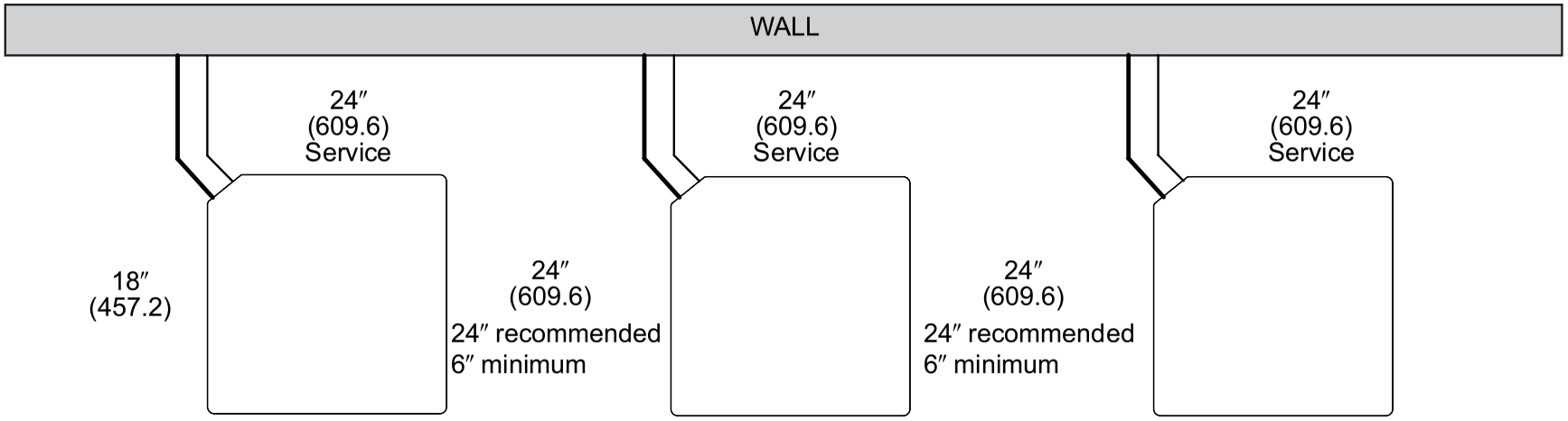
NOTE: Illustrations show the deep drawn basepan.

[ ] Designates Metric Conversions

CLEARANCES





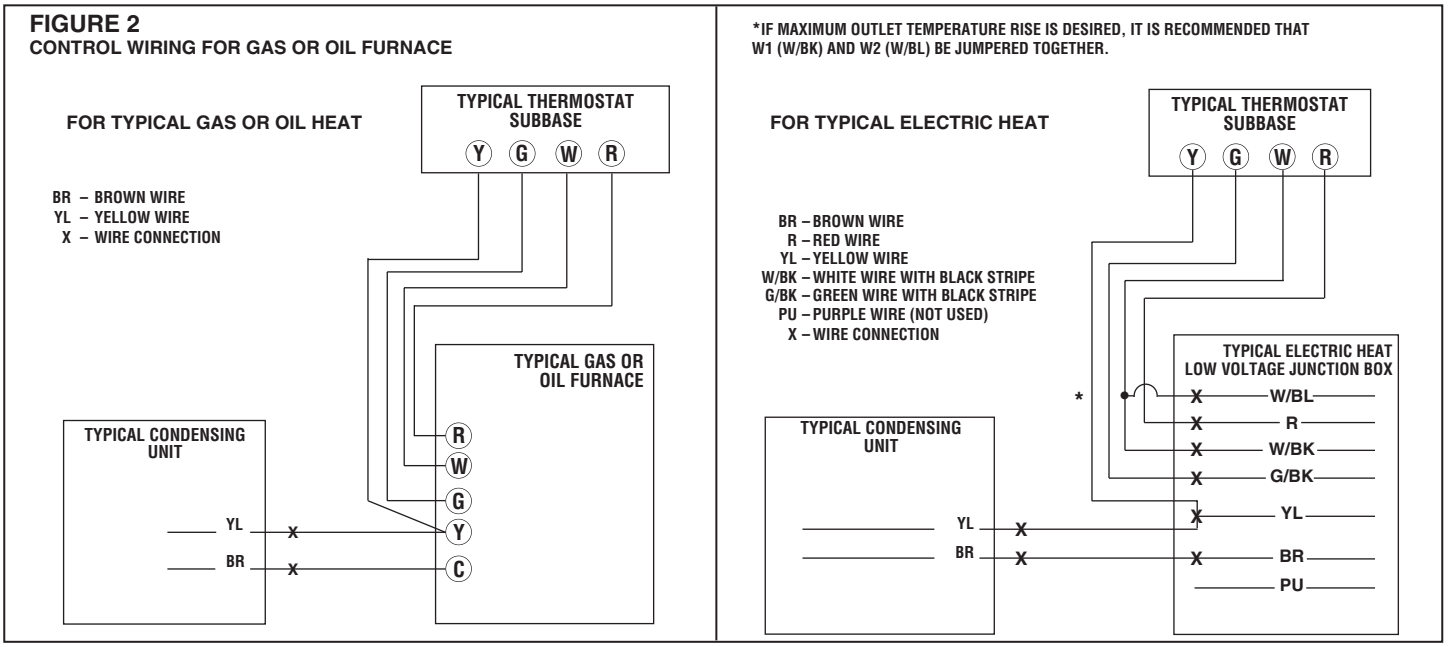


NOTE: NUMBERS IN () = mm

IMPORTANT: When installing multiple units in an alcove, roof well or partially enclosed area, ensure there is adequate ventillation to prevent re-circulation of discharge air.

Control Wiring

FIGURE 2
CONTROL WIRING FOR GAS OR OIL FURNACE



Application Guidelines

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01 -in. wc.
2. Minimum outdoor operation air temperature for cooling mode without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Use only copper wire for electric connections at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
6. Do not apply capillary tube indoor coils to these units.
7. Factory-supplied filter drier must be installed.

Refrigerant Line Size Information

14.3 SEER2 Single-Stage Air-Conditioners												
Unit Size	Allowable Liquid Line Size	Allowable Suction Line Size	Apply Long Line Guidelines if Linear Line Length Exceeds Those Shown Below (Feet)	Equivalent Length (Feet)									
				< 25	26-50	51-75	76-100	101-125	126-150	151-175	176-200	201-225	226-250
			(-)A14AZ	Maximum Vertical Rise (Outdoor Unit Below Indoor Unit) * / Capacity Multiplier									
1.5 Ton **SEE NOTE 3	1/4"	5/8"	N/A	25 / 1.00	50 / 0.99	62 / 0.98	43 / 0.98	24 / 0.97	5 / 0.97	NR	NR	NR	NR
	5/16"	5/8"	223	25 / 1.00	50 / 0.99	75 / 0.98	98 / 0.98	93 / 0.97	88 / 0.97	83 / 0.96	78 / 0.96	73 / 0.95	68 / 0.94
	3/8"	5/8"	148	25 / 1.00	50 / 0.99	75 / 0.98	100 / 0.98	100 / 0.97	100 / 0.97	100 / 0.96	100 / 0.96	100 / 0.95	100 / 0.94
	1/4"	3/4"**	N/A	25 / 1.00	50 / 1.00	62 / 0.99	43 / 0.99	24 / 0.99	5 / 0.99	NR	NR	NR	NR
	5/16"	3/4"**	223	25 / 1.00	50 / 1.00	75 / 0.99	98 / 0.99	93 / 0.99	88 / 0.99	83 / 0.99	78 / 0.98	73 / 0.98	68 / 0.98
	3/8"	3/4"**	148	25 / 1.00	50 / 1.00	75 / 1.00	100 / 0.99	100 / 0.99	100 / 0.99	100 / 0.99	100 / 0.98	100 / 0.98	100 / 0.98
2 Ton	1/4"	5/8"	N/A	25 / 0.99	50 / 0.98	21 / 0.97	NR	NR	NR	NR	NR	NR	NR
	5/16"	5/8"	213	25 / 0.99	50 / 0.98	75 / 0.97	87 / 0.96	77 / 0.95	69 / 0.94	61 / 0.93	53 / 0.92	45 / 0.91	37 / 0.90
	3/8"	5/8"	142	25 / 0.99	50 / 0.98	75 / 0.97	100 / 0.96	100 / 0.95	100 / 0.94	98 / 0.93	95 / 0.92	92 / 0.91	89 / 0.90
	1/4"	3/4"	N/A	25 /1.00	50 / 1.00	21 / 0.99	NR	NR	NR	NR	NR	NR	NR
	5/16"	3/4"	213	25 /1.00	50 / 1.00	75 / 0.99	87 / 0.99	77 / 0.98	69 / 0.98	61 / 0.98	53 / 0.97	45 / 0.97	37 / 0.96
	3/8"	3/4"	142	25 / 1.00	50 / 1.00	75 / 0.99	100 / 0.99	100 / 0.98	100 / 0.98	98 / 0.98	95 / 0.97	93 / 0.97	90 / 0.96
2.5 Ton	5/16"	5/8"	N/A	25 / 0.99	50 / 0.98	75 / 0.96	70 / 0.94	59 / 0.93	48 / 0.91	36 / 0.90	NR	NR	NR
	3/8"	5/8"	117	25 / 0.99	50 / 0.98	75 / 0.96	100 / 0.94	98 / 0.93	94 / 0.91	90 / 0.90	NR	NR	NR
	5/16"	3/4"	175	25 / 1.00	50 / 0.99	75 / 0.99	70 / 0.98	59 / 0.98	48 / 0.97	36 / 0.96	25 / 0.96	13 / 0.95	NR
	3/8"	3/4"	117	25 / 1.00	50 / 0.99	75 / 0.99	100 / 0.98	98 / 0.98	94 / 0.97	90 / 0.96	86 / 0.96	82 / 0.95	78 / 0.95
3 Ton	5/16"	5/8"	N/A	25 / 0.99	50 / 0.97	66 / 0.94	49 / 0.92	32 / 0.90	NR	NR	NR	NR	NR
	3/8"	5/8"	85	25 / 0.99	50 / 0.97	75 / 0.94	95 / 0.92	89 / 0.90	NR	NR	NR	NR	NR
	5/16"	3/4"	128	25 / 1.00	50 / 0.99	66 / 0.98	49 / 0.98	32 / 0.97	15 / 0.96	NR	NR	NR	NR
	3/8"	3/4"	85	25 / 1.00	50 / 0.99	75 / 0.98	95 / 0.98	89 / 0.97	84 / 0.96	78 / 0.95	72 / 0.94	67 / 0.93	61 / 0.93
	1/2"	3/4"	43	25 / 1.00	50 / 0.99	75 / 0.98	100 / 0.98	100 / 0.97	100 / 0.96	100 / 0.95	100 / 0.94	100 / 0.93	100 / 0.93
	5/16"	7/8"	128	25 / 1.00	50 / 1.00	66 / 1.00	49 / 0.99	32 / 0.99	15 / 0.99	NR	NR	NR	NR
	3/8"	7/8"	85	25 / 1.00	50 / 1.00	75 / 1.00	95 / 0.99	89 / 0.99	84 / 0.99	78 / 0.98	72 / 0.98	67 / 0.98	61 / 0.97
	1/2"	7/8"	43	25 / 1.00	50 / 1.00	75 / 1.00	100 / 0.99	100 / 0.99	100 / 0.99	100 / 0.98	100 / 0.98	100 / 0.98	100 / 0.97
3.5 Ton	3/8"	3/4"	102	25 / 0.99	50 / 0.98	75 / 0.97	88 / 0.96	80 / 0.95	72 / 0.94	65 / 0.92	57 / 0.91	49 / 0.90	NR
	1/2"	3/4"	51	25 / 0.99	50 / 0.98	75 / 0.97	100 / 0.96	100 / 0.95	100 / 0.94	100 / 0.92	100 / 0.91	100 / 0.90	NR
	3/8"	7/8"	102	25 / 1.00	50 / 1.00	75 / 0.99	88 / 0.99	80 / 0.99	72 / 0.98	65 / 0.97	57 / 0.97	49 / 0.96	42 / 0.96
	1/2"	7/8"	51	25 / 1.00	50 / 1.00	75 / 0.99	100 / 0.99	100 / 0.99	100 / 0.98	100 / 0.97	100 / 0.97	100 / 0.96	100 / 0.96

NOTES:

1) Do not exceed 200 ft linear line length.
2) *Do not exceed 100 ft vertical separation if outdoor unit is above indoor unit.
3) **3/4" suction line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Refrigerant Line Size Information (Con't.)

14.3 SEER2 Single-Stage Air-Conditioners													
Unit Size	Allowable Liquid Line Size	Allowable Suction Line Size	Apply Long Line Guidelines if Linear Line Length Exceeds Those Shown Below (Feet)	Equivalent Length (Feet)									
				< 25	26-50	51-75	76-100	101-125	126-150	151-175	176-200	201-225	226-250
			(-)A14AZ	Maximum Vertical Rise (Outdoor Unit Below Indoor Unit) * / Capacity Multiplier									
4 Ton	3/8"	3/4"	110	25 / 0.99	50 / 0.98	75 / 0.96	77 / 0.95	67 / 0.93	57 / 0.92	46 / 0.91	NR	NR	NR
	1/2"	3/4"	55	25 / 0.99	50 / 0.98	75 / 0.96	100 / 0.95	100 / 0.93	100 / 0.92	100 / 0.91	NR	NR	NR
	3/8"	7/8"	110	25 / 1.00	50 / 0.99	75 / 0.99	77 / 0.98	67 / 0.97	57 / 0.97	46 / 0.96	36 / 0.96	26 / 0.95	15 / 0.95
	1/2"	7/8"	55	25 / 1.00	50 / 0.99	75 / 0.99	100 / 0.98	100 / 0.97	100 / 0.97	100 / 0.96	100 / 0.96	99 / 0.95	97 / 0.95
5 Ton	3/8"	3/4"	0	25 / 0.99	50 / 0.97	75 / 0.94	61 / 0.92	46 / 0.90	NR	NR	NR	NR	NR
	1/2"	3/4"	0	25 / 0.99	50 / 0.97	75 / 0.94	100 / 0.92	100 / 0.90	NR	NR	NR	NR	NR
	3/8"	7/8"	0	25 / 1.00	50 / 0.99	75 / 0.98	61 / 0.97	46 / 0.96	32 / 0.95	18 / 0.94	NR	NR	NR
	1/2"	7/8"	0	25 / 1.00	50 / 0.99	75 / 0.98	100 / 0.97	100 /0.96	100 / 0.95	97 / 0.94	95 / 0.94	92 / 0.93	89 / 0.92
	3/8"	1-1/8"	0	25 / 1.01	50 / 1.01	75 / 1.00	61 / 1.00	46 / 0.99	32 / 0.99	18 / 0.99	NR	NR	NR
	1/2"	1-1/8"	0	25 / 1.01	50 / 1.01	75 / 1.00	100 /1.00	100 / 0.99	100 / 0.99	97 / 0.99	95 / 0.99	92 / 0.99	89 / 0.98

NOTES:

1) Do not exceed 200 ft linear line length.
2) *Do not exceed 100 ft vertical separation if outdoor unit is above indoor unit.
3) **3/4" suction line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Refrigerant Line Size Information (Con't.)

14.3 SEER2 Single-Stage Air-Conditioners												
Unit Size	Allowable Liquid Line Size mm [in.]	Allowable Suction Line Size mm [in.]	Apply Long Line Guidelines if Linear Line Length Exceeds Those Shown Below (Feet)	Equivalent Length (Meters)									
				< 8	8-15	16-23	24-30	31-38	39-46	47-53	54-61	62-69	70-76
			(-)A14AZ	Maximum Vertical Rise (Outdoor Unit Below Indoor Unit) * / Capacity Multiplier									
5.3 KW [1.5 Ton] **SEE NOTE 3	6.35 [1/4]	15.88 [5/8]	N/A	8 / 1.00	15 / 0.99	19 / 0.98	13 / 0.98	7 / 0.97	2 / 0.97	NR	NR	NR	NR
	7.94 [5/16]	15.88 [5/8]	68	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.98	28 / 0.97	27 / 0.97	25 / 0.96	24 / 0.96	22 / 0.95	21 / 0.94
	9.53 [3/8]	15.88 [5/8]	45	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.98	30 / 0.97	30 / 0.97	30 / 0.96	30 / 0.96	30 / 0.95	30 / 0.94
	6.35 [1/4]	19.05 [3/4]**	N/A	8 / 1.00	15 / 1.00	19 / 0.99	13 / 0.99	7 / 0.99	2 / 0.99	NR	NR	NR	NR
	7.94 [5/16]	19.05 [3/4]**	68	8 / 1.00	15 / 1.00	23 / 0.99	30 / 0.99	28 / 0.99	27 / 0.99	25 / 0.99	24 / 0.98	22 / 0.98	21 / 0.98
	9.53 [3/8]	19.05 [3/4]**	Metric	8 / 1.00	15 / 1.00	23 / 0.99	30 / 0.99	30 / 0.99	30 / 0.99	30 / 0.99	30 / 0.98	30 / 0.98	30 / 0.98
7.0 KW [2 Ton]	6.35 [1/4]	15.88 [5/8]	N/A	8 / 0.99	15 / 0.98	6 / 0.97	NR	NR	NR	NR	NR	NR	NR
	7.94 [5/16]	15.88 [5/8]	59	8 / 0.99	15 / 0.98	23 / 0.97	27 / 0.96	23 / 0.95	21 / 0.94	19 / 0.93	16 / 0.92	14 / 0.91	11 / 0.90
	9.53 [3/8]	15.88 [5/8]	39	8 / 0.99	15 / 0.98	23 / 0.97	30 / 0.96	30 / 0.95	30 / 0.94	30 / 0.93	29 / 0.92	28 / 0.91	27 / 0.90
	6.35 [1/4]	19.05 [3/4]	N/A	8 / 1.00	15 / 1.00	6 / 0.99	NR	NR	NR	NR	NR	NR	NR
	7.94 [5/16]	19.05 [3/4]	59	8 / 1.00	15 / 1.00	23 / 0.99	27 / 0.99	23 / 0.98	21 / 0.98	19 / 0.98	16 / 0.97	14 / 0.97	11 / 0.96
	9.53 [3/8]	19.05 [3/4]	39	8 / 1.00	15 / 1.00	23 / 0.99	30 / 0.99	30 / 0.98	30 / 0.98	30 / 0.98	29 / 0.97	28 / 0.97	27 / 0.96
8.8 KW [2.5 Ton]	7.94 [5/16]	15.88 [5/8]	N/A	8 / 0.99	15 / 0.98	23 / 0.96	21 / 0.94	18 / 0.93	15 / 0.91	11 / 0.90	NR	NR	NR
	9.53 [3/8]	15.88 [5/8]	36	8 / 0.99	15 / 0.98	23 / 0.96	30 / 0.94	30 / 0.93	29 / 0.91	27 / 0.90	NR	NR	NR
	7.94 [5/16]	19.05 [3/4]	53	8 / 1.00	15 / 0.99	23 / 0.99	21 / 0.98	18 / 0.98	15 / 0.97	11 / 0.96	8 / 0.96	4 / 0.95	NR
	9.53 [3/8]	19.05 [3/4]	36	8 / 1.00	15 / 0.99	23 / 0.99	30 / 0.98	30 / 0.98	29 / 0.97	27 / 0.96	26 / 0.96	25 / 0.95	24 / 0.95
10.6 KW [3 Ton]	7.94 [5/16]	15.88 [5/8]	N/A	8 / 0.99	15 / 0.97	20 / 0.94	15 / 0.92	10 / 0.90	NR	NR	NR	NR	NR
	9.53 [3/8]	15.88 [5/8]	26	8 / 0.99	15 / 0.97	23 / 0.94	29 / 0.92	27 / 0.90	NR	NR	NR	NR	NR
	7.94 [5/16]	19.05 [3/4]	39	8 / 1.00	15 / 0.99	20 / 0.98	15 / 0.98	10 / 0.97	5 / 0.96	NR	NR	NR	NR
	9.53 [3/8]	19.05 [3/4]	26	8 / 1.00	15 / 0.99	23 / 0.98	29 / 0.98	27 / 0.97	26 / 0.96	24 / 0.95	22 / 0.94	20 / 0.93	19 / 0.93
	12.70 [1/2]	19.05 [3/4]	13	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.98	30 / 0.97	30 / 0.96	30 / 0.95	30 / 0.94	30 / 0.93	30 / 0.93
	7.94 [5/16]	22.23 [7/8]	39	8 / 1.00	15 / 1.00	20 / 1.00	15 / 0.99	10 / 0.99	5 / 0.99	NR	NR	NR	NR
	9.53 [3/8]	22.23 [7/8]	26	8 / 1.00	15 / 1.00	23 / 1.00	29 / 0.99	27 / 0.99	26 / 0.99	24 / 0.98	22 / 0.98	20 / 0.98	19 / 0.97
	12.70 [1/2]	22.23 [7/8]	13	8 / 1.00	15 / 1.00	23 / 1.00	30 / 0.99	30 / 0.99	30 / 0.99	30 / 0.98	30 / 0.98	30 / 0.98	30 / 0.97
12.3 KW [3.5 Ton]	9.53 [3/8]	19.05 [3/4]	31	8 / 0.99	15 / 0.98	23 / 0.97	27 / 0.96	24 / 0.95	22 / 0.94	20 / 0.92	17 / 0.91	15 / 0.90	NR
	12.70 [1/2]	19.05 [3/4]	15	8 / 0.99	15 / 0.98	23 / 0.97	30 / 0.96	30 / 0.95	30 / 0.94	30 / 0.92	30 / 0.91	30 / 0.90	NR
	9.53 [3/8]	22.23 [7/8]	31	8 / 1.00	15 / 1.00	23 / 0.99	27 / 0.99	24 / 0.99	22 / 0.98	20 / 0.97	17 / 0.97	15 / 0.96	13 / 0.96
	12.70 [1/2]	22.23 [7/8]	15	8 / 1.00	15 / 1.00	23 / 0.99	30 / 0.99	30 / 0.99	30 / 0.98	30 / 0.97	30 / 0.97	30 / 0.96	30 / 0.96

NOTES:

1) Do not exceed 200 ft linear line length.
2) *Do not exceed 100 ft vertical separation if outdoor unit is above indoor unit.
3) **3/4" suction line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Refrigerant Line Size Information (Con't.)

14.3 SEER2 Single-Stage Air-Conditioners													
Unit Size	Allowable Liquid Line Size mm [in.]	Allowable Suction Line Size mm [in.]	Apply Long Line Guidelines if Linear Line Length Exceeds Those Shown Below (Feet)	Equivalent Length (Meters)									
				< 25	26-50	51-75	76-100	101-125	126-150	151-175	176-200	201-225	226-250
			(-)A14AZ	Maximum Vertical Rise (Outdoor Unit Below Indoor Unit) * / Capacity Multiplier									
14.1 KW [4 Ton]	9.53 [3/8]	19.05 [3/4]	34	8 / 0.99	15 / 0.98	23 / 0.96	24 / 0.95	20 / 0.93	17 / 0.92	14 / 0.91	NR	NR	NR
	12.7 [1/2]	19.05 [3/4]	17	8 / 0.99	15 / 0.98	23 / 0.96	30 / 0.95	30 / 0.93	30 / 0.92	30 / 0.91	NR	NR	NR
	9.53 [3/8]	22.23 [7/8]	34	8 / 1.00	15 / 0.99	23 / 0.99	24 / 0.98	20 / 0.97	17 / 0.97	14 / 0.96	11 / 0.96	8 / 0.95	5 / 0.95
	12.7 [1/2]	22.23 [7/8]	17	8 / 1.00	15 / 0.99	23 / 0.99	30 / 0.98	30 / 0.97	30 / 0.97	30 / 0.96	30 / 0.96	30 / 0.95	30 / 0.95
17.6 KW [5 Ton]	9.53 [3/8]	19.05 [3/4]	0	8 / 0.99	15 / 0.97	23 / 0.94	19 / 0.92	14 / 0.90	NR	NR	NR	NR	NR
	12.7 [1/2]	19.05 [3/4]	0	8 / 0.99	15 / 0.97	23 / 0.94	30 / 0.92	30 / 0.90	NR	NR	NR	NR	NR
	9.53 [3/8]	22.23 [7/8]	0	8 / 1.00	15 / 0.99	23 / 0.98	19 / 0.97	14 / 0.96	10 / 0.95	5 / 0.94	NR	NR	NR
	12.7 [1/2]	22.23 [7/8]	0	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.97	30 /0.96	30 / 0.95	30 / 0.94	29 / 0.94	28 / 0.93	27 / 0.92
	9.53 [3/8]	28.58 [1-1/8]	0	8 / 1.01	15 / 1.01	23 / 1.00	19 / 1.00	14 / 0.99	10 / 0.99	5 / 0.99	NR	NR	NR
	12.7 [1/2]	28.58 [1-1/8]	0	8 / 1.01	15 / 1.01	23 / 1.00	30 / 1.00	30 / 0.99	30 / 0.99	30 / 0.99	29 / 0.99	28 / 0.99	27 / 0.98

NOTES:

1) Do not exceed 200 ft linear line length.
2) *Do not exceed 100 ft vertical separation if outdoor unit is above indoor unit.
3) **3/4" suction line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Performance Data @ AHRI Standard Conditions – Cooling

Designated Tested Combination (DTC)							
Outdoor Unit	**Indoor Coil**	**Total Capacity BTU/H [kW]**	**Net Sensible BTU/H [kW]**	**Net Latent BTU/H [kW]**	**SEER2**	**EER2**	**Indoor CFM [L/s]**
WA14AZ18AJ1	RCFZ2417STAN	17600 [5.2]	13500 [4.0]	4100 [1.2]	14.3	11.7	600 [283.2]
WA14AZ24AJ1	RCFZ2417STAN	22800 [6.7]	17500 [5.1]	5300 [1.6]	14.3	11.7	725 [342.2]
WA14AZ30AJ1	RCFZ3617STAN	28800 [8.4]	22100 [6.5]	6700 [2.0]	14.3	11.7	900 [424.8]
WA14AZ36AJ1	RCFZ3617STAN	34200 [10.0]	26200 [7.7]	8000 [2.3]	14.3	11.7	1025 [483.7]
WA14AZ42AJ1	RCFZ4821STAN	38500 [11.3]	29500 [8.6]	9000 [2.6]	14.3	11.7	1300 [613.5]
WA14AZ48AJ1	RCFZ4821STAN	45000 [13.2]	34500 [10.1]	10500 [3.1]	13.8	11.2	1425 [672.5]
WA14AZ60AJ1	RCFZ6024STAN	56000 [16.4]	42900 [12.6]	13100 [3.8]	13.8	11.2	1600 [755.1]

NOTE: This data includes DTC (Designated Test Combination) ratings and is for reference purposes only. A full listing of official ratings and system match-ups, along with downloadable certificates, can be accessed from the AHRI website: www.ahridirectory.org.

[ ] Designates Metric Conversions

PRELIMINARY

The new degree of comfort.®

Endeavor™ Line *Select*® Series iC Air Conditioners

This product meets a stringent set of our internally defined sustainability standards

WA15AZ

Cooling Efficiencies up to: 15.2 SEER2/9.8 EER2
Nominal Sizes: 2 to 5 Ton [7.0 to 17.6 kW]
Cooling Capacities: 17.1 to 55.5 kBTU [5.0 to 16.3 kW]

ISO 9001:2015

AHRI CERTIFIED. www.ahridirectory.org Unitary Small AC AHRI Standard 210/240

c UL us LISTED

Table of Contents

Features and Benefits

- **Bluetooth Connectivity:** With the Rheem Contractor App, built-in technology makes advanced set-up, monitoring, troubleshooting and repairing the product easier than ever before
- **Variable Speed Twin Rotary Compressor & Inverter Drive:**
  - 3+ Stage Operation when installed with a 24V two-stage thermostat
  - Provides precise temperature control, advanced humidity control and greater efficiency
- **Swept Wing Fan Technology:** Features quieter operation and improved unit acoustics
- **7 mm Condenser Copper Coil:** Requires less refrigerant allowing for a smaller and lighter footprint while enhancing reliability
- **Pre-Painted Louvered Steel Cabinet:** Features durable construction to add protection from yard hazards, weather corrosion
- **Easily Accessible Control Box:** Leads to ease of installation and future serviceability

Air Conditioners

W	A	15	A	Z	24	A	J	3	N	A
Brand	**Product Category**	**SEER2**	**Region**	**Refrigerant**	**Capacity BTU/HR**	**Major Series**	**Voltage**	**Type**	**Controls**	**Minor Series**
W - Rheem Select	A - Air Conditioners	15 - 15.2 SEER2	A - All	Z - R-410A	24 - 24,000 [7.03 kW] 36 - 36,000 [10.55 kW] 48 - 48,000 [14.07 kW] 60 - 60,000 [17.58 kW]	A - 1st Design	J - 208/230/1/60	3 - 3+ Stage	N - Non-Communicating	A - 1st Design

[ ] Designates Metric Conversions

AVAILABLE MODELS	DESCRIPTION
WA15AZ24AJ3NA	Endeavor™ Line *Select*® Series 2 ton 3+ Speed iM Air Conditioner – 208/230/1/60
WA15AZ36AJ3NA	Endeavor™ Line *Select*® Series 3 ton 3+ Speed iM Air Conditioner – 208/230/1/60
WA15AZ48AJ3NA	Endeavor™ Line *Select*® Series 4 ton 3+ Speed iM Air Conditioner – 208/230/1/60
WA15AZ60AJ3NA	Endeavor™ Line *Select*® Series 5 ton 3+ Speed iM Air Conditioner – 208/230/1/60

STANDARD EQUIPMENT
R-410A Refrigerant
Twin Rotary Compressor
Field Installed Filter Drier
Front Seating Service Valves
Internal Pressure Relief Valve
Internal Thermal Overload
Long Line capability
Low Ambient capability with Kit
Optimized Venturi Airflow
Rust resistant screws
QR code
External gauge ports

General Data

MODEL NO.	WA15AZ24AJ3	WA15AZ36AJ3	WA15AZ48AJ3	WA15AZ60AJ3
Nominal Tonnage	2.0	3.0	4.0	5.0
Valve Connections				
Liquid Line O.D. – in.	3/8	3/8	3/8	3/8
Suction Line O.D. – in.	3/4	3/4	7/8	7/8
Refrigerant (R410A) furnished oz.[1]	91	119	130	154
Compressor Type	Twin Rotary			
Outdoor Coil				
Net face area – Outer Coil	11.79	14.4	16.42	17.88
Net face area – Inner Coil	—	—	—	—
Tube diameter – in.	0.276	0.276	0.276	0.276
Number of rows	1	1	1	1
Fins per inch	24	24	24	24
Outdoor Fan				
Diameter – in.	20	24	24	26
Number of blades	3	3	3	3
Motor hp	1/5	1/5	1/3	1/2
CFM	2908	4138	4529	5274
RPM	1075	1000	1075	1075
watts	170	267	294	370
Shipping weight – lbs.	COMING SOON			
Operating weight – lbs.				

Electrical Data

Line Voltage Data (Volts-Phase-Hz)	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Maximum overcurrent protection (amps)[2]	20	30	40	50
Minimum circuit ampacity[3]	12	20	25	32
Compressor				
Rated load amps	10	15	20	25
Locked rotor amps	65	70	96	119

[1]Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the installation instructions for information about set length and additional refrigerant charge required.
[2]HACR type circuit breaker of fuse.
[3]Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements.

Accessories

MODEL NO.		WA15AZ24AJ3	WA15AZ36AJ3	WA15AZ48AJ3	WA15AZ60AJ3
Compressor crankcase heater*		N/A	N/A	N/A	N/A
Low ambient control		47-102709-10	47-102709-10	47-102709-10	47-102709-10
Compressor sound cover		68-23427-27	68-23427-28	68-23427-29	68-23427-29
Low pressure control		47-103454-01	47-103454-01	47-103454-01	47-103454-01
High pressure control		47-103669-02	47-103669-02	47-103669-02	47-103669-02
Liquid Line Solenoid (24 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC
	Solenoid Coil	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V
Liquid Line Solenoid (120/240 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC
	Solenoid Coil	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V

*Crankcase Heater recommended with Low Ambient Kit.

Weighted Sound Power Level (dBA)

Unit Size - Voltage, Series	Standard Rating (dBA) Low Speed/ High Speed	TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment)							Sound Power
		125	250	500	1000	2000	4000	8000	
WA15AZ24AJ3	63.3	35.9	47.9	55.3	53.2	50.4	47.1	43.8	Sound Blankets – Standard
	71.7	46.1	59.1	63.2	60.8	58.7	56.5	47.9	
WA15AZ36AJ3	61.4	38.5	48.0	53.8	49.2	45.9	47.0	47.4	
	72.9	47.5	59.5	64.9	60.7	62.6	57.0	49.6	
WA15AZ48AJ3	63.8	42.3	45.9	53.5	48.9	45.8	59.1	36.4	
	76.2	49.4	61.4	68.1	53.9	60.8	57.4	48.5	
WA15AZ60AJ3	65.7	39.7	49.0	58.2	54.5	52.2	53.8	41.3	
	76.7	49.3	64.6	68.1	65.1	62.6	58.6	53.0	

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI)

Unit Dimensions

MODEL NO.	OPERATING						SHIPPING					
	H (Height)		L (Length)		W (Width)		H (Height)		L (Length)		W (Width)	
	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
WA15AZ24AJ3	27.17	690	29.54	750	29.54	750	29.06	738	32.63	829	32.63	829
WA15AZ36AJ3	27.17	690	33.66	855	33.66	855	29.06	738	36.63	930	36.63	930
WA15AZ48AJ3	31.17	792	33.66	855	33.66	855	33.06	840	36.63	930	36.63	930
WA15AZ60AJ3	31.17	792	35.54	903	35.54	903	33.06	840	38.63	981	38.63	981

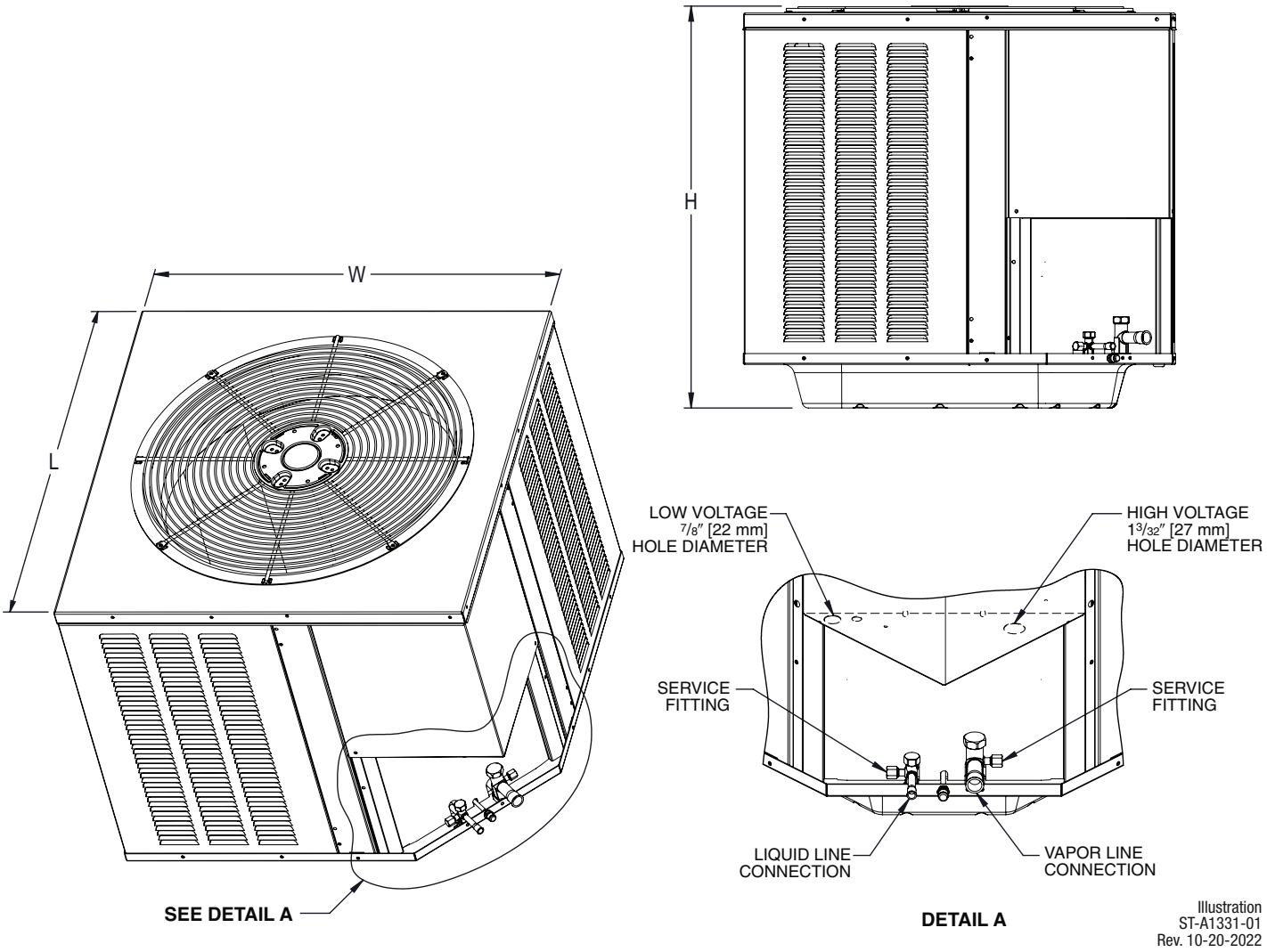
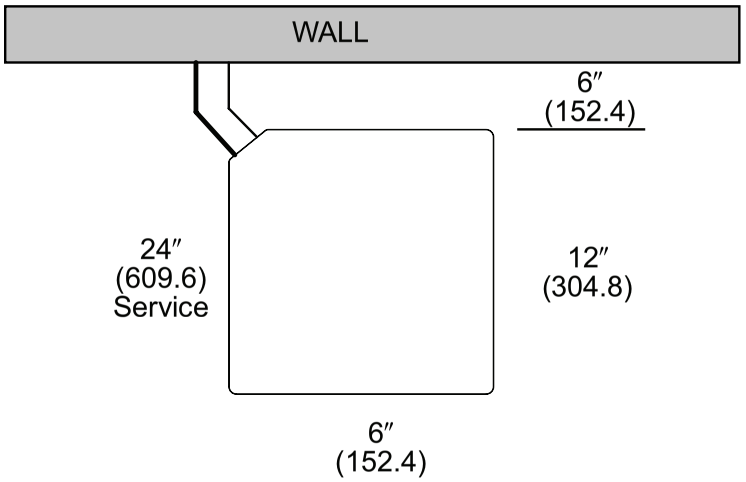


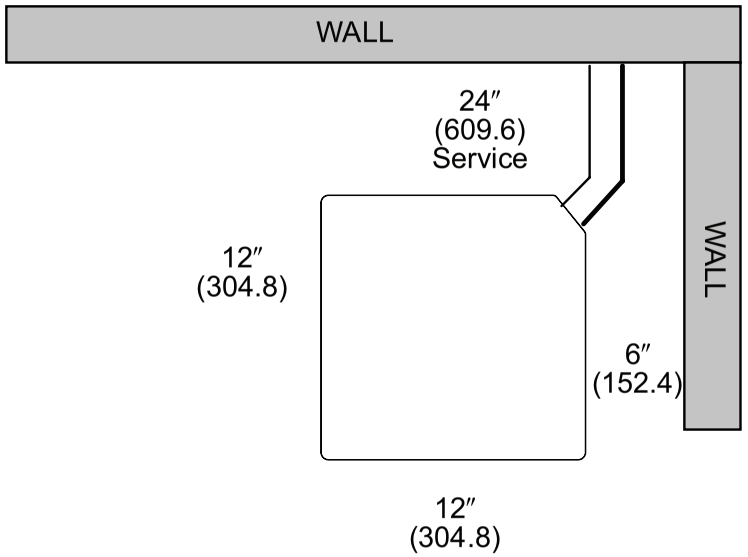
Illustration
ST-A1331-01
Rev. 10-20-2022

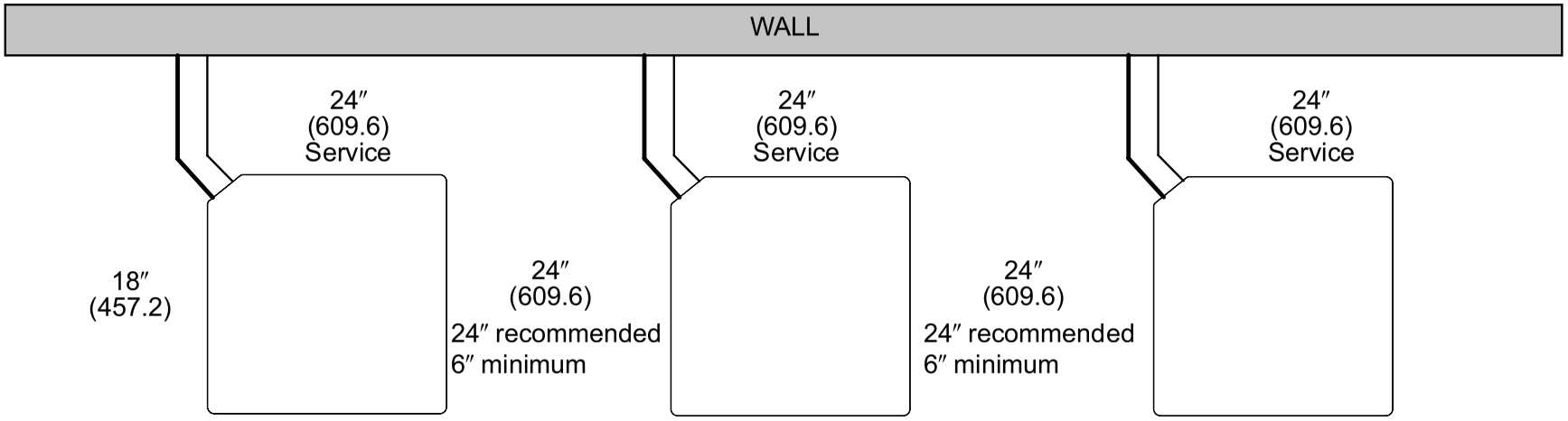
NOTE: Illustrations show the deep drawn basepan.

[ ] Designates Metric Conversions

CLEARANCES





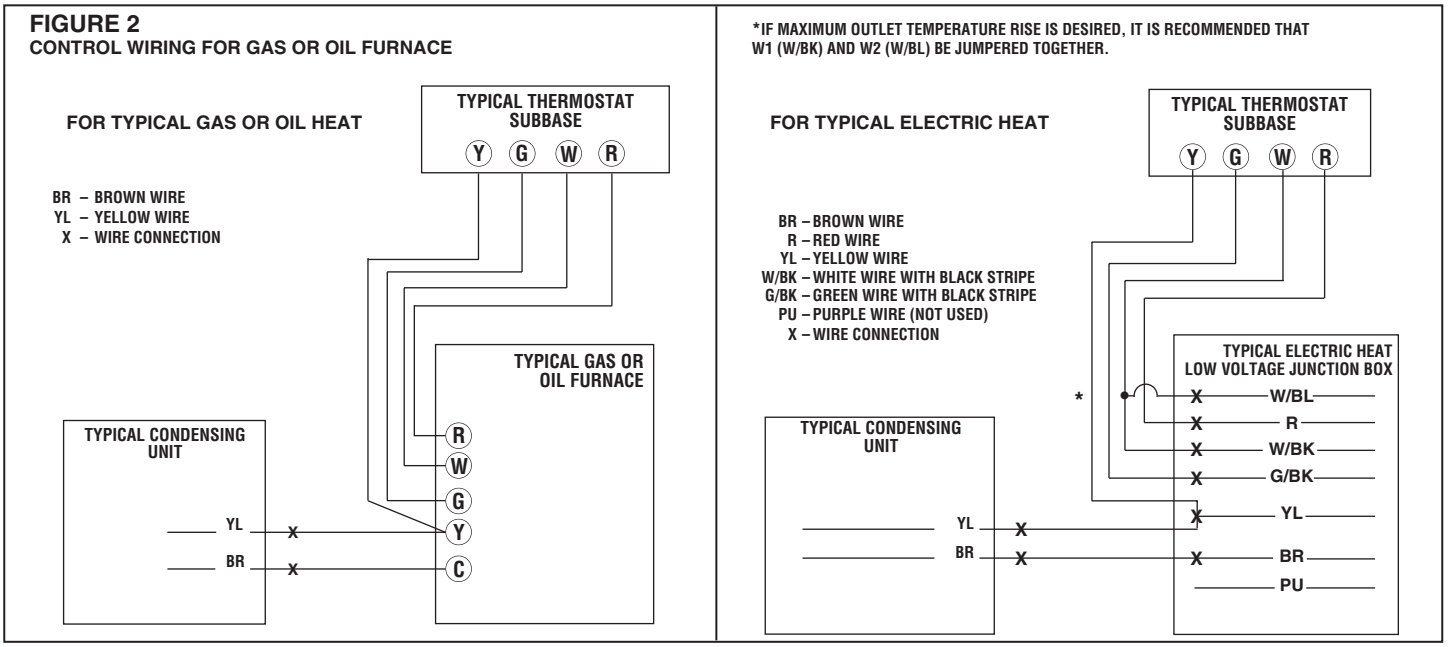


NOTE: NUMBERS IN () = mm

IMPORTANT: When installing multiple units in an alcove, roof well or partially enclosed area, ensure there is adequate ventillation to prevent re-circulation of discharge air.

Control Wiring

FIGURE 2
CONTROL WIRING FOR GAS OR OIL FURNACE



Application Guidelines

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01 -in. wc.
2. Minimum outdoor operation air temperature for cooling mode without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Use only copper wire for electric connections at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
6. Do not apply capillary tube indoor coils to these units.
7. Factory-supplied filter drier must be installed.

Refrigerant Line Size Information

15/16 SEER2 VARIABLE SPEED AIR CONDITIONERS								
Unit Size	**Allowable Liquid Line Size**	**Allowable Vapor Line Size**	**Outdoor Unit ABOVE or BELOW Indoor Unit Equivalent Length (Feet)**					
			< 25	**26-50**	**51-75**	**76-100**	**101-125**	**126-150**
			Maximum Vertical Separation / Capacity Multiplier					
2.0 Ton ****SEE NOTE 3**	1/4"	5/8"	25/1.00	50/0.99	32/0.98	40/0.97	NR	NR
	5/16"	5/8"	25/1.00	50/0.99	50/0.98	50/0.97	50/0.96	50/0.95
	3/8"	5/8"	25/1.00	50/0.99	50/0.98	50/0.97	50/0.96	50/0.95
	1/4"	3/4"**	25/1.00	50/1.00	32/0.99	40/0.99	NR	NR
	5/16"	3/4"**	25/1.00	50/1.00	50/0.99	50/0.99	50/0.99	50/0.98
	3/8"	3/4"**	25/1.00	50/1.00	50/0.99	50/0.99	50/0.99	50/0.98
3 Ton	5/16"	5/8"	25/0.99	50/0.97	50/0.95	50/0.93	37/0.91	NR
	3/8"	5/8"	25/0.99	50/0.97	50/0.95	50/0.93	50/0.91	NR
	5/16"	3/4"	25/1.00	50/0.99	50/0.99	50/0.98	37/0.97	22/0.96
	3/8"	3/4"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.97	50/0.96
	1/2"	3/4"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.97	50/0.96
4 Ton	3/8"	3/4"	25/0.99	50/0.98	50/0.97	50/0.96	50/0.94	50/0.93
	1/2"	3/4"	25/0.99	50/0.98	50/0.97	50/0.96	50/0.94	50/0.93
	3/8"	7/8"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.98	50/0.97
	1/2"	7/8"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.98	50/0.97
5 Ton	3/8"	3/4"	25/0.99	50/0.97	50/0.95	50/0.93	50/0.91	NR
	1/2"	3/4"	25/0.99	50/0.97	50/0.95	50/0.93	50/0.91	NR
	3/8"	7/8"	25/1.00	50/0.99	50/0.98	50/0.98	50/0.97	38/0.96
	1/2"	7/8"	25/1.00	50/0.99	50/0.98	50/0.98	50/0.97	50/0.96

NOTES:

1) Do not exceed 150 ft. linear line length.
2) *Do not exceed 50 ft. vertical separation between indoor and outdoor units.
3) **3/4" suction line should only be used for 2 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

[ ] Designates Metric Conversions

Refrigerant Line Size Information (Con't.)

15/16 SEER2 VARIABLE SPEED AIR CONDITIONERS								
Unit Size	**Allowable Liquid Line Size**	**Allowable Vapor Line Size**	**Outdoor Unit ABOVE or BELOW Indoor Unit Equivalent Length (Meters)**					
			< 8	**8-15**	**16-23**	**23-31**	**31-38**	**38-46**
			Maximum Vertical Separation / Capacity Multiplier					
2.0 Ton ****SEE NOTE 3**	6.35 [1/4]	15.88 [5/8]	8/1.00	15/0.99	10/0.98	10/0.97	NR	NR
	7.94 [5/16]	15.88 [5/8]	8/1.00	15/0.99	15/0.98	15/0.97	15/0.96	15/0.95
	9.53 [3/8]	15.88 [5/8]	8/1.00	15/0.99	15/0.98	15/0.97	15/0.96	15/0.95
	6.35 [1/4]	19.05 [3/4]**	8/1.00	15/0.99	10/0.99	12/0.99	NR	NR
	7.94 [5/16]	19.05 [3/4]**	8/1.00	15/0.99	15/0.99	15/0.99	15/0.99	15/0.98
	9.53 [3/8]	19.05 [3/4]**	8/1.00	15/0.99	15/0.99	15/0.99	15/0.99	15/0.98
3 Ton	7.94 [5/16]	15.88 [5/8]	8/0.99	15/0.97	15/0.95	15/0.93	11/0.91	NR
	9.53 [3/8]	15.88 [5/8]	8/0.99	15/0.97	15/0.95	15/0.93	15/0.91	NR
	7.94 [5/16]	19.05 [3/4]	8/1.00	15/0.99	15/0.99	15/0.98	11/0.97	7/0.96
	9.53 [3/8]	19.05 [3/4]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.97	15/0.96
	12.7 [1/2]	19.05 [3/4]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.97	15/0.96
4 Ton	9.53 [3/8]	19.05 [3/4]	8/0.99	15/0.98	15/0.97	15/0.96	15/0.94	15/0.93
	12.7 [1/2]	19.05 [3/4]	8/0.99	15/0.98	15/0.97	15/0.96	15/0.94	15/0.93
	9.53 [3/8]	22.23 [7/8]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.98	15/0.97
	12.7 [1/2]	22.23 [7/8]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.98	15/0.97
5 Ton	9.53 [3/8]	19.05 [3/4]	8/0.99	15/0.97	15/0.95	15/0.93	15/0.91	NR
	12.7 [1/2]	19.05 [3/4]	8/0.99	15/0.97	15/0.95	15/0.93	15/0.91	NR
	9.53 [3/8]	22.23 [7/8]	8/1.00	15/0.99	15/0.98	15/0.98	15/0.97	12/0.96
	12.7 [1/2]	22.23 [7/8]	8/1.00	15/0.99	15/0.98	15/0.98	15/0.97	15/0.97

NOTES:

1) Do not exceed 46 meters linear line length.
2) *Do not exceed 15 meters vertical separation between indoor and outdoor units.
3) **19.05mm [3/4 in.] vapor line should only be used for 2 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Additional Oil, Oz.											
Lineset Length	**50**	**60**	**70**	**80**	**90**	**100**	**110**	**120**	**130**	**140**	**150**
2T	N/A	N/A	N/A	N/A	N/A	1	2	3	5	6	7
3T	N/A	N/A	N/A	N/A	N/A	N/A	1	2	3	5	6
4T	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5T	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Performance Data @ AHRI Standard Conditions – Cooling

Designated Tested Combination (DTC)							
Outdoor Unit	**Air Handler**	**Total Capacity BTU/H [kW]**	**Net Sensible BTU/H [kW]**	**Net Latent BTU/H [kW]**	**SEER2**	**EER2**	**Indoor CFM [L/s]**
WA15AZ24AJ3	RH3VZ2417STACN	22,800 [6.7]	17,600 [5.2]	5,200 [1.5]	15.2	9.8	750 [354.0]
WA15AZ36AJ3	RH3VZ3617STACN	34,200 [10.0]	26,600 [7.8]	7,600 [2.2]	15.2	9.8	1,125 [530.9]
WA15AZ48AJ3	RH3VZ4821STACN	45,500 [13.3]	35,500 [10.4]	10,000 [2.9]	15.2	9.8	1,425 [672.5]
WA15AZ60AJ3	RH3VZ6024STACN	55,500 [16.3]	43,000 [12.6]	12,500 [3.7]	15.2	9.8	1,675 [790.5]

NOTE: This data includes DTC (Designated Test Combination) ratings and is for reference purposes only. A full listing of official ratings and system match-ups, along with downloadable certificates, can be accessed from the AHRI website: www.ahridirectory.org.

[ ] Designates Metric Conversions

The new degree of comfort.®

Endeavor™ Line *Classic*® Series iM Air Conditioners

RA14AZ

Cooling Efficiency up to: 16 SEER2/13 EER2
Nominal Sizes: 1½ to 5 Ton [5.28 to 17.6 kW]
Cooling Capacities: 17.1 to 55.5 kBTU [5.0 to 16.3 kW]

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet Energy Star. Ask your Contractor for details or visit www.energystar.gov.

Table of Contents

Features and Benefits

- **Lighter Footprint & Less Environmental Impact from New 7mm Condenser Coil:** provided by a decrease in refrigerant requirements and an overall weight reduction
- **Efficient Cooling:** up to 16 SEER2/13 EER2
- **PlusOne Expanded Value Space:** 3in. – 4in. – 5 in. service valve space – provides a minimum working area of 27-square inches for easier access
- **PlusOne Triple Service Access:** 15 in. wide, industry leading corner service access – makes repairs easier and faster. The two fastener, removable corner allows optimal access to internal unit components. Individual louver panels come out once fastener is removed, for faster coil cleaning and easier cabinet reassembly
- **System Matching Simplicity:** matches to all tiers of gas furnaces
- **Modern Cabinet Aesthetics:** High curb appeal with visually appealing design
- **Curved Louver Panels:** provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity
- **Diagnostic Service Window:** with two-fastener opening – provides access to the high and low pressure
- **External Gauge Port Access:** allows easy connection of “low-loss” gauge ports
- **QR Code:** provides technical information on demand for faster service calls
- **Fan Motor Harness:** with extra-long wires allows unit top to be removed without disconnecting fan wire

Air Conditioners

R	A	14	A	Z	24	A	J	1	N	A	LHP
Brand	**Product Category**	**SEER2**	**Region**	**Refrigerant**	**Capacity BTU/HR**	**Major Series**	**Voltage**	**Type**	**Controls**	**Minor Series**	**Option Code**
Rheem	A - Air Conditioners	13.8/14.3 SEER2	A - All	Z - R-410A	18 - 18,000 [5.28 kW] 24 - 24,000 [7.03 kW] 30 - 30,000 [8.79 kW] 36 - 36,000 [10.55 kW] 42 - 42,000 [12.31 kW] 48 - 48,000 [14.07 kW] 60 - 60,000 [17.58 kW]	A - 1st Design	J - 1ph, 208-230/60	1 - Single Stage	N - Non-Communicating	A - 1st Design	LHP - W/HLPC

[ ] Designates Metric Conversions

AVAILABLE MODELS	DESCRIPTION
RA14AZ18AJ1NA	Endeavor™ Line *Classic*® Series 1 1/2 ton 14.3 SEER2 Single-Stage iM Air Conditioner-208/230/1/60
RA14AZ18AJ1NALHP	Endeavor™ Line *Classic*® Series 1 1/2 ton 14.3 SEER2 Single-Stage iM Air Conditioner w/ High/Low Pressure-208/230/1/60
RA14AZ24AJ1NA	Endeavor™ Line *Classic*® Series 2 ton 14.3 SEER2 Single-Stage iM Air Conditioner-208/230/1/60
RA14AZ24AJ1NALHP	Endeavor™ Line *Classic*® Series 2 ton 14.3 SEER2 Single-Stage iM Air Conditioner w/ High/Low Pressure-208/230/1/60
RA14AZ30AJ1NA	Endeavor™ Line *Classic*® Series 2 1/2 ton 14.3 SEER2 Single-Stage iM Air Conditioner-208/230/1/60
RA14AZ30AJ1NALHP	Endeavor™ Line *Classic*® Series 2 1/2 ton 14.3 SEER2 Single-Stage iM Air Conditioner w/ High/Low Pressure-208/230/1/60
RA14AZ36AJ1NA	Endeavor™ Line *Classic*® Series 3 ton 14.3 SEER2 Single-Stage iM Air Conditioner-208/230/1/60
RA14AZ36AJ1NALHP	Endeavor™ Line *Classic*® Series 3 ton 14.3 SEER2 Single-Stage iM Air Conditioner w/ High/Low Pressure-208/230/1/60
RA14AZ42AJ1NA	Endeavor™ Line *Classic*® Series 3 1/2 ton 14.3 SEER2 Single-Stage iM Air Conditioner-208/230/1/60
RA14AZ42AJ1NALHP	Endeavor™ Line *Classic*® Series 3 1/2 ton 14.3 SEER2 Single-Stage iM Air Conditioner w/ High/Low Pressure-208/230/1/60
RA14AZ48AJ1NA	Endeavor™ Line *Classic*® Series 4 ton 14.3 SEER2 Single-Stage iM Air Conditioner-208/230/1/60
RA14AZ48AJ1NALHP	Endeavor™ Line *Classic*® Series 4 ton 14.3 SEER2 Single-Stage iM Air Conditioner w/ High/Low Pressure-208/230/1/60
RA14AZ60AJ1NA	Endeavor™ Line *Classic*® Series 5 ton 14.3 SEER2 Single-Stage iM Air Conditioner-208/230/1/60
RA14AZ60AJ1NALHP	Endeavor™ Line *Classic*® Series 5 ton 14.3 SEER2 Single-Stage iM Air Conditioner w/ High/Low Pressure-208/230/1/60

STANDARD EQUIPMENT
R-410A Refrigerant
Scroll Compressor
Field Installed Filter Drier
Front Seating Service Valves
Internal Pressure Relief Valve
Internal Thermal Overload
Long Line capability
Low Ambient capability with Kit
3-4-5 Expanded Valve Space
Composite Basepan
2 Screw Control Box Access
15" Access to Internal Components
Quick release louver panel design
No fasteners to remove along bottom
Optimized Venturi Airflow
Powder coated paint
Rust resistant screws
QR code
External gauge ports
Service trays

General Data

GENERAL DATA							
MODEL NO.	**RA14AZ18**	**RA14AZ24**	**RA14AZ30**	**RA14AZ36**	**RA14AZ42**	**RA14AZ48**	**RA14AZ60**
Nominal Tonnage	1.5	2.0	2.5	3.0	3.5	4.0	5.0
Valve Connections							
Liquid Line O.D. – in.	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Suction Line O.D. – in.	3/4	3/4	3/4	3/4	7/8	7/8	7/8
Refrigerant (R410A) furnished oz.[1]	94	115	120	124	149	153	203
Compressor Type	Scroll						
Outdoor Coil							
Net face area – Outer Coil	10.9	13.3	14.3	16.4	19.5	19.5	32.5
Net face area – Inner Coil	10.5	12.9	13.9	15.9	18.8	18.8	—
Tube diameter – in.	0.276	0.276	0.276	0.276	0.276	0.276	0.375
Number of rows	2	2	2	2	2	2	1
Fins per inch	24	24	24	24	24	24	22
Outdoor Fan							
Diameter – in.	20	24	24	24	24	24	26
Number of blades	2	2	2	2	3	3	3
Motor hp	1/7	1/6	1/6	1/6	1/5	1/5	1/3
CFM	2156	2723	2830	2991	3655	3655	5178
RPM	1075	825	825	825	850	850	910
watts	152	161	165	145	214	214	271
Shipping weight – lbs.	151	185	197	217	259	250	294
Operating weight – lbs.	144	178	190	210	252	243	287

Electrical Data

Line Voltage Data (Volts-Phase-Hz)	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**
Maximum overcurrent protection (amps)[2]	20	25	30	30	40	40	60
Minimum circuit ampacity[3]	14	18	19	20	24	24	40
Compressor							
Rated load amps	9	12	14	13	18	18	26
Locked rotor amps	43	60	68	83	110	102	150
Condenser Fan Motor							
Full load amps	0.8	0.8	0.8	0.8	1.0	1.0	2.8
Locked rotor amps	1.5	1.5	1.7	1.7	2.6	2.6	—

[1]Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the installation instructions for information about set length and additional refrigerant charge required.
[2]HACR type circuit breaker of fuse.
[3]Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements.

Accessories

MODEL NO.		RA14AZ18	RA14AZ24	RA14AZ30	RA14AZ36	RA14AZ42	RA14AZ48	RA14AZ60
Compressor crankcase heater*		44-17402-44	44-17402-44	44-17402-44	44-17402-44	44-17402-45	44-17402-45	44-17402-45
Low ambient control		RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08
Compressor sound cover		68-23427-26	68-23427-26	68-23427-26	68-23427-26	68-23427-25	68-23427-25	68-23427-25
Compressor hard start kit		SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1
Compressor time delay		RXMD-B01	RXMD-B01	RXMD-B01	RXMD-B01	RXMD-B01	RXMD-B01	RXMD-B01
Low pressure control		RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07	RXAC-A07
High pressure control		RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07	RXAB-A07
Liquid Line Solenoid (24 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC
	Solenoid Coil	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V
Liquid Line Solenoid (120/240 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC
	Solenoid Coil	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V
Classic Top Cap w/Label		91-101123-21	91-101123-21	91-101123-21	91-101123-21	91-101123-21	91-101123-21	91-101123-21

*Crankcase Heater recommended with Low Ambient Kit.

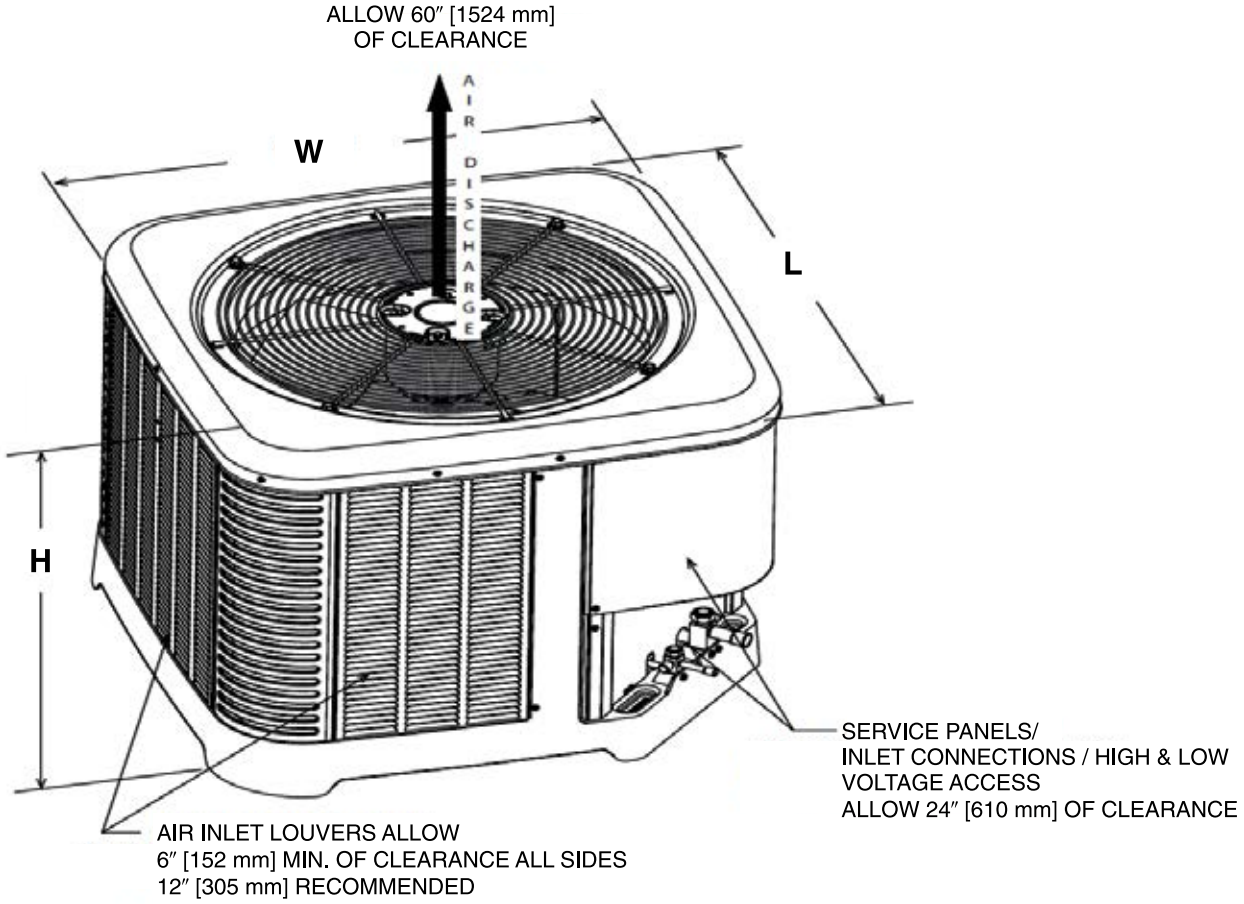
Weighted Sound Power Level (dBA)

UNIT SIZE– VOLTAGE, SERIES	STANDARD RATING (DBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment)						
		125	250	500	1000	2000	4000	8000
RA14AZ18	70.7	48.2	56.0	61.9	61.0	56.5	53.5	45.7
RA14AZ24	68.5	44.6	53.6	58.7	58.0	55.5	50.5	45.7
RA14AZ30	70.8	45.1	54.5	59.8	59.0	56.8	53.8	45.9
RA14AZ36	71.6	45.4	52.6	60.2	60.8	58.7	55.9	48.4
RA14AZ42	72.5	46.6	55.3	63.9	62.1	59.4	55.2	48.2
RA14AZ48	74.0	45.4	55.7	64.2	62.9	60.8	56.7	51.2
RA14AZ60	75.8	43.4	59.8	67.2	65.5	62.7	59.2	53.1

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI)

Unit Dimensions

MODEL NO.	OPERATING						SHIPPING					
	H (Height)		L (Length)		W (Width)		H (Height)		L (Length)		W (Width)	
	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
RA14AZ18	25.00	635	29.75	756	29.75	756	26.50	673	32.38	822	32.38	822
RA14AZ24	25.00	635	33.75	857	33.75	857	26.50	673	36.38	924	36.38	924
RA14AZ30	27.00	686	33.75	857	33.75	857	28.50	724	36.38	924	36.38	924
RA14AZ36	31.00	787	33.75	857	33.75	857	32.50	826	36.38	924	36.38	924
RA14AZ42	35.00	889	33.75	857	33.75	857	36.50	927	36.38	924	36.38	924
RA14AZ48	35.00	889	33.75	857	33.75	857	36.50	927	36.38	924	36.38	924
RA14AZ60	51.00	1295	35.75	908	35.75	908	52.50	1334	38.38	975	38.38	975



[ ] Designates Metric Conversions

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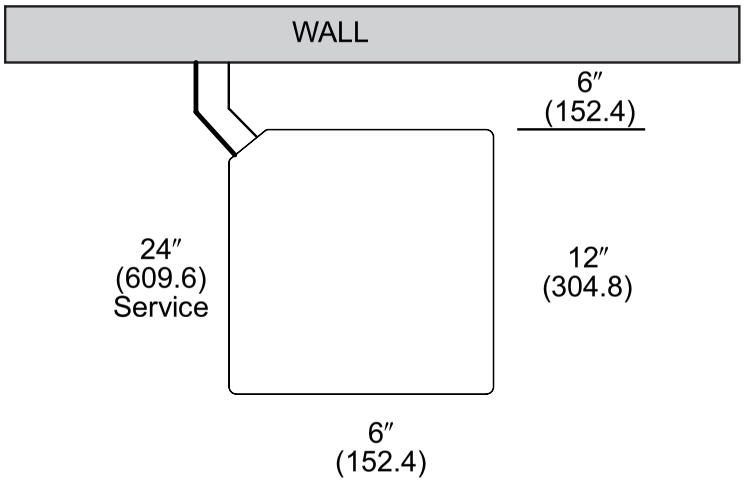
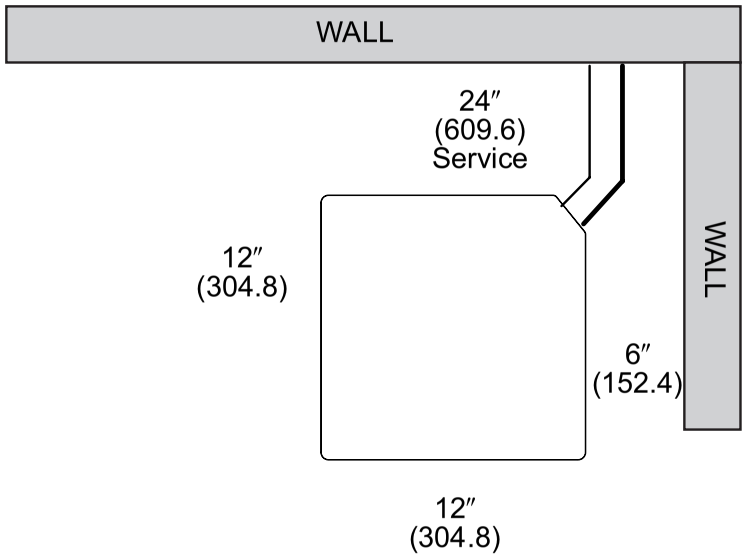
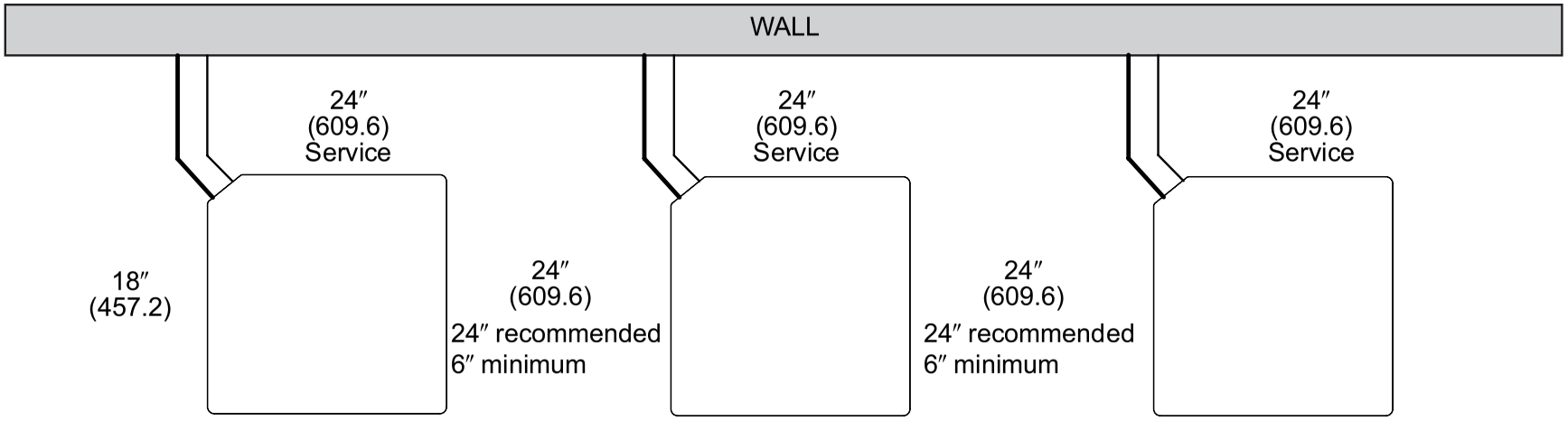
CLEARANCES





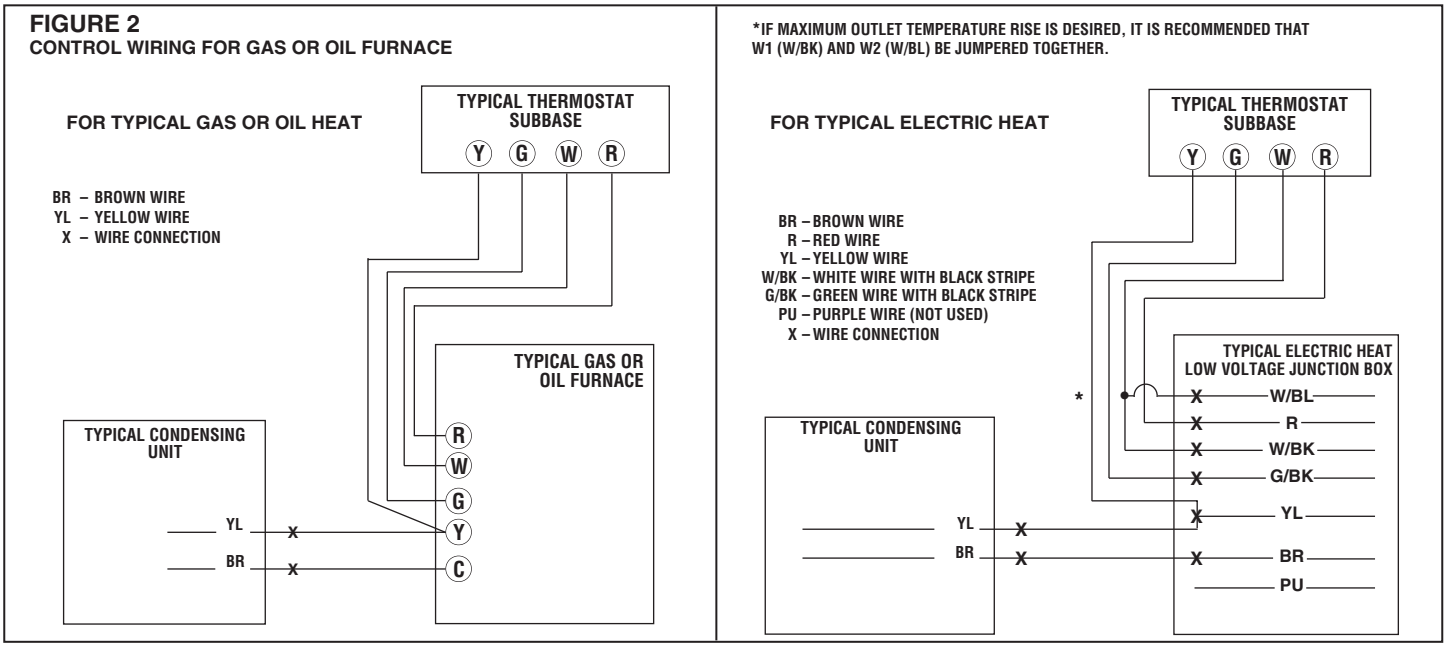


NOTE: NUMBERS IN () = mm

IMPORTANT: When installing multiple units in an alcove, roof well or partially enclosed area, ensure there is adequate ventillation to prevent re-circulation of discharge air.

Control Wiring

FIGURE 2
CONTROL WIRING FOR GAS OR OIL FURNACE



Application Guidelines

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01 -in. wc.
2. Minimum outdoor operation air temperature for cooling mode without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Use only copper wire for electric connections at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
6. Do not apply capillary tube indoor coils to these units.
7. Factory-supplied filter drier must be installed.

Refrigerant Line Size Information

14.3 SEER2 SINGLE-STAGE AIR-CONDITIONERS													
UNIT SIZE	ALLOWABLE LIQUID LINE SIZE	ALLOWABLE SUCTION LINE SIZE	APPLY LONG LINE GUIDELINES IF LINEAR LINE LENGTH EXCEEDS THOSE SHOWN BELOW (FEET)	EQUIVALENT LENGTH (FEET)									
				< 25	26-50	51-75	76-100	101-125	126-150	151-175	176-200	201-225	226-250
			(-)A14AZ	MAXIMUM VERTICAL RISE (OUTDOOR UNIT BELOW INDOOR UNIT) * / CAPACITY MULTIPLIER									
1.5 Ton **SEE NOTE 3	1/4"	5/8"	N/A	25 / 1.00	50 / 0.99	62 / 0.98	43 / 0.98	24 / 0.97	5 / 0.97	NR	NR	NR	NR
	5/16"	5/8"	223	25 / 1.00	50 / 0.99	75 / 0.98	98 / 0.98	93 / 0.97	88 / 0.97	83 / 0.96	78 / 0.96	73 / 0.95	68 / 0.94
	3/8"	5/8"	148	25 / 1.00	50 / 0.99	75 / 0.98	100 / 0.98	100 / 0.97	100 / 0.97	100 / 0.96	100 / 0.96	100 / 0.95	100 / 0.94
	1/4"	3/4"**	N/A	25 / 1.00	50 / 1.00	62 / 0.99	43 / 0.99	24 / 0.99	5 / 0.99	NR	NR	NR	NR
	5/16"	3/4"**	223	25 / 1.00	50 / 1.00	75 / 0.99	98 / 0.99	93 / 0.99	88 / 0.99	83 / 0.99	78 / 0.98	73 / 0.98	68 / 0.98
	3/8"	3/4"**	148	25 / 1.00	50 / 1.00	75 / 1.00	100 / 0.99	100 / 0.99	100 / 0.99	100 / 0.99	100 / 0.98	100 / 0.98	100 / 0.98
2 Ton	1/4"	5/8"	N/A	25 / 0.99	50 / 0.98	21 / 0.97	NR	NR	NR	NR	NR	NR	NR
	5/16"	5/8"	213	25 / 0.99	50 / 0.98	75 / 0.97	87 / 0.96	77 / 0.95	69 / 0.94	61 / 0.93	53 / 0.92	45 / 0.91	37 / 0.90
	3/8"	5/8"	142	25 / 0.99	50 / 0.98	75 / 0.97	100 / 0.96	100 / 0.95	100 / 0.94	98 / 0.93	95 / 0.92	92 / 0.91	89 / 0.90
	1/4"	3/4"	N/A	25 /1.00	50 / 1.00	21 / 0.99	NR	NR	NR	NR	NR	NR	NR
	5/16"	3/4"	213	25 /1.00	50 / 1.00	75 / 0.99	87 / 0.99	77 / 0.98	69 / 0.98	61 / 0.98	53 / 0.97	45 / 0.97	37 / 0.96
	3/8"	3/4"	142	25 / 1.00	50 / 1.00	75 / 0.99	100 / 0.99	100 / 0.98	100 / 0.98	98 / 0.98	95 / 0.97	93 / 0.97	90 / 0.96
2.5 Ton	5/16"	5/8"	N/A	25 / 0.99	50 / 0.98	75 / 0.96	70 / 0.94	59 / 0.93	48 / 0.91	36 / 0.90	NR	NR	NR
	3/8"	5/8"	117	25 / 0.99	50 / 0.98	75 / 0.96	100 / 0.94	98 / 0.93	94 / 0.91	90 / 0.90	NR	NR	NR
	5/16"	3/4"	175	25 / 1.00	50 / 0.99	75 / 0.99	70 / 0.98	59 / 0.98	48 / 0.97	36 / 0.96	25 / 0.96	13 / 0.95	NR
	3/8"	3/4"	117	25 / 1.00	50 / 0.99	75 / 0.99	100 / 0.98	98 / 0.98	94 / 0.97	90 / 0.96	86 / 0.96	82 / 0.95	78 / 0.95
3 Ton	5/16"	5/8"	N/A	25 / 0.99	50 / 0.97	66 / 0.94	49 / 0.92	32 / 0.90	NR	NR	NR	NR	NR
	3/8"	5/8"	85	25 / 0.99	50 / 0.97	75 / 0.94	95 / 0.92	89 / 0.90	NR	NR	NR	NR	NR
	5/16"	3/4"	128	25 / 1.00	50 / 0.99	66 / 0.98	49 / 0.98	32 / 0.97	15 / 0.96	NR	NR	NR	NR
	3/8"	3/4"	85	25 / 1.00	50 / 0.99	75 / 0.98	95 / 0.98	89 / 0.97	84 / 0.96	78 / 0.95	72 / 0.94	67 / 0.93	61 / 0.93
	1/2"	3/4"	43	25 / 1.00	50 / 0.99	75 / 0.98	100 / 0.98	100 / 0.97	100 / 0.96	100 / 0.95	100 / 0.94	100 / 0.93	100 / 0.93
	5/16"	7/8"	128	25 / 1.00	50 / 1.00	66 / 1.00	49 / 0.99	32 / 0.99	15 / 0.99	NR	NR	NR	NR
	3/8"	7/8"	85	25 / 1.00	50 / 1.00	75 / 1.00	95 / 0.99	89 / 0.99	84 / 0.99	78 / 0.98	72 / 0.98	67 / 0.98	61 / 0.97
	1/2"	7/8"	43	25 / 1.00	50 / 1.00	75 / 1.00	100 / 0.99	100 / 0.99	100 / 0.99	100 / 0.98	100 / 0.98	100 / 0.98	100 / 0.97
3.5 Ton	3/8"	3/4"	102	25 / 0.99	50 / 0.98	75 / 0.97	88 / 0.96	80 / 0.95	72 / 0.94	65 / 0.92	57 / 0.91	49 / 0.90	NR
	1/2"	3/4"	51	25 / 0.99	50 / 0.98	75 / 0.97	100 / 0.96	100 / 0.95	100 / 0.94	100 / 0.92	100 / 0.91	100 / 0.90	NR
	3/8"	7/8"	102	25 / 1.00	50 / 1.00	75 / 0.99	88 / 0.99	80 / 0.99	72 / 0.98	65 / 0.97	57 / 0.97	49 / 0.96	42 / 0.96
	1/2"	7/8"	51	25 / 1.00	50 / 1.00	75 / 0.99	100 / 0.99	100 / 0.99	100 / 0.98	100 / 0.97	100 / 0.97	100 / 0.96	100 / 0.96

NOTES:

1) Do not exceed 200 ft linear line length.
2) *Do not exceed 100 ft vertical separation if outdoor unit is above indoor unit.
3) **3/4" suction line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Refrigerant Line Size Information (Con't.)

14.3 SEER2 SINGLE-STAGE AIR-CONDITIONERS													
UNIT SIZE	ALLOWABLE LIQUID LINE SIZE	ALLOWABLE SUCTION LINE SIZE	APPLY LONG LINE GUIDELINES IF LINEAR LINE LENGTH EXCEEDS THOSE SHOWN BELOW (FEET)	EQUIVALENT LENGTH (FEET)									
				< 25	26-50	51-75	76-100	101-125	126-150	151-175	176-200	201-225	226-250
			(-)A14AZ	MAXIMUM VERTICAL RISE (OUTDOOR UNIT BELOW INDOOR UNIT) * / CAPACITY MULTIPLIER									
4 Ton	3/8"	3/4"	110	25 / 0.99	50 / 0.98	75 / 0.96	77 / 0.95	67 / 0.93	57 / 0.92	46 / 0.91	NR	NR	NR
	1/2"	3/4"	55	25 / 0.99	50 / 0.98	75 / 0.96	100 / 0.95	100 / 0.93	100 / 0.92	100 / 0.91	NR	NR	NR
	3/8"	7/8"	110	25 / 1.00	50 / 0.99	75 / 0.99	77 / 0.98	67 / 0.97	57 / 0.97	46 / 0.96	36 / 0.96	26 / 0.95	15 / 0.95
	1/2"	7/8"	55	25 / 1.00	50 / 0.99	75 / 0.99	100 / 0.98	100 / 0.97	100 / 0.97	100 / 0.96	100 / 0.96	99 / 0.95	97 / 0.95
	3/8"	3/4"	0	25 / 0.99	50 / 0.97	75 / 0.94	61 / 0.92	46 / 0.90	NR	NR	NR	NR	NR
	1/2"	3/4"	0	25 / 0.99	50 / 0.97	75 / 0.94	100 / 0.92	100 / 0.90	NR	NR	NR	NR	NR
5 Ton	3/8"	7/8"	0	25 / 1.00	50 / 0.99	75 / 0.98	61 / 0.97	46 / 0.96	32 / 0.95	18 / 0.94	NR	NR	NR
	1/2"	7/8"	0	25 / 1.00	50 / 0.99	75 / 0.98	100 / 0.97	100 /0.96	100 / 0.95	97 / 0.94	95 / 0.94	92 / 0.93	89 / 0.92
	3/8"	1-1/8"	0	25 / 1.01	50 / 1.01	75 / 1.00	61 / 1.00	46 / 0.99	32 / 0.99	18 / 0.99	NR	NR	NR
	1/2"	1-1/8"	0	25 / 1.01	50 / 1.01	75 / 1.00	100 /1.00	100 / 0.99	100 / 0.99	97 / 0.99	95 / 0.99	92 / 0.99	89 / 0.98

NOTES:

1) Do not exceed 200 ft linear line length.
2) *Do not exceed 100 ft vertical separation if outdoor unit is above indoor unit.
3) **3/4" suction line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Refrigerant Line Size Information

14.3 SEER2 SINGLE-STAGE AIR-CONDITIONERS													
UNIT SIZE	ALLOWABLE LIQUID LINE SIZE MM [IN.]	ALLOWABLE SUCTION LINE SIZE MM [IN.]	APPLY LONG LINE GUIDELINES IF LINEAR LINE LENGTH EXCEEDS THOSE SHOWN BELOW (METERS)	EQUIVALENT LENGTH (METERS)									
				< 8	8-15	16-23	24-30	31-38	39-46	47-53	54-61	62-69	70-76
			(-)A14AZ	MAXIMUM VERTICAL RISE (OUTDOOR UNIT BELOW INDOOR UNIT) * / CAPACITY MULTIPLIER									
5.3 KW [1.5 Ton] **SEE NOTE 3	6.35 [1/4]	15.88 [5/8]	N/A	8 / 1.00	15 / 0.99	19 / 0.98	13 / 0.98	7 / 0.97	2 / 0.97	NR	NR	NR	NR
	7.94 [5/16]	15.88 [5/8]	68	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.98	28 / 0.97	27 / 0.97	25 / 0.96	24 / 0.96	22 / 0.95	21 / 0.94
	9.53 [3/8]	15.88 [5/8]	45	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.98	30 / 0.97	30 / 0.97	30 / 0.96	30 / 0.96	30 / 0.95	30 / 0.94
	6.35 [1/4]	19.05 [3/4]**	N/A	8 / 1.00	15 / 1.00	19 / 0.99	13 / 0.99	7 / 0.99	2 / 0.99	NR	NR	NR	NR
	7.94 [5/16]	19.05 [3/4]**	68	8 / 1.00	15 / 1.00	23 / 0.99	30 / 0.99	28 / 0.99	27 / 0.99	25 / 0.99	24 / 0.98	22 / 0.98	21 / 0.98
	9.53 [3/8]	19.05 [3/4]**	45	8 / 1.00	15 / 1.00	23 / 0.99	30 / 0.99	30 / 0.99	30 / 0.99	30 / 0.99	30 / 0.98	30 / 0.98	30 / 0.98
7.0 KW [2 Ton]	6.35 [1/4]	15.88 [5/8]	N/A	8 / 0.99	15 / 0.98	6 / 0.97	NR	NR	NR	NR	NR	NR	NR
	7.94 [5/16]	15.88 [5/8]	59	8 / 0.99	15 / 0.98	23 / 0.97	27 / 0.96	23 / 0.95	21 / 0.94	19 / 0.93	16 / 0.92	14 / 0.91	11 / 0.90
	9.53 [3/8]	15.88 [5/8]	39	8 / 0.99	15 / 0.98	23 / 0.97	30 / 0.96	30 / 0.95	30 / 0.94	30 / 0.93	29 / 0.92	28 / 0.91	27 / 0.90
	6.35 [1/4]	19.05 [3/4]	N/A	8 / 1.00	15 / 1.00	6 / 0.99	NR	NR	NR	NR	NR	NR	NR
	7.94 [5/16]	19.05 [3/4]	59	8 / 1.00	15 / 1.00	23 / 0.99	27 / 0.99	23 / 0.98	21 / 0.98	19 / 0.98	16 / 0.97	14 / 0.97	11 / 0.96
	9.53 [3/8]	19.05 [3/4]	39	8 / 1.00	15 / 1.00	23 / 0.99	30 / 0.99	30 / 0.98	30 / 0.98	30 / 0.98	29 / 0.97	28 / 0.97	27 / 0.96
8.8 KW [2.5 Ton]	7.94 [5/16]	15.88 [5/8]	N/A	8 / 0.99	15 / 0.98	23 / 0.96	21 / 0.94	18 / 0.93	15 / 0.91	11 / 0.90	NR	NR	NR
	9.53 [3/8]	15.88 [5/8]	36	8 / 0.99	15 / 0.98	23 / 0.96	30 / 0.94	30 / 0.93	29 / 0.91	27 / 0.90	NR	NR	NR
	7.94 [5/16]	19.05 [3/4]	53	8 / 1.00	15 / 0.99	23 / 0.99	21 / 0.98	18 / 0.98	15 / 0.97	11 / 0.96	8 / 0.96	4 / 0.95	NR
	9.53 [3/8]	19.05 [3/4]	36	8 / 1.00	15 / 0.99	23 / 0.99	30 / 0.98	30 / 0.98	29 / 0.97	27 / 0.96	26 / 0.96	25 / 0.95	24 / 0.95
10.6 KW [3 Ton]	7.94 [5/16]	15.88 [5/8]	N/A	8 / 0.99	15 / 0.97	20 / 0.94	15 / 0.92	10 / 0.90	NR	NR	NR	NR	NR
	9.53 [3/8]	15.88 [5/8]	26	8 / 0.99	15 / 0.97	23 / 0.94	29 / 0.92	27 / 0.90	NR	NR	NR	NR	NR
	7.94 [5/16]	19.05 [3/4]	39	8 / 1.00	15 / 0.99	20 / 0.98	15 / 0.98	10 / 0.97	5 / 0.96	NR	NR	NR	NR
	9.53 [3/8]	19.05 [3/4]	26	8 / 1.00	15 / 0.99	23 / 0.98	29 / 0.98	27 / 0.97	26 / 0.96	24 / 0.95	22 / 0.94	20 / 0.93	19 / 0.93
	12.70 [1/2]	19.05 [3/4]	13	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.98	30 / 0.97	30 / 0.96	30 / 0.95	30 / 0.94	30 / 0.93	30 / 0.93
	7.94 [5/16]	22.23 [7/8]	39	8 / 1.00	15 / 1.00	20 / 1.00	15 / 0.99	10 / 0.99	5 / 0.99	NR	NR	NR	NR
	9.53 [3/8]	22.23 [7/8]	26	8 / 1.00	15 / 1.00	23 / 1.00	29 / 0.99	27 / 0.99	26 / 0.99	24 / 0.98	22 / 0.98	20 / 0.98	19 / 0.97
	12.70 [1/2]	22.23 [7/8]	13	8 / 1.00	15 / 1.00	23 / 1.00	30 / 0.99	30 / 0.99	30 / 0.99	30 / 0.98	30 / 0.98	30 / 0.98	30 / 0.97
12.3 KW [3.5 Ton]	9.53 [3/8]	19.05 [3/4]	31	8 / 0.99	15 / 0.98	23 / 0.97	27 / 0.96	24 / 0.95	22 / 0.94	20 / 0.92	17 / 0.91	15 / 0.90	NR
	12.70 [1/2]	19.05 [3/4]	15	8 / 0.99	15 / 0.98	23 / 0.97	30 / 0.96	30 / 0.95	30 / 0.94	30 / 0.92	30 / 0.91	30 / 0.90	NR
	9.53 [3/8]	22.23 [7/8]	31	8 / 1.00	15 / 1.00	23 / 0.99	27 / 0.99	24 / 0.99	22 / 0.98	20 / 0.97	17 / 0.97	15 / 0.96	13 / 0.96
	12.70 [1/2]	22.23 [7/8]	15	8 / 1.00	15 / 1.00	23 / 0.99	30 / 0.99	30 / 0.99	30 / 0.98	30 / 0.97	30 / 0.97	30 / 0.96	30 / 0.96

NOTES:

1) Do not exceed 61m linear line length.
2) *Do not exceed 30m vertical separation if outdoor unit is above indoor unit.
3) **19.05mm suction line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Refrigerant Line Size Information (Con't.)

14.3 SEER2 SINGLE-STAGE AIR-CONDITIONERS													
UNIT SIZE	ALLOWABLE LIQUID LINE SIZE MM [IN.]	ALLOWABLE SUCTION LINE SIZE MM [IN.]	APPLY LONG LINE GUIDELINES IF LINEAR LINE LENGTH EXCEEDS THOSE SHOWN BELOW (METERS)	EQUIVALENT LENGTH (METERS)									
				< 25	26-50	51-75	76-100	101-125	126-150	151-175	176-200	201-225	226-250
			(-)A14AZ	MAXIMUM VERTICAL RISE (OUTDOOR UNIT BELOW INDOOR UNIT) * / CAPACITY MULTIPLIER									
14.1 KW [4 Ton]	9.53 [3/8]	19.05 [3/4]	34	8 / 0.99	15 / 0.98	23 / 0.96	24 / 0.95	20 / 0.93	17 / 0.92	14 / 0.91	NR	NR	NR
	12.7 [1/2]	19.05 [3/4]	17	8 / 0.99	15 / 0.98	23 / 0.96	30 / 0.95	30 / 0.93	30 / 0.92	30 / 0.91	NR	NR	NR
	9.53 [3/8]	22.23 [7/8]	34	8 / 1.00	15 / 0.99	23 / 0.99	24 / 0.98	20 / 0.97	17 / 0.97	14 / 0.96	11 / 0.96	8 / 0.95	5 / 0.95
	12.7 [1/2]	22.23 [7/8]	17	8 / 1.00	15 / 0.99	23 / 0.99	30 / 0.98	30 / 0.97	30 / 0.97	30 / 0.96	30 / 0.96	30 / 0.95	30 / 0.95
	9.53 [3/8]	19.05 [3/4]	0	8 / 0.99	15 / 0.97	23 / 0.94	19 / 0.92	14 / 0.90	NR	NR	NR	NR	NR
	12.7 [1/2]	19.05 [3/4]	0	8 / 0.99	15 / 0.97	23 / 0.94	30 / 0.92	30 / 0.90	NR	NR	NR	NR	NR
17.6 KW [5 Ton]	9.53 [3/8]	22.23 [7/8]	0	8 / 1.00	15 / 0.99	23 / 0.98	19 / 0.97	14 / 0.96	10 / 0.95	5 / 0.94	NR	NR	NR
	12.7 [1/2]	22.23 [7/8]	0	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.97	30 /0.96	30 / 0.95	30 / 0.94	29 / 0.94	28 / 0.93	27 / 0.92
	9.53 [3/8]	28.58 [1-1/8]	0	8 / 1.01	15 / 1.01	23 / 1.00	19 / 1.00	14 / 0.99	10 / 0.99	5 / 0.99	NR	NR	NR
	12.7 [1/2]	28.58 [1-1/8]	0	8 / 1.01	15 / 1.01	23 / 1.00	30 / 1.00	30 / 0.99	30 / 0.99	30 / 0.99	29 / 0.99	28 / 0.99	27 / 0.98

NOTES:

1) Do not exceed 61m linear line length.
2) *Do not exceed 30m vertical separation if outdoor unit is above indoor unit.
3) **19.05mm suction line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Performance Data @ AHRI Standard Conditions – Cooling

DESIGNATED TESTED COMBINATION (DTC)							
OUTDOOR UNIT	**INDOOR COIL**	**TOTAL CAPACITY BTU/H [KW]**	**NET SENSIBLE BTU/H [KW]**	**NET LATENT BTU/H [KW]**	**SEER2**	**EER2**	**INDOOR CFM [L/s]**
RA14AZ18AJ1	RCFZ2417STAN	17,100 [5.0]	13,100 [3.8]	4,000 [1.2]	14.3	11.7	600 [283.2]
RA14AZ24AJ1	RCFZ2417STAN	22,800 [6.7]	17,500 [5.1]	5,300 [1.6]	14.3	11.7	725 [342.2]
RA14AZ30AJ1	RCFZ3617STAN	28,600 [8.4]	21,800 [6.4]	6,800 [2.0]	14.3	11.7	900 [424.8]
RA14AZ36AJ1	RCFZ3617STAN	34,200 [10.0]	26,200 [7.7]	8,000 [2.3]	14.3	11.7	1,025 [483.7]
RA14AZ42AJ1	RCFZ4821STAN	38,500 [11.3]	29,500 [8.6]	9,000 [2.6]	14.3	11.7	1,300 [613.5]
RA14AZ48AJ1	RCFZ4821STAN	45,000 [13.2]	34,500 [10.1]	10,500 [3.1]	13.8	11.2	1,425 [672.5]
RA14AZ60AJ1	RCFZ6024STAN	56,000 [16.4]	42,900 [12.6]	13,100 [3.8]	13.8	11.2	1,600 [755.1]

NOTE: This data includes DTC (Designated Test Combination) ratings and is for reference purposes only. A full listing of official ratings and system match-ups, along with downloadable certificates, can be accessed from the AHRI website: www.ahridirectory.org.

[ ] Designates Metric Conversions

The new degree of comfort.®

Endeavor™ Line *Classic Plus*® Series iM Air Conditioners

This product meets a stringent set of our internally defined sustainability standards

RA15AZ

Cooling Efficiencies up to: 15.2 SEER2/9.8 EER2
Nominal Sizes: 2 to 5 Ton [7.0 to 17.6 kW]
Cooling Capacities: 22.8 to 56.0 kBTU [6.68 to 16.4 kW]

ISO 9001:2015

AHRI CERTIFIED www.ahridirectory.org Unitary Small AC AHRI Standard 210/240

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Features and Benefits

- **EcoNet® Enabled:** Automatic system configuration and optimization
- **PlusOne® Diagnostics & Bluetooth®[1] Connectivity:** With the Rheem Contractor & EcoNet® Apps, built-in technology makes advanced set-up, monitoring, troubleshooting and repairing the product easier than ever before
- **PlusOne® Variable Speed Twin Rotary Compressor & Inverter Drive:**
  - — Features Inverter operation from 40 to 70% capacity or 100% capacity via line voltage with the EcoNet® Smart Thermostat
  - — 3-speed operation when installed with a 24V two-stage thermostat
  - — Provides precise temperature control, advanced humidity control and greater efficiency
- **Swept Wing Fan Technology:** Features quieter operation and improved unit acoustics
- **7mm Condenser Copper Coil:** Requires less refrigerant allowing for a smaller and lighter footprint while enhancing reliability
- **PlusOne® Expanded Value Space:** 3 in. – 4 in. – 5 in. service valve space—provides a minimum working area of 27-square inches for easier access
- **PlusOne® Triple Service Access:** 15 in. wide, industry leading corner service access, two fastener, removeable corner and individual louver panels–makes repairs easier and faster

[1]The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Rheem® is under license. Other trademarks and trade names are those of their respective owners

Air Conditioners

R	A	15	A	Z	24	A	J	3	C	A
Brand	**Product Category**	**SEER2**	**Region**	**Refrigerant**	**Capacity BTU/HR**	**Major Series**	**Voltage**	**Type**	**Controls**	**Minor Series**
R - Rheem	A - Air Conditioners	15 - 15.2 SEER2	A - All	Z - R-410A	24 - 24,000 [7.03 kW] 36 - 36,000 [10.55 kW] 48 - 48,000 [14.07 kW] 60 - 60,000 [17.58 kW]	A - 1st Design	J - 1ph, 208-230/60	3 - 3+ Stage	C - Communicating	A - 1st Design

[ ] Designates Metric Conversions

Available Models	Description
RA15AZ24AJ3CA	Endeavor™ Line *Classic Plus*® Series 2 ton EcoNet® Enabled 3+ Speed iM Air Conditioner – 208/230/1/60
RA15AZ36AJ3CA	Endeavor™ Line *Classic Plus*® Series 3 ton EcoNet® Enabled 3+ Speed iM Air Conditioner – 208/230/1/60
RA15AZ48AJ3CA	Endeavor™ Line *Classic Plus*® Series 4 ton EcoNet® Enabled 3+ Speed iM Air Conditioner – 208/230/1/60
RA15AZ60AJ3CA	Endeavor™ Line *Classic Plus*® Series 5 ton EcoNet® Enabled 3+ Speed iM Air Conditioner – 208/230/1/60

Standard Equipment
R-410A Refrigerant
Variable Speed Twin Rotary Compressor
Field Installed Filter Drier
Front Seating Service Valves
Internal Pressure Relief Valve
Internal Thermal Overload
Long Line capability
Low Ambient capability with Kit
3-4-5 Expanded Valve Space
Composite Basepan
2 Screw Control Box Access
15" Access to Internal Components
Quick release louver panel design
No fasteners to remove along bottom
Optimized Venturi Airflow
Single row condenser coil
Powder coated paint
Rust resistant screws
QR code
External gauge ports
Service trays

General Data				
Model No.	**RA15AZ24AJ3**	**RA15AZ36AJ3**	**RA15AZ48AJ3**	**RA15AZ60AJ3**
Nominal Tonnage	2.0	3.0	4.0	5.0
Valve Connections				
Liquid Line O.D. – in.	3/8	3/8	3/8	3/8
Suction Line O.D. – in.	3/4	3/4	7/8	7/8
Refrigerant (R410A) furnished oz.[1]	91	119	130	154
Compressor Type	Twin Rotary			
Outdoor Coil				
Net face area – Outer Coil	11.79	14.4	16.42	17.88
Net face area – Inner Coil	—	—	—	—
Tube diameter – in.	0.276	0.276	0.276	0.276
Number of rows	1	1	1	1
Fins per inch	24	24	24	24
Outdoor Fan				
Diameter – in.	20	24	24	26
Number of blades	3	3	3	3
Motor hp	1/5	1/5	1/3	1/2
CFM	2908	4138	4529	5274
RPM	1075	1000	1075	1075
watts	170	267	294	370
Shipping weight – lbs.	174	198	230	251
Operating weight – lbs.	167	191	223	244
Electrical Data				
Line Voltage Data (Volts-Phase-Hz)	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**
Maximum overcurrent protection (amps)[2]	20	30	40	50
Minimum circuit ampacity[3]	12	20	25	32
Compressor				
Rated load amps	10	15	20	25
Locked rotor amps	65	70	96	119

[1]Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the installation instructions for information about set length and additional refrigerant charge required.
[2]HACR type circuit breaker of fuse.
[3]Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements.

Accessories

Model No.		RA15AZ24AJ3	RA15AZ36AJ3	RA15AZ48AJ3	RA15AZ60AJ3
Compressor crankcase heater*		N/A	N/A	N/A	N/A
Low ambient control		47-102709-10	47-102709-10	47-102709-10	47-102709-10
Compressor sound cover		68-23427-27	68-23427-28	68-23427-29	68-23427-29
Low pressure control		47-103454-01	47-103454-01	47-103454-01	47-103454-01
High pressure control		47-103669-02	47-103669-02	47-103669-02	47-103669-02
Liquid Line Solenoid (24 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC
	Solenoid Coil	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V
Liquid Line Solenoid (120/240 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC
	Solenoid Coil	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V

*Crankcase Heater recommended with Low Ambient Kit.

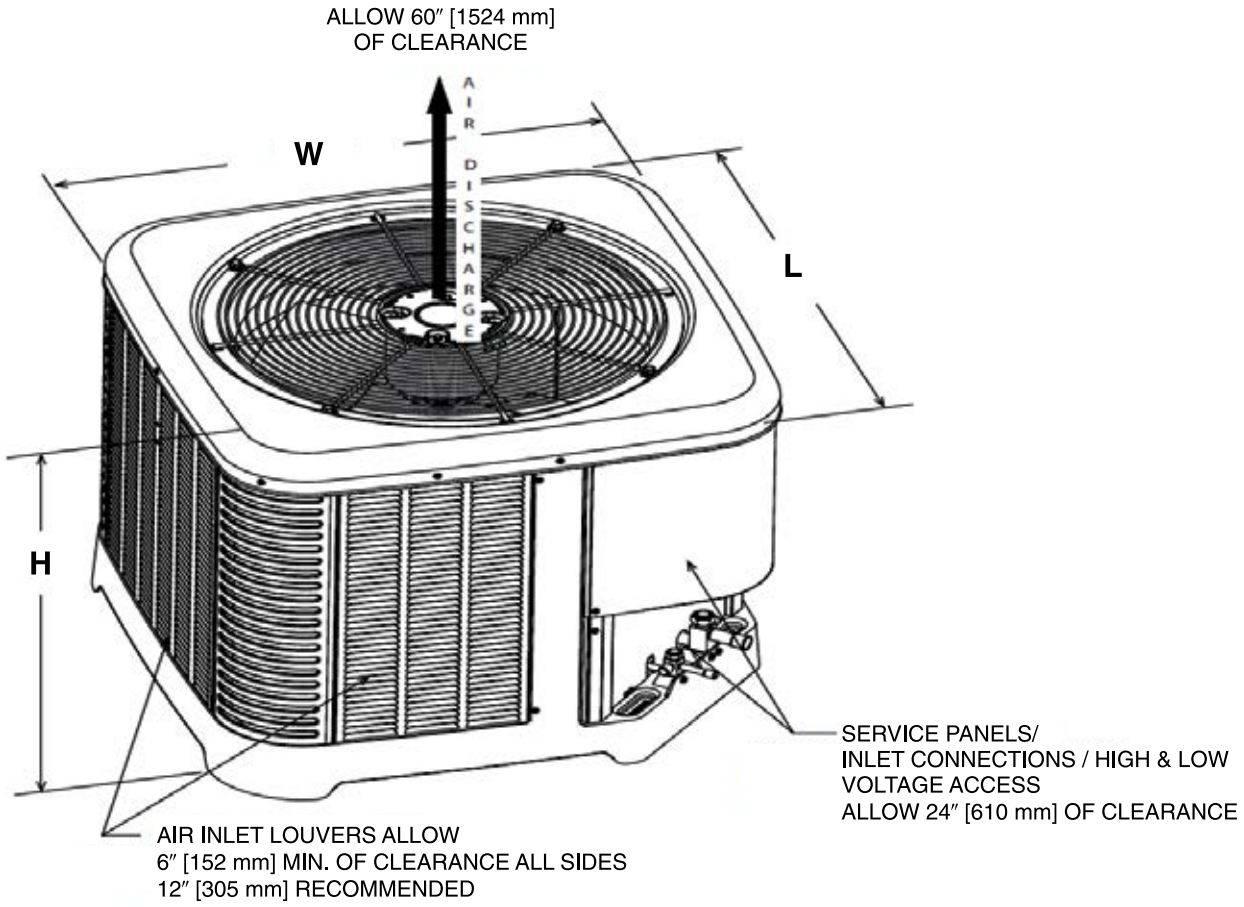
Weighted Sound Power Level (dBA)

Unit Size - Voltage, Series	Standard Rating (dBA) Low Speed/ High Speed	TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment)							Sound Power Level [dB(A)] with Sound Blanket
		125	250	500	1000	2000	4000	8000	
RA15AZ24AJ3	63.3	35.9	47.9	55.3	53.2	50.4	47.1	43.8	Sound Blankets - Standard
	71.7	46.1	59.1	63.2	60.8	58.7	56.5	47.9	
RA15AZ36AJ3	61.4	38.5	48.0	53.8	49.2	45.9	47.0	47.4	
	72.9	47.5	59.5	64.9	60.7	62.6	57.0	49.6	
RA15AZ48AJ3	63.8	42.3	45.9	53.5	48.9	45.8	59.1	36.4	
	76.2	49.4	61.4	68.1	53.9	60.8	57.4	48.5	
RA15AZ60AJ3	65.7	39.7	49.0	58.2	54.5	52.2	53.8	41.3	
	76.7	49.3	64.6	68.1	65.1	62.6	58.6	53.0	

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI)

Unit Dimensions

Model No.	Operating						Shipping					
	H (Height)		L (Length)		W (Width)		H (Height)		L (Length)		W (Width)	
	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
RA15AZ24AJ3	27.00	686	29.75	756	29.75	756	28.50	724	32.38	822	32.38	822
RA15AZ36AJ3	27.00	686	33.75	857	33.75	857	28.50	724	36.38	924	36.38	924
RA15AZ48AJ3	31.00	787	33.75	857	33.75	857	32.50	826	36.38	924	36.38	924
RA15AZ60AJ3	31.00	787	35.75	908	35.75	908	32.50	826	38.38	975	38.38	975



[ ] Designates Metric Conversions

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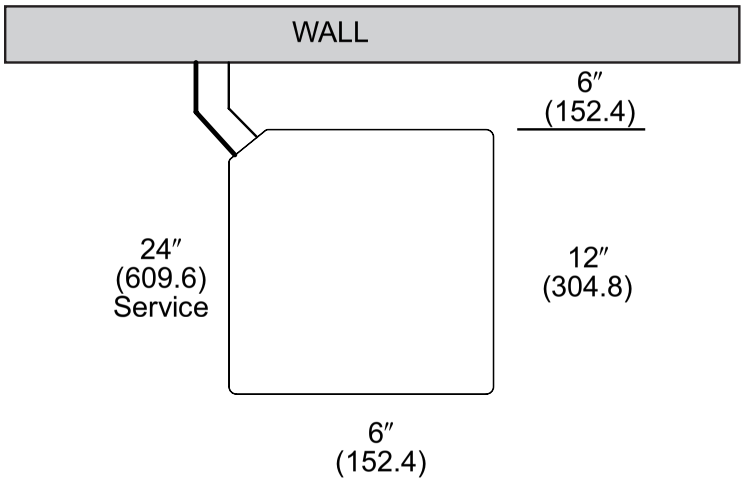
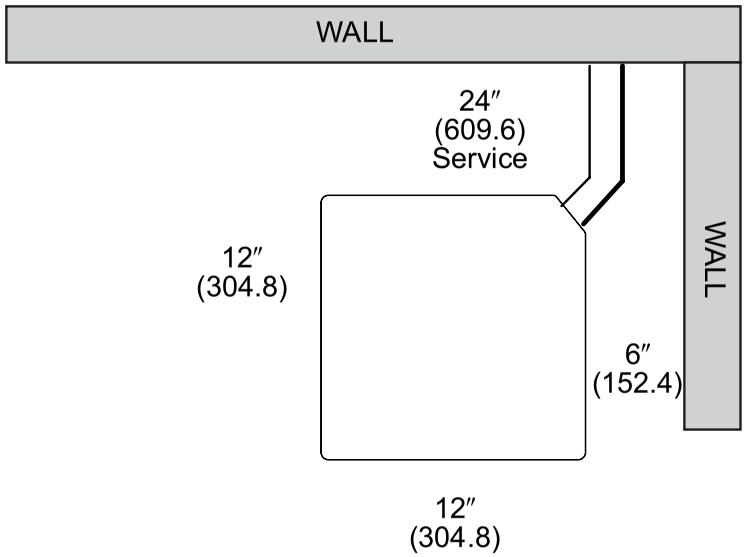
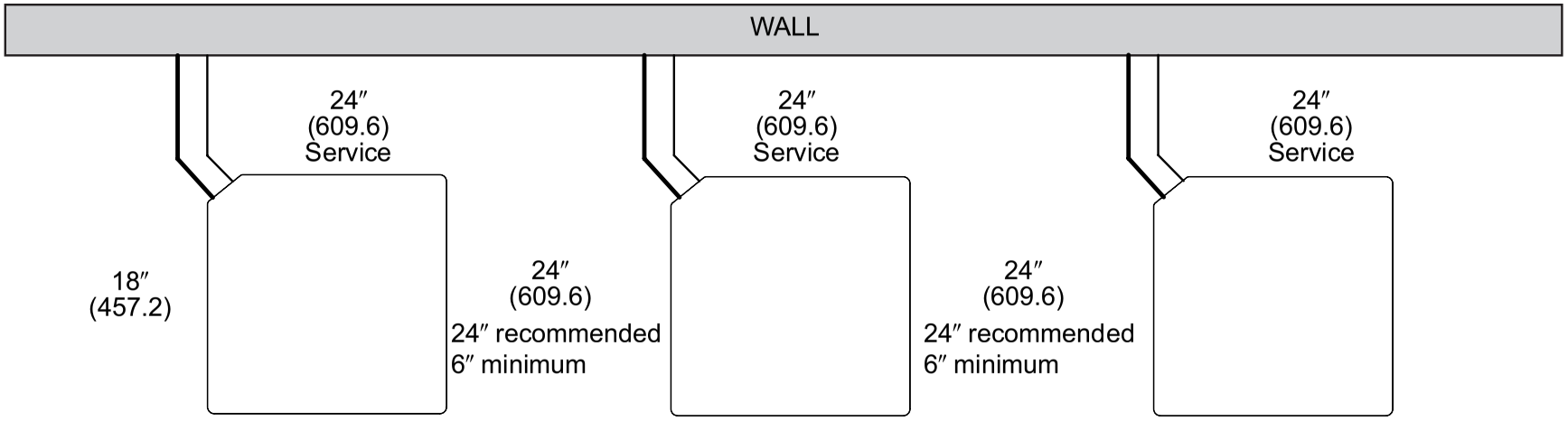
CLEARANCES





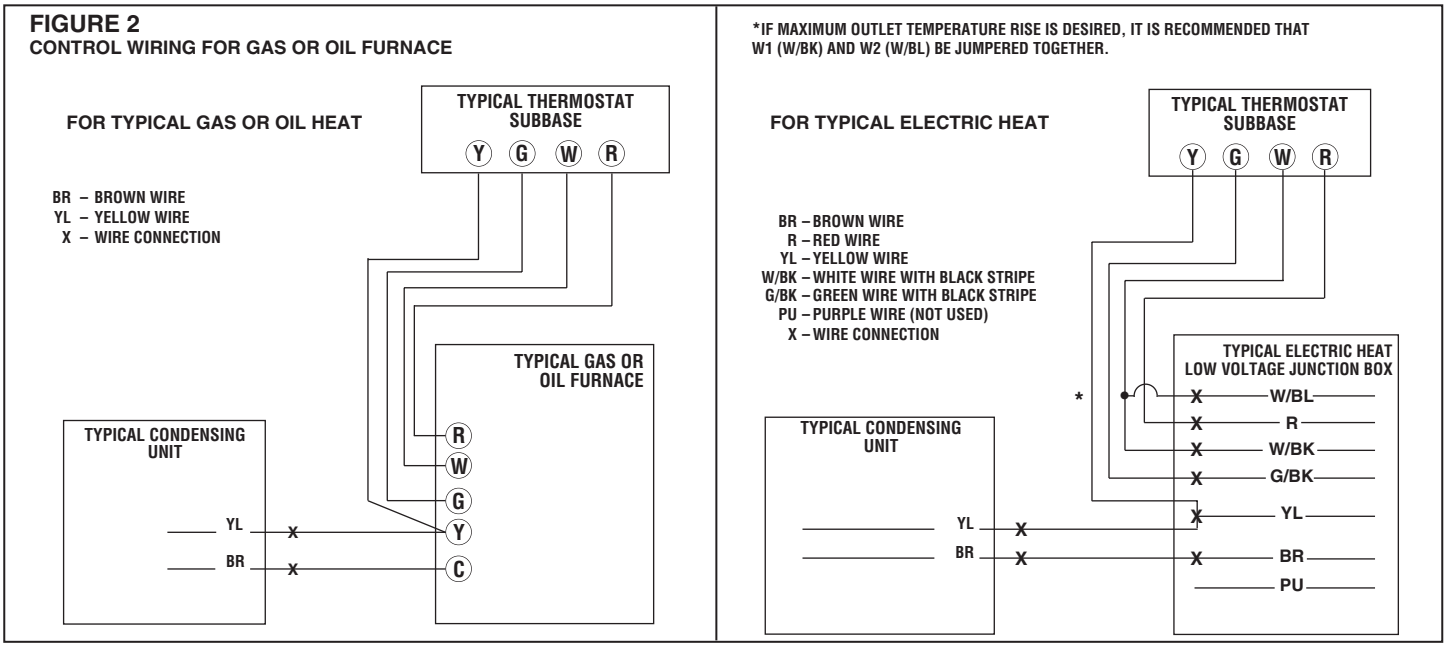


NOTE: NUMBERS IN () = mm

IMPORTANT: When installing multiple units in an alcove, roof well or partially enclosed area, ensure there is adequate ventillation to prevent re-circulation of discharge air.

Control Wiring

FIGURE 2
CONTROL WIRING FOR GAS OR OIL FURNACE



Application Guidelines

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01 -in. wc.
2. Minimum outdoor operation air temperature for cooling mode without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Use only copper wire for electric connections at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
6. Do not apply capillary tube indoor coils to these units.
7. Factory-supplied filter drier must be installed.

Refrigerant Line Size Information

15/16 SEER2 Variable Speed Air Conditioners								
Unit Size	Allowable Liquid Line Size	Allowable Vapor Line Size	Outdoor Unit ABOVE or BELOW Indoor Unit Equivalent Length (Feet)					
			< 25	26-50	51-75	76-100	101-125	126-150
			Maximum Vertical Separation / Capacity Multiplier					
2.0 Ton **SEE NOTE 3	1/4"	5/8"	25/1.00	50/0.99	32/0.98	40/0.97	NR	NR
	5/16"	5/8"	25/1.00	50/0.99	50/0.98	50/0.97	50/0.96	50/0.95
	3/8"	5/8"	25/1.00	50/0.99	50/0.98	50/0.97	50/0.96	50/0.95
	1/4"	3/4"**	25/1.00	50/1.00	32/0.99	40/0.99	NR	NR
	5/16"	3/4"**	25/1.00	50/1.00	50/0.99	50/0.99	50/0.99	50/0.98
	3/8"	3/4"**	25/1.00	50/1.00	50/0.99	50/0.99	50/0.99	50/0.98
3 Ton	5/16"	5/8"	25/0.99	50/0.97	50/0.95	50/0.93	37/0.91	NR
	3/8"	5/8"	25/0.99	50/0.97	50/0.95	50/0.93	50/0.91	NR
	5/16"	3/4"	25/1.00	50/0.99	50/0.99	50/0.98	37/0.97	22/0.96
	3/8"	3/4"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.97	50/0.96
	1/2"	3/4"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.97	50/0.96
4 Ton	3/8"	3/4"	25/0.99	50/0.98	50/0.97	50/0.96	50/0.94	50/0.93
	1/2"	3/4"	25/0.99	50/0.98	50/0.97	50/0.96	50/0.94	50/0.93
	3/8"	7/8"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.98	50/0.97
	1/2"	7/8"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.98	50/0.97
5 Ton	3/8"	3/4"	25/0.99	50/0.97	50/0.95	50/0.93	50/0.91	NR
	1/2"	3/4"	25/0.99	50/0.97	50/0.95	50/0.93	50/0.91	NR
	3/8"	7/8"	25/1.00	50/0.99	50/0.98	50/0.98	50/0.97	38/0.96
	1/2"	7/8"	25/1.00	50/0.99	50/0.98	50/0.98	50/0.97	50/0.96

NOTES:

1) Do not exceed 150 ft. linear line length.
2) *Do not exceed 50 ft. vertical separation between indoor and outdoor units.
3) **3/4" suction line should only be used for 2 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

[ ] Designates Metric Conversions

Refrigerant Line Size Information

15/16 SEER2 Variable Speed Air Conditioners								
Unit Size	**Allowable Liquid Line Size**	**Allowable Vapor Line Size**	**Outdoor Unit ABOVE or BELOW Indoor Unit Equivalent Length (Meters)**					
			< 25	**26-50**	**51-75**	**76-100**	**101-125**	**126-150**
			Maximum Vertical Separation / Capacity Multiplier					
2.0 Ton ****SEE NOTE 3**	6.35 [1/4]	15.88 [5/8]	8/1.00	15/0.99	10/0.98	10/0.97	NR	NR
	7.94 [5/16]	15.88 [5/8]	8/1.00	15/0.99	15/0.98	15/0.97	15/0.96	15/0.95
	9.53 [3/8]	15.88 [5/8]	8/1.00	15/0.99	15/0.98	15/0.97	15/0.96	15/0.95
	6.35 [1/4]	19.05 [3/4]**	8/1.00	15/0.99	10/0.99	12/0.99	NR	NR
	7.94 [5/16]	19.05 [3/4]**	8/1.00	15/0.99	15/0.99	15/0.99	15/0.99	15/0.98
	9.53 [3/8]	19.05 [3/4]**	8/1.00	15/0.99	15/0.99	15/0.99	15/0.99	15/0.98
3 Ton	7.94 [5/16]	15.88 [5/8]	8/0.99	15/0.97	15/0.95	15/0.93	11/0.91	NR
	9.53 [3/8]	15.88 [5/8]	8/0.99	15/0.97	15/0.95	15/0.93	15/0.91	NR
	7.94 [5/16]	19.05 [3/4]	8/1.00	15/0.99	15/0.99	15/0.98	11/0.97	7/0.96
	9.53 [3/8]	19.05 [3/4]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.97	15/0.96
	12.7 [1/2]	19.05 [3/4]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.97	15/0.96
4 Ton	9.53 [3/8]	19.05 [3/4]	8/0.99	15/0.98	15/0.97	15/0.96	15/0.94	15/0.93
	12.7 [1/2]	19.05 [3/4]	8/0.99	15/0.98	15/0.97	15/0.96	15/0.94	15/0.93
	9.53 [3/8]	22.23 [7/8]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.98	15/0.97
	12.7 [1/2]	22.23 [7/8]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.98	15/0.97
5 Ton	9.53 [3/8]	19.05 [3/4]	8/0.99	15/0.97	15/0.95	15/0.93	15/0.91	NR
	12.7 [1/2]	19.05 [3/4]	8/0.99	15/0.97	15/0.95	15/0.93	15/0.91	NR
	9.53 [3/8]	22.23 [7/8]	8/1.00	15/0.99	15/0.98	15/0.98	15/0.97	12/0.96
	12.7 [1/2]	22.23 [7/8]	8/1.00	15/0.99	15/0.98	15/0.98	15/0.97	15/0.97

NOTES:

1) Do not exceed 46 meters linear line length.
2) *Do not exceed 15 meters vertical separation between indoor and outdoor units.
3) **19.05mm [3/4 in.] vapor line should only be used for 2 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Additional Oil, Oz.											
Lineset Length	**50**	**60**	**70**	**80**	**90**	**100**	**110**	**120**	**130**	**140**	**150**
2T	N/A	N/A	N/A	N/A	N/A	1	2	3	5	6	7
3T	N/A	N/A	N/A	N/A	N/A	N/A	1	2	3	5	6
4T	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5T	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Performance Data @ AHRI Standard Conditions – Cooling

Designated Tested Combination (DTC)							
Outdoor Unit	**Air Handler**	**Total Capacity BTU/H [kW]**	**Net Sensible BTU/H [kW]**	**Net Latent BTU/H [kW]**	**SEER2**	**EER2**	**Indoor CFM [L/s]**
RA15AZ24AJ3	RH3VZ2417STACN	22,800 [6.7]	17,600 [5.2]	5,200 [1.5]	15.2	9.8	750 [354.0]
RA15AZ36AJ3	RH3VZ3617STACN	34,200 [10.0]	26,600 [7.8]	7,600 [2.2]	15.2	9.8	1,125 [530.9]
RA15AZ48AJ3	RH3VZ4821STACN	45,500 [13.3]	35,500 [10.4]	10,000 [2.9]	15.2	9.8	1,425 [672.5]
RA15AZ60AJ3	RH3VZ6024STACN	55,500 [16.3]	43,000 [12.6]	12,500 [3.7]	15.2	9.8	1,675 [790.5]

NOTE: This data includes DTC (Designated Test Combination) ratings and is for reference purposes only. A full listing of official ratings and system match-ups, along with downloadable certificates, can be accessed from the AHRI website: www.ahridirectory.org.

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The new degree of comfort.®

Endeavor™ Line *Classic Plus*® Series iM Air Conditioners

This product meets a stringent set of our internally defined sustainability standards

RA16AZ

EcoNet® Enabled
Cooling Efficiencies up to: 17 SEER2/10.5 EER2
Nominal Sizes: 2 to 5 Tons [7.0 to 17.6 kW]
Cooling Capacities: 23.5 kBTU to 56 kBTU [6.9 to 16.4 kW]

ISO 9001:2015 · c UL us LISTED · AHRI CERTIFIED www.ahridirectory.org Unitary Small AC AHRI Standard 210/240

Table of Contents

Features and Benefits

- **EcoNet® Enabled:** Automatic system configuration and optimization
- **PlusOne® Diagnostics & Bluetooth®[1] Connectivity:** With the Rheem Contractor & EcoNet® Apps, built-in technology makes advanced set-up, monitoring, troubleshooting and repairing the product easier than ever before
- **PlusOne® Variable Speed Twin Rotary Compressor & Inverter Drive:** Features Inverter operation from 40 to 100% capacity with the EcoNet® Smart Thermostat
- **3-Speed Operation:** When installed with a 24V two-stage thermostat
- **Provides Precise Temperature Control:** Advanced humidity control and greater efficiency
- **Brushless DC Condenser Motors (BLDC):** Enhances reliability and allows for easier serviceability
- **Swept Wing Fan Technology:** Features quieter operation and improved unit acoustics
- **7mm Condenser Copper Coil:** Requires less refrigerant allowing for a smaller and lighter footprint while enhancing reliability
- **PlusOne® Expanded Valve Space:** 3 in. – 4in. – 5 in. service valve space—provides a minimum working area of 27-square inches for easier access
- **PlusOne® Triple Service Access:** 15 in. wide, industry leading corner service access, two fastener, removeable corner and individual louver panels—makes repairs easier and faster

[1]The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Rheem® is under license. Other trademarks and trade names are those of their respective owners.

Air Conditioners

R	A	16	A	Z	24	A	J	3	C	A	LHP
Brand	**Product Category**	**SEER2**	**Region**	**Refrigerant**	**Capacity BTU/HR**	**Major Series**	**Voltage**	**Type**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	A - Air Conditioners	16 - 16 SEER2	A - All	Z - R-410A	24 - 24,000 [7.03 kW] 36 - 36,000 [10.55 kW] 48 - 48,000 [14.07 kW] 60 - 60,000 [17.58 kW]	A - 1st Design	J - 1ph, 208-230/60	3 - 3+ Stage	C - Communicating	A - 1st Design	LHP - W/HLPC

[ ] Designates Metric Conversions

AVAILABLE MODELS	DESCRIPTION
RA16AZ24AJ3CA	Endeavor™ Line *Classic Plus*® Series 2 ton EcoNet® Enabled 3+ Speed iM Air Conditioner – 208/230/1/60
RA16AZ36AJ3CA	Endeavor™ Line *Classic Plus*® Series 3 ton EcoNet® Enabled 3+ Speed iM Air Conditioner – 208/230/1/60
RA16AZ48AJ3CA	Endeavor™ Line *Classic Plus*® Series 4 ton EcoNet® Enabled 3+ Speed iM Air Conditioner – 208/230/1/60
RA16AZ60AJ3CA	Endeavor™ Line *Classic Plus*® Series 5 ton EcoNet® Enabled 3+ Speed iM Air Conditioner – 208/230/1/60

STANDARD EQUIPMENT
R-410A Refrigerant
Scroll Compressor
Field Installed Filter Drier
Front Seating Service Valves
Internal Pressure Relief Valve
Internal Thermal Overload
Long Line capability
Low Ambient capability with Kit
3-4-5 Expanded Valve Space
Composite Basepan
2 Screw Control Box Access
15" Access to Internal Components
Quick release louver panel design
No fasteners to remove along bottom
Optimized Venturi Airflow
Single row condenser coil
Powder coated paint
Rust resistant screws
QR code
External gauge ports
Service trays

*5T Model SEER2: 15.5 SEER2

General Data

MODEL NO.	RA16AZ24AJ3	RA16AZ36AJ3	RA16AZ48AJ3	RA16AZ60AJ3
Nominal Tonnage	2.0	3.0	4.0	5.0
Valve Connections				
Liquid Line O.D. – in.	3/8	3/8	3/8	3/8
Suction Line O.D. – in.	3/4	3/4	7/8	7/8
Refrigerant (R410A) furnished oz.[1]	91	119	130	154
Compressor Type	Twin Rotary			
Outdoor Coil				
Net face area – Outer Coil	11.79	14.4	16.42	17.88
Net face area – Inner Coil	—	—	—	—
Tube diameter – in.	0.276	0.276	0.276	0.276
Number of rows	1	1	1	1
Fins per inch	24	24	24	24
Outdoor Fan				
Diameter – in.	20	24	24	26
Number of blades	3	3	3	3
Motor hp	1/5	1/5	1/3	1/2
CFM	2883	4138	4508	5348
RPM	1075	1000	1075	1075
watts	168	267	297	379
Shipping weight – lbs.	153	157	195	211
Operating weight – lbs.	146	150	188	204

Electrical Data

Line Voltage Data (Volts-Phase-Hz)	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Maximum overcurrent protection (amps)[2]	20	30	40	50
Minimum circuit ampacity[3]	12	20	25	32
Compressor				
Rated load amps	10	15	20	25
Locked rotor amps	65	70	96	119

[1]Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the installation instructions for information about set length and additional refrigerant charge required.
[2]HACR type circuit breaker of fuse.
[3]Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements.

Accessories

MODEL NO.		RA16AZ24AJ3	RA16AZ36AJ3	RA16AZ48AJ3	RA16AZ60AJ3
Compressor crankcase heater*		x	x	x	x
Low ambient control		Factory Installed	Factory Installed	Factory Installed	Factory Installed
Compressor sound cover		Factory Installed	Factory Installed	Factory Installed	Factory Installed
Compressor hard start kit		Factory Installed	Factory Installed	Factory Installed	Factory Installed
Compressor time delay		Factory Installed	Factory Installed	Factory Installed	Factory Installed
Low pressure control		x	x	x	x
High pressure control		Factory Installed	Factory Installed	Factory Installed	Factory Installed
Liquid Line Solenoid (24 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC
	Solenoid Coil	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V
Liquid Line Solenoid (120/240 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC
	Solenoid Coil	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V

*Crankcase Heater recommended with Low Ambient Kit.

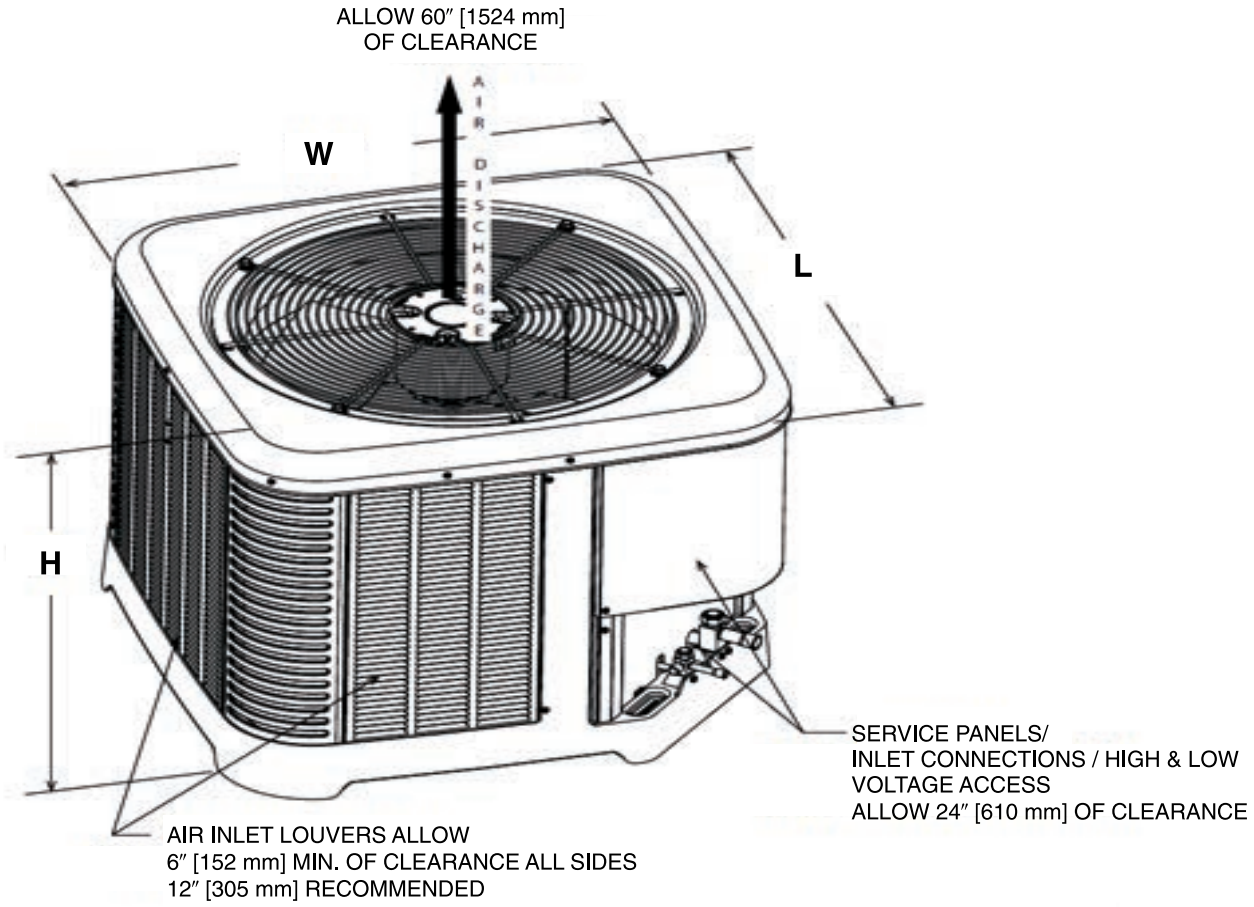
Weighted Sound Power Level (dBA)

UNIT SIZE - VOLTAGE, SERIES	STANDARD RATING (DBA)	TYPICAL OCTAVE BAND SPECTRUM (DBA WITHOUT TONE ADJUSTMENT)							SOUND POWER LEVEL [DB(A)] WITH SOUND BLANKET
		125	250	500	1000	2000	4000	8000	
RA16AZ24AJ3	63.3	35.9	47.9	55.3	53.2	50.4	47.1	43.8	Sound Blankets - Standard
	71.7	46.1	59.1	63.2	60.8	58.7	56.5	47.9	
RA16AZ36AJ3	61.4	38.5	48.0	53.8	49.2	45.9	47.0	47.4	
	72.9	47.5	59.5	64.9	60.7	62.6	57.0	49.6	
RA16AZ48AJ3	63.8	42.3	45.9	53.5	48.9	45.8	59.1	36.4	
	76.2	49.4	61.4	68.1	53.9	60.8	57.4	48.5	
RA16AZ60AJ3	65.7	39.7	49.0	58.2	54.5	52.2	53.8	41.3	
	76.7	49.3	64.6	68.1	65.1	62.6	58.6	53.0	

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI)

Unit Dimensions

MODEL NO.	OPERATING						SHIPPING					
	H (Height)		L (Length)		W (Width)		H (Height)		L (Length)		W (Width)	
	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
RA16AZ24AJ3	27.00	686	29.75	756	29.75	756	28.50	724	32.38	822	32.38	822
RA16AZ36AJ3	27.00	686	33.75	857	33.75	857	28.50	724	36.38	924	36.38	924
RA16AZ48AJ3	31.00	787	33.75	857	33.75	857	32.50	826	36.38	924	36.38	924
RA16AZ60AJ3	31.00	787	35.75	908	35.75	908	32.50	826	38.38	975	38.38	975



[ ] Designates Metric Conversions

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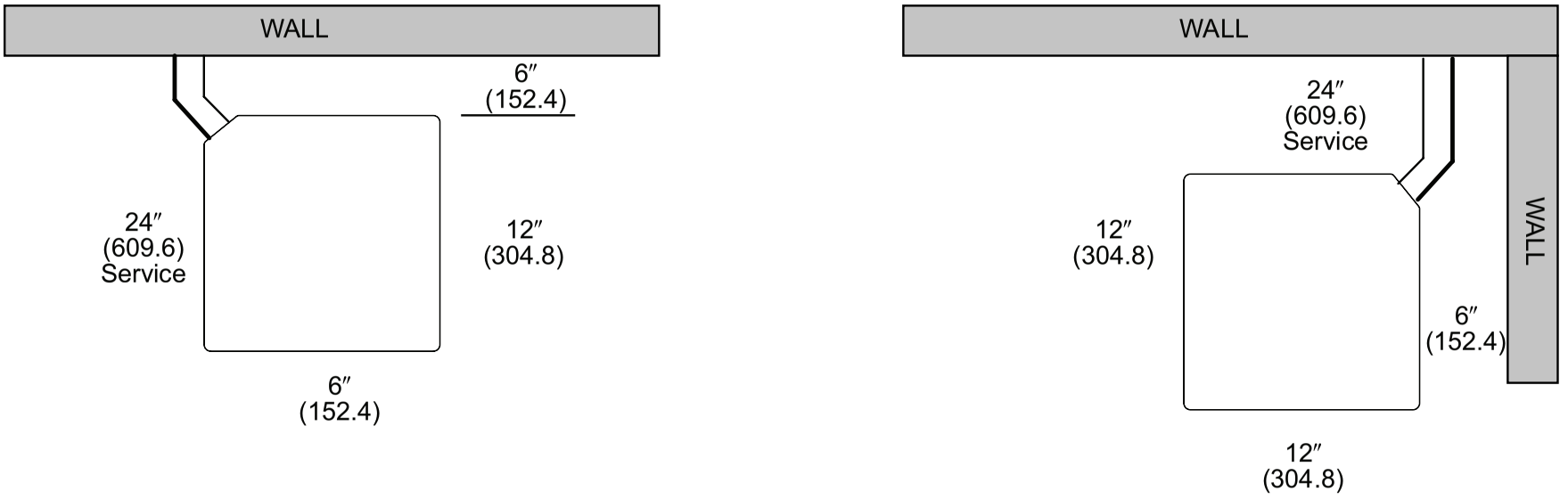
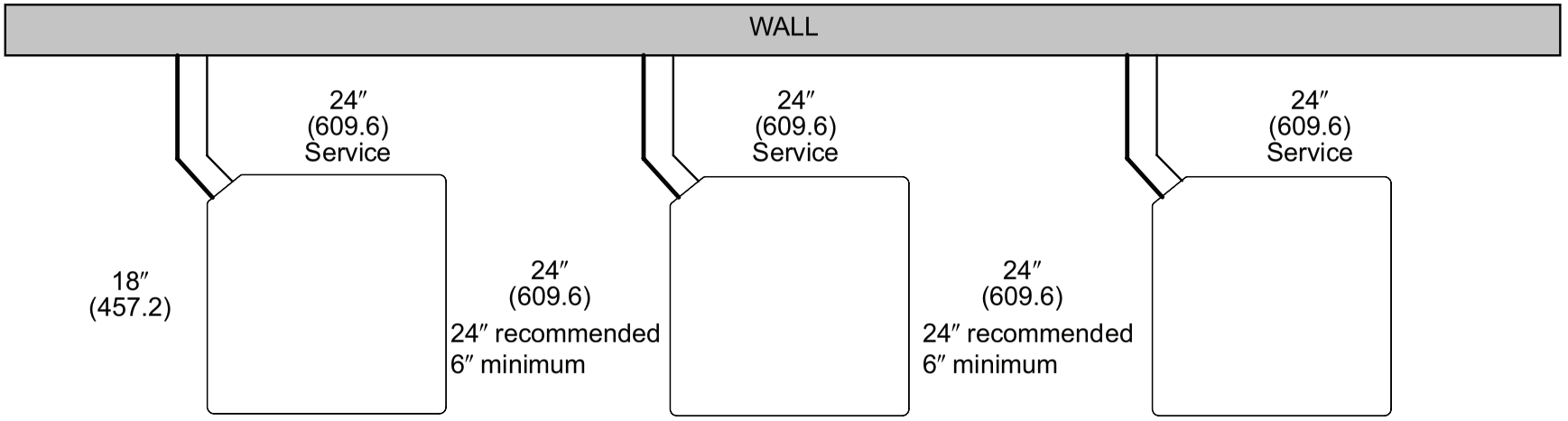
CLEARANCES



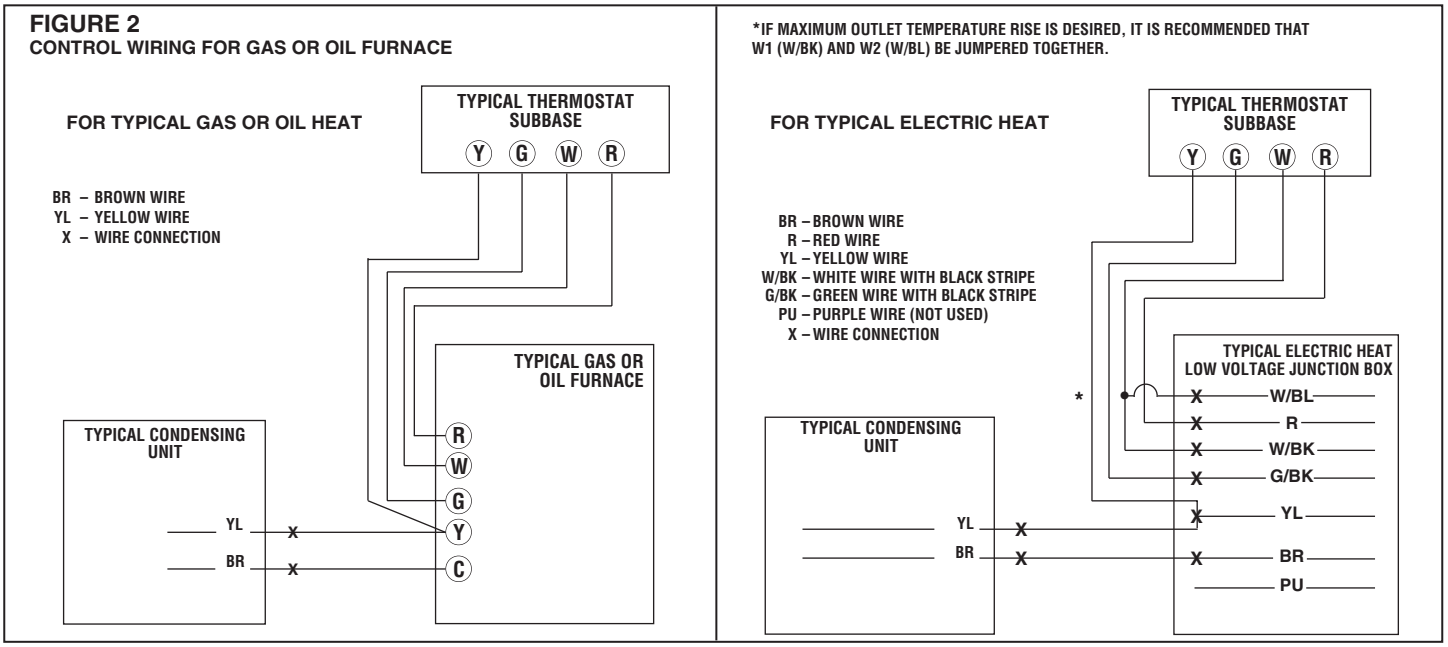


NOTE: NUMBERS IN () = mm

IMPORTANT: When installing multiple units in an alcove, roof well or partially enclosed area, ensure there is adequate ventillation to prevent re-circulation of discharge air.

Control Wiring

FIGURE 2
CONTROL WIRING FOR GAS OR OIL FURNACE



Application Guidelines

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01 -in. wc.
2. Minimum outdoor operation air temperature for cooling mode without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Use only copper wire for electric connections at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
6. Do not apply capillary tube indoor coils to these units.
7. Factory-supplied filter drier must be installed.

Refrigerant Line Size Information

15/16 SEER2 VARIABLE SPEED AIR CONDITIONERS								
UNIT SIZE	ALLOWABLE LIQUID LINE SIZE	ALLOWABLE VAPOR LINE SIZE	OUTDOOR UNIT ABOVE OR BELOW INDOOR UNIT EQUIVALENT LENGTH (FEET)					
			< 25	26-50	51-75	76-100	101-125	126-150
			MAXIMUM VERTICAL SEPARATION / CAPACITY MULTIPLIER					
2.0 Ton **SEE NOTE 3	1/4"	5/8"	25/1.00	50/0.99	32/0.98	40/0.97	NR	NR
	5/16"	5/8"	25/1.00	50/0.99	50/0.98	50/0.97	50/0.96	50/0.95
	3/8"	5/8"	25/1.00	50/0.99	50/0.98	50/0.97	50/0.96	50/0.95
	1/4"	3/4"**	25/1.00	50/1.00	32/0.99	40/0.99	NR	NR
	5/16"	3/4"**	25/1.00	50/1.00	50/0.99	50/0.99	50/0.99	50/0.98
	3/8"	3/4"**	25/1.00	50/1.00	50/0.99	50/0.99	50/0.99	50/0.98
3 Ton	5/16"	5/8"	25/0.99	50/0.97	50/0.95	50/0.93	37/0.91	NR
	3/8"	5/8"	25/0.99	50/0.97	50/0.95	50/0.93	50/0.91	NR
	5/16"	3/4"	25/1.00	50/0.99	50/0.99	50/0.98	37/0.97	22/0.96
	3/8"	3/4"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.97	50/0.96
	1/2"	3/4"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.97	50/0.96
4 Ton	3/8"	3/4"	25/0.99	50/0.98	50/0.97	50/0.96	50/0.94	50/0.93
	1/2"	3/4"	25/0.99	50/0.98	50/0.97	50/0.96	50/0.94	50/0.93
	3/8"	7/8"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.98	50/0.97
	1/2"	7/8"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.98	50/0.97
5 Ton	3/8"	3/4"	25/0.99	50/0.97	50/0.95	50/0.93	50/0.91	NR
	1/2"	3/4"	25/0.99	50/0.97	50/0.95	50/0.93	50/0.91	NR
	3/8"	7/8"	25/1.00	50/0.99	50/0.98	50/0.98	50/0.97	38/0.96
	1/2"	7/8"	25/1.00	50/0.99	50/0.98	50/0.98	50/0.97	50/0.96

NOTES:

1) Do not exceed 150 ft. linear line length.
2) *Do not exceed 50 ft. vertical separation if outdoor unit is above indoor unit.
3) **3/4" suction line should only be used for 2 ton systems if outdoor unit is below or at same level as indoor to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Refrigerant Line Size Information (Con't.)

15/16 SEER2 VARIABLE SPEED AIR CONDITIONERS								
UNIT SIZE	ALLOWABLE LIQUID LINE SIZE	ALLOWABLE VAPOR LINE SIZE	OUTDOOR UNIT ABOVE OR BELOW INDOOR UNIT EQUIVALENT LENGTH (METERS)					
			< 25	26-50	51-75	76-100	101-125	126-150
			MAXIMUM VERTICAL SEPARATION / CAPACITY MULTIPLIER					
2.0 Ton **SEE NOTE 3	6.35 [1/4]	15.88 [5/8]	8/1.00	15/0.99	10/0.98	10/0.97	NR	NR
	7.94 [5/16]	15.88 [5/8]	8/1.00	15/0.99	15/0.98	15/0.97	15/0.96	15/0.95
	9.53 [3/8]	15.88 [5/8]	8/1.00	15/0.99	15/0.98	15/0.97	15/0.96	15/0.95
	6.35 [1/4]	19.05 [3/4]**	8/1.00	15/0.99	10/0.99	12/0.99	NR	NR
	7.94 [5/16]	19.05 [3/4]**	8/1.00	15/0.99	15/0.99	15/0.99	15/0.99	15/0.98
	9.53 [3/8]	19.05 [3/4]**	8/1.00	15/0.99	15/0.99	15/0.99	15/0.99	15/0.98
3 Ton	7.94 [5/16]	15.88 [5/8]	8/0.99	15/0.97	15/0.95	15/0.93	11/0.91	NR
	9.53 [3/8]	15.88 [5/8]	8/0.99	15/0.97	15/0.95	15/0.93	15/0.91	NR
	7.94 [5/16]	19.05 [3/4]	8/1.00	15/0.99	15/0.99	15/0.98	11/0.97	7/0.96
	9.53 [3/8]	19.05 [3/4]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.97	15/0.96
	12.7 [1/2]	19.05 [3/4]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.97	15/0.96
4 Ton	9.53 [3/8]	19.05 [3/4]	8/0.99	15/0.98	15/0.97	15/0.96	15/0.94	15/0.93
	12.7 [1/2]	19.05 [3/4]	8/0.99	15/0.98	15/0.97	15/0.96	15/0.94	15/0.93
	9.53 [3/8]	22.23 [7/8]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.98	15/0.97
	12.7 [1/2]	22.23 [7/8]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.98	15/0.97
5 Ton	9.53 [3/8]	19.05 [3/4]	8/0.99	15/0.97	15/0.95	15/0.93	15/0.91	NR
	12.7 [1/2]	19.05 [3/4]	8/0.99	15/0.97	15/0.95	15/0.93	15/0.91	NR
	9.53 [3/8]	22.23 [7/8]	8/1.00	15/0.99	15/0.98	15/0.98	15/0.97	12/0.96
	12.7 [1/2]	22.23 [7/8]	8/1.00	15/0.99	15/0.98	15/0.98	15/0.97	15/0.97

NOTES:

1) Do not exceed 46 meters linear line length.
2) *Do not exceed 15 meters vertical separation between indoor and outdoor units.
3) **19.05mm [3/4"] vapor line should only be used for 2 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

ADDITIONAL OIL, OZ.											
LINESET LENGTH	50	60	70	80	90	100	110	120	130	140	150
2T	N/A	N/A	N/A	N/A	N/A	1	2	3	5	6	7
3T	N/A	N/A	N/A	N/A	N/A	N/A	1	2	3	5	6
4T	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5T	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Performance Data @ AHRI Standard Conditions – Cooling

DESIGNATED TESTED COMBINATION (DTC)							
OUTDOOR UNIT	**INDOOR COIL**	**TOTAL CAPACITY BTU/H [KW]**	**NET SENSIBLE BTU/H [KW]**	**NET LATENT BTU/H [KW]**	**SEER2**	**EER2**	**INDOOR CFM [L/S]**
RA16AZ24AJ3C	RH3VZ2417STACN	22,800 [6.7]	17,600 [5.2]	5,200 [1.5]	16.0	10.5	750 [354.0]
RA16AZ36AJ3C	RH3VZ3617STACN	34,200 [10.0]	26,600 [7.8]	7,600 [2.2]	16.0	10.5	1,125 [530.9]
RA16AZ48AJ3C	RH3VZ4821STACN	45,500 [13.3]	35,500 [10.4]	10,000 [2.9]	16.0	10.5	1,425 [672.5]
RA16AZ60AJ3C	RH3VZ6024STACN	55,500 [16.3]	43,000 [12.6]	12,500 [3.7]	15.5	9.8	1,675 [790.5]

NOTE: This data includes DTC (Designated Test Combination) ratings and is for reference purposes only. A full listing of official ratings and system match-ups, along with downloadable certificates, can be accessed from the AHRI website: www.ahridirectory.org.

[ ] Designates Metric Conversions

The new degree of comfort.®

Endeavor™ Line *Prestige*® Series iM Air Conditioners

This product meets a stringent set of our internally defined sustainability standards

RA18AZ

EcoNet® Enabled
Cooling Efficiencies up to: 20.0 SEER2/13 EER2
Nominal Sizes: 2 to 5 Tons [7.0 to 17.6 kW]
Cooling Capacities: 22.8 to 54 kBTU [6.7 to 15.83 kW]

ISO 9001:2015 · ENERGY STAR · AHRI CERTIFIED www.ahridirectory.org Unitary Small AC AHRI Standard 210/240 · c UL us LISTED

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet Energy Star. Ask your Contractor for details or visit www.energystar.gov.

Table of Contents

Features and Benefits

- **EcoNet® Enabled:** Automatic system configuration and optimization
- **PlusOne® Diagnostics & Bluetooth Connectivity:** With the Rheem Contractor & EcoNet® Apps, built-in technology makes advanced set-up, monitoring, troubleshooting, and repairing the product easier than ever before
- **Brushless DC Condenser Motors (BLDC):** Enhances reliability and allows for easier serviceability
- **Swept Wing Fan Technology:** Features quieter operation and improved unit acoustics
- **PlusOne® Expanded Valve Space:** 3 in. – 4 in. – 5 in. service valve space—provides a minimum working area of 27-square inches for easier access
- **PlusOne® Triple Service Access:** 15 in. wide, industry leading corner service access, two fastener, removeable corner and individual louver panels – makes repairs easier and faster

Air Conditioners

R	A	18	A	Z	24	A	J	V	C	A
Brand	**Product Category**	**SEER2**	**Region**	**Refrigerant**	**Capacity BTU/HR**	**Major Series**	**Voltage**	**Type**	**Controls**	**Minor Series**
R - Rheem	A - Air Conditioners	18 - 18 SEER2	A - All	Z - R-410A	24 - 24,000 [7.03 kW] 36 - 36,000 [10.55 kW] 48 - 48,000 [14.07 kW] 60 - 60,000 [17.58 kW]	A - 1st Design	J - 1ph, 208-230/60	V - Inverter	C - Communicating	A - 1st Design

[ ] Designates Metric Conversions

AVAILABLE MODELS	DESCRIPTION
RA18AZ24AJVCA	Endeavor™ Line *Prestige*® Series 2 ton EcoNet® Enabled Inverter Driven Variable Speed iM Air Conditioner - 208/230/1/60
RA18AZ36AJVCA	Endeavor™ Line *Prestige*® Series 3 ton EcoNet® Enabled Inverter Driven Variable Speed iM Air Conditioner - 208/230/1/60
RA18AZ48AJVCA	Endeavor™ Line *Prestige*® Series 4 ton EcoNet® Enabled Inverter Driven Variable Speed iM Air Conditioner - 208/230/1/60
RA18AZ60AJVCA	Endeavor™ Line *Prestige*® Series 5 ton EcoNet® Enabled Inverter Driven Variable Speed iM Air Conditioner - 208/230/1/60

STANDARD EQUIPMENT
R-410A Refrigerant
EcoNet® Enabled
Variable Speed Compressor
Compressor Sound Blanket
Variable speed outdoor fan motor
Swept wing fan blade
Field Installed Filter Drier
Front Seating Service Valves
Internal Pressure Relief Valve
Internal Thermal Overload
Low Ambient capability
3-4-5 Expanded Valve Space
Composite Basepan
1" Screw Control Box Access
15" Access to Internal Components
Quick release louver panel design
No fasteners to remove along bottom
Optimized Venturi Airflow
Single row condenser coil[1]
Powder coated paint
Rust resistant screws
QR code
External gauge ports
Service trays

[1]5 Ton model includes 2 row condenser coil

General Data

GENERAL DATA				
MODEL NO.	**RA18AZ24AJVCA**	**RA18AZ36AJVCA**	**RA18AZ48AJVCA**	**RA18AZ60AJVCA**
Nominal Tonnage	2.0	3.0	4.0	5.0
Valve Connections				
Liquid Line O.D. – in.	3/8	3/8	3/8	3/8
Suction Line O.D. – in.	3/4	3/4	7/8	7/8
Refrigerant (R410A) furnished oz.[1]	210	212	222	252
Compressor Type	Scroll			
Outdoor Coil				
Net face area – Outer Coil	22.2	22.3	32.5	32.5
Net face area – Inner Coil	—	—	—	32.5
Tube diameter – in.	0.375	0.375	0.375	0.375
Number of rows	1	1	1	2
Fins per inch	20	20	22	20
Outdoor Fan				
Diameter – in.	24	24	26	26
Number of blades	3	3	3	3
Motor hp	1/5	1/3	1/2	1/2
CFM	3330	4315	6240	6175
RPM	772	825	935	900
watts	83	114	278	278
Shipping weight – lbs.	226	244	263	316
Operating weight – lbs.	214	236	255	307

Electrical Data

Line Voltage Data (Volts-Phase-Hz)	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**	**208/230-1-60**
Maximum overcurrent protection (amps)[2]	35	45	70	80
Minimum circuit ampacity[3]	21	29	46	48
Compressor				
Rated load amps	15	20.1	32	34.1
Locked rotor amps	35	35	50	50

[1]Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the installation instructions for information about set length and additional refrigerant charge required.
[2]HACR type circuit breaker of fuse.
[3]Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements.

Accessories

MODEL NO.	RA18AZ24AJVCA	RA18AZ36AJVCA	RA18AZ48AJVCA	RA18AZ60AJVCA
EcoNet® Smart Thermostat	RETST800SYS	RETST800SYS	RETST800SYS	RETST800SYS
Compressor Sound Cover	STD	STD	STD	STD
Supply / Return Sensor	RXHT-A02	RXHT-A02	RXHT-A02	RXHT-A02

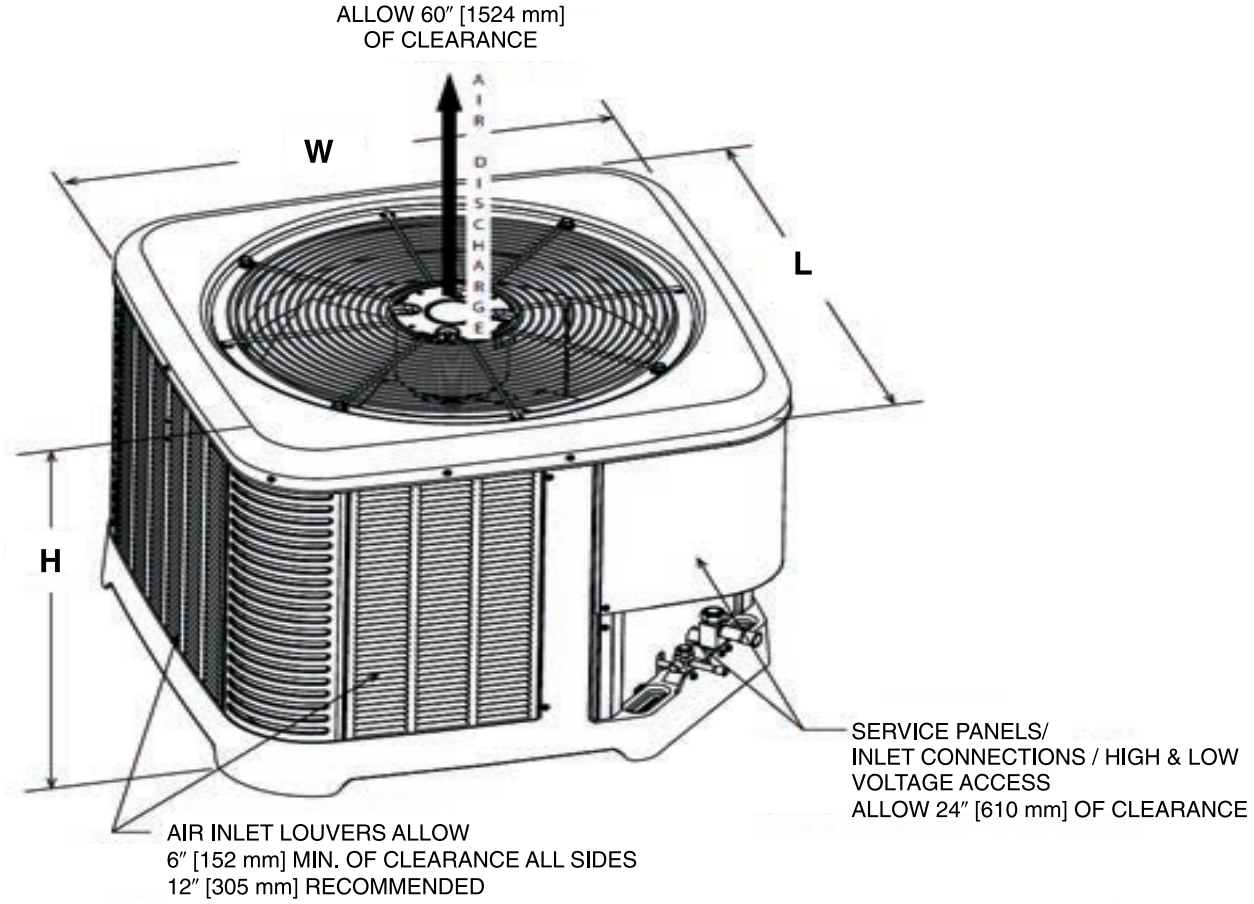
Weighted Sound Power Level

MODEL	SOUND POWER LEVEL [DB(A)] LOW SPEED/ HIGH SPEED	FULL OCTAVE LINEAR SOUND POWER LEVEL DB - CENTER FREQUENCY - HZ							SOUND POWER LEVEL [DB(A)] WITH SOUND BLANKET
		125	250	500	1000	2000	4000	8000	
RA18AZ24AJVCA	58.9	29	36.5	42	45.7	42.3	43.2	33	Sound Blankets - Standard
	68	47.1	47.7	58.8	57.1	55.0	52.7	45.6	
RA18AZ36AJVCA	57	29.2	36.7	44.9	45.4	42.2	39.4	32.2	
	72	42.9	52.8	62.7	63.6	58.7	54.1	52.4	
RA18AZ48AJVCA	54	30.6	39	42.2	42.5	36.5	35.2	35	
	72	48.2	55.3	64.6	61.7	56.2	51.7	46.2	
RA18AZ60AJVCA	70	46.6	50.5	62.7	52.9	49.4	46	41.4	
	76	50.7	62.7	67.7	65.4	64.2	59.2	54.9	

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI)

Unit Dimensions

MODEL NO.	OPERATING						SHIPPING					
	H (Height)		L (Length)		W (Width)		H (Height)		L (Length)		W (Width)	
	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
RA18AZ24AJVCA	39	990	33.75	857	33.75	857	41.56	1055	37.64	956	37.56	954
RA18AZ36AJVCA	39	990	33.75	857	33.75	857	41.56	1055	37.64	956	37.56	954
RA18AZ48AJVCA	51	1295	35.75	908	35.75	908	53.56	1360	39.37	999	39.64	1006
RA18AZ60AJVCA	51	1295	35.75	908	35.75	908	53.56	1360	39.37	999	39.64	1006



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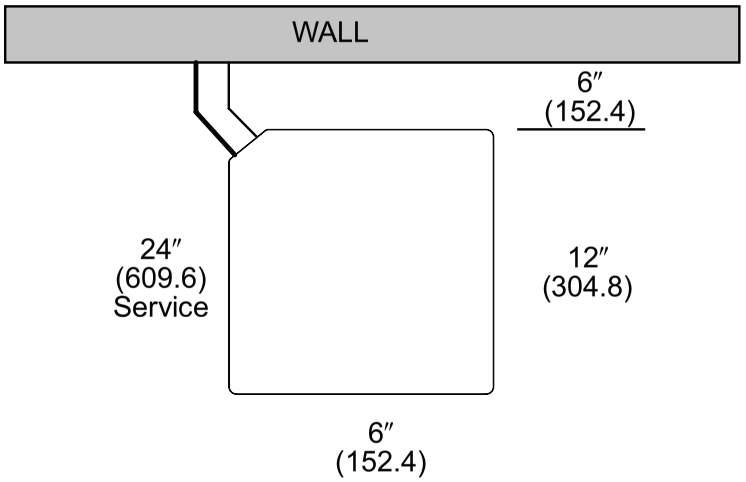
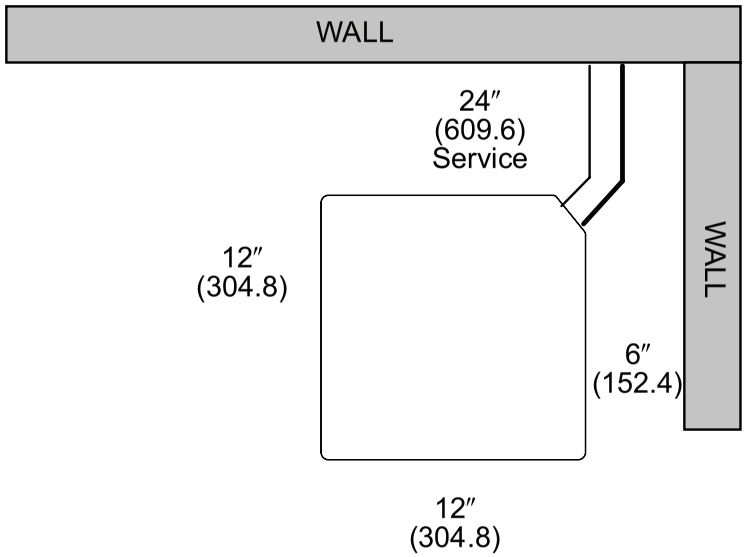
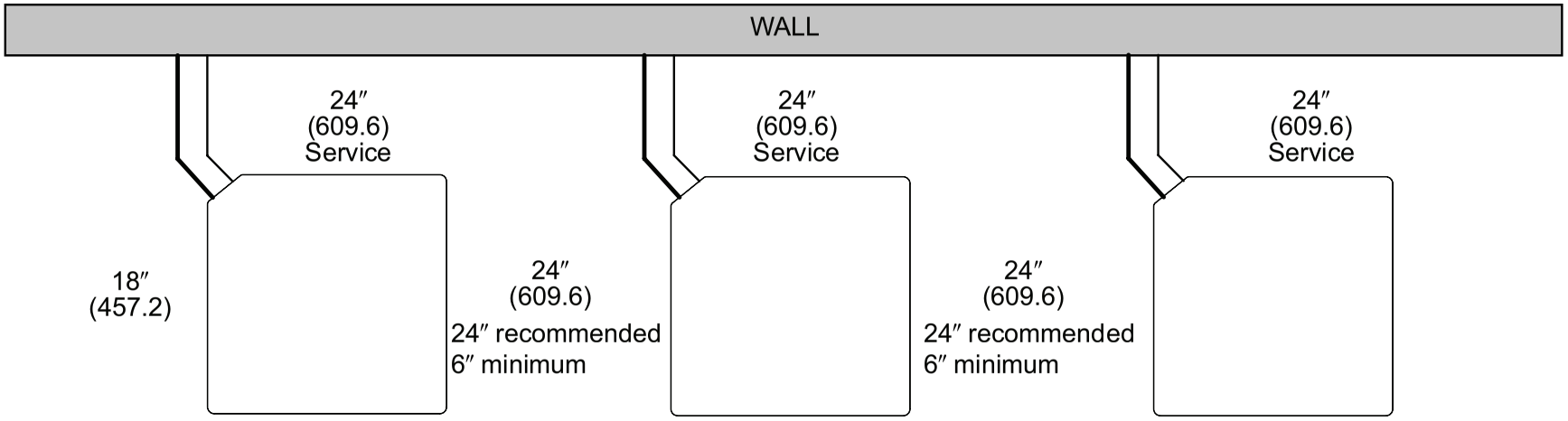
CLEARANCES





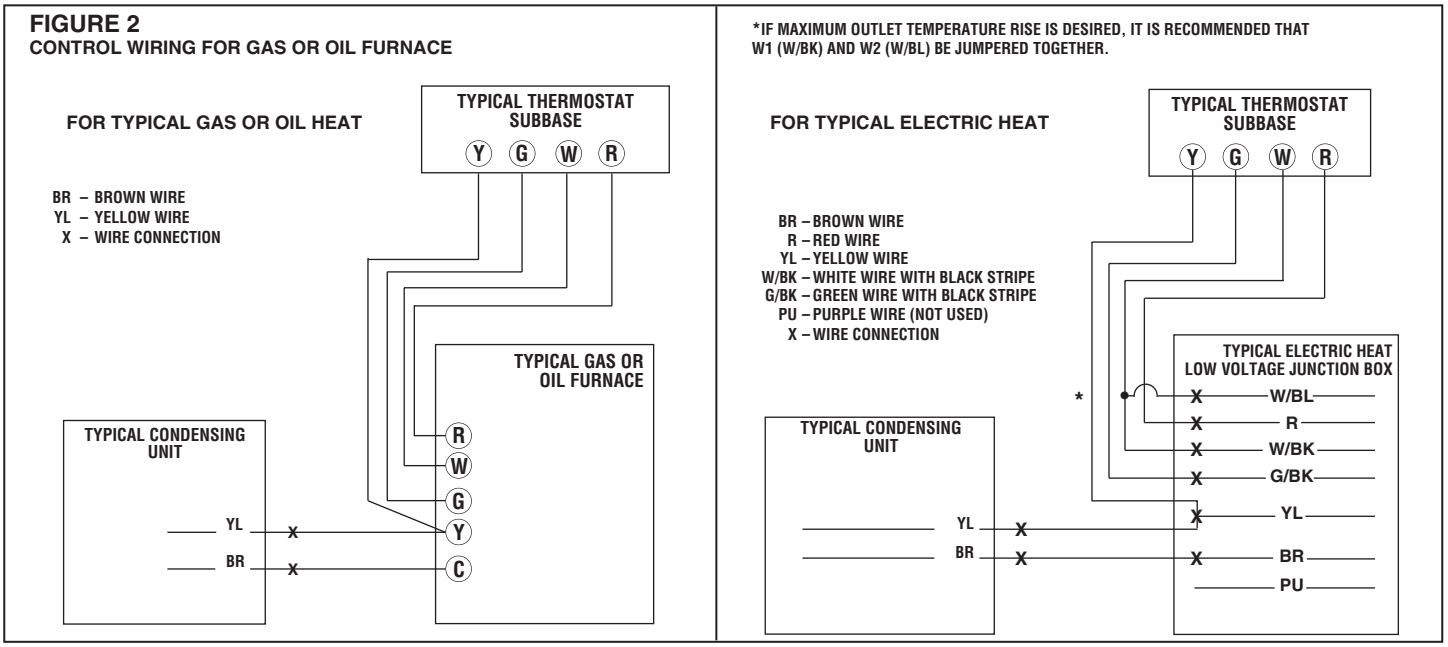


NOTE: NUMBERS IN () = mm

IMPORTANT: When installing multiple units in an alcove, roof well or partially enclosed area, ensure there is adequate ventillation to prevent re-circulation of discharge air.

Control Wiring

FIGURE 2
CONTROL WIRING FOR GAS OR OIL FURNACE



Application Guidelines

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01 in. wc.
2. Minimum outdoor operation air temperature for cooling mode without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Use only copper wire for electric connections at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
6. Do not apply capillary tube indoor coils to these units.
7. Factory-supplied filter drier must be installed.

Refrigerant Line Size Information

18 SEER2 VARIABLE SPEED AIR CONDITIONERS								
UNIT SIZE	ALLOWABLE LIQUID LINE SIZE	ALLOWABLE VAPOR LINE SIZE	OUTDOOR UNIT ABOVE OR BELOW INDOOR UNIT EQUIVALENT LENGTH (FEET)					
			< 25	26-50	51-75	76-100	101-125	126-150
			MAXIMUM VERTICAL SEPARATION/CAPACITY MULTIPLIER					
2 Ton* **SEE NOTE 3**	1/4"	5/8"	25/1.00	50/0.99	32/0.98	40/0.97	**NR**	**NR**
	5/16"	5/8"	25/1.00	50/0.99	50/0.98	50/0.97	50/0.96	50/0.95
	3/8"	5/8"	25/1.00	50/0.99	50/0.98	50/0.97	50/0.96	50/0.95
	1/4"	3/4"**	25/1.00	50/1.00	32/0.99	40/0.99	**NR**	**NR**
	5/16"	3/4"**	25/1.00	50/1.00	50/0.99	50/0.99	50/0.99	50/0.98
	3/8"	3/4"**	25/1.00	50/1.00	50/0.99	50/0.99	50/0.99	50/0.98
3 Ton	5/16"	5/8"	25/0.99	50/0.97	50/0.95	50/0.93	37/0.91	**NR**
	3/8"	5/8"	25/0.99	50/0.97	50/0.95	50/0.93	50/0.91	**NR**
	5/16"	3/4"	25/1.00	50/0.99	50/0.99	50/0.98	37/0.97	22/0.96
	3/8"	3/4"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.97	50/0.96
	1/2"	3/4"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.97	50/0.96
4 Ton	3/8"	3/4"	25/0.99	50/0.98	50/0.97	50/0.96	50/0.94	50/0.93
	1/2"	3/4"	25/0.99	50/0.98	50/0.97	50/0.96	50/0.94	50/0.93
	3/8"	7/8"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.98	50/0.97
	1/2"	7/8"	25/1.00	50/0.99	50/0.99	50/0.98	50/0.98	50/0.97
5 Ton	3/8"	3/4"	25/0.99	50/0.97	50/0.95	50/0.93	50/0.91	**NR**
	1/2"	3/4"	25/0.99	50/0.97	50/0.95	50/0.93	50/0.91	**NR**
	3/8"	7/8"	25/1.00	50/0.99	50/0.98	50/0.98	50/0.97	38/0.96
	1/2"	7/8"	25/1.00	50/0.99	50/0.98	50/0.98	50/0.97	50/0.96

NOTES:

1) Do not exceed 150 ft linear line length.
2) *Do not exceed 50 ft vertical separation between indoor and outdoor units.
3) **3/4" suction line should only be used for 2 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

[ ] Designates Metric Conversions

Refrigerant Line Size Information (Con't.)

18 SEER2 VARIABLE SPEED AIR CONDITIONERS								
UNIT SIZE	ALLOWABLE LIQUID LINE SIZE	ALLOWABLE VAPOR LINE SIZE	OUTDOOR UNIT ABOVE OR BELOW INDOOR UNIT EQUIVALENT LENGTH (METERS)					
			< 8	8-15	16-23	24-30	31-38	39-46
			MAXIMUM VERTICAL SEPARATION/CAPACITY MULTIPLIER					
2 Ton* **SEE NOTE 3**	6.35 [1/4]	15.88 [5/8]	8/1.00	15/0.99	10/0.98	10/0.97	**NR**	**NR**
	7.94 [5/16]	15.88 [5/8]	8/1.00	15/0.99	15/0.98	15/0.97	15/0.96	15/0.95
	9.53 [3/8]	15.88 [5/8]	8/1.00	15/0.99	15/0.98	15/0.97	15/0.96	15/0.95
	6.35 [1/4]	19.05 [3/4]**	8/1.00	15/0.99	10/0.99	12/0.99	**NR**	**NR**
	7.94 [5/16]	19.05 [3/4]**	8/1.00	15/0.99	15/0.99	15/0.99	15/0.99	15/0.98
	9.53 [3/8]	19.05 [3/4]**	8/1.00	15/0.99	15/0.99	15/0.99	15/0.99	15/0.98
3 Ton	7.94 [5/16]	15.88 [5/8]	8/0.99	15/0.97	15/0.95	15/0.93	11/0.91	**NR**
	9.53 [3/8]	15.88 [5/8]	8/0.99	15/0.97	15/0.95	15/0.93	15/0.91	**NR**
	7.94 [5/16]	19.05 [3/4]	8/1.00	15/0.99	15/0.99	15/0.98	11/0.97	7/0.96
	9.53 [3/8]	19.05 [3/4]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.97	15/0.96
	12.70 [1/2]	19.05 [3/4]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.97	15/0.96
4 Ton	9.53 [3/8]	19.05 [3/4]	8/0.99	15/0.98	15/0.97	15/0.96	15/0.94	15/0.93
	12.70 [1/2]	19.05 [3/4]	8/0.99	15/0.98	15/0.97	15/0.96	15/0.94	15/0.93
	9.53 [3/8]	22.23 [7/8]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.98	15/0.97
	12.70 [1/2]	22.23 [7/8]	8/1.00	15/0.99	15/0.99	15/0.98	15/0.98	15/0.97
5 Ton	9.53 [3/8]	19.05 [3/4]	8/0.99	15/0.97	15/0.95	15/0.93	15/0.91	**NR**
	12.70 [1/2]	19.05 [3/4]	8/0.99	15/0.97	15/0.95	15/0.93	15/0.91	**NR**
	9.53 [3/8]	22.23 [7/8]	8/1.00	15/0.99	15/0.98	15/0.98	15/0.97	12/0.96
	12.70 [1/2]	22.23 [7/8]	8/1.00	15/0.99	15/0.98	15/0.98	15/0.97	15/0.97

NOTES:

1) Do not exceed 46 meters linear line length.
2) *Do not exceed 15 meters vertical separation between indoor and outdoor units.
3) **19.05mm [3/4 in.] vapor line should only be used for 2 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
4) Always use the smallest liquid line allowable to minimize refrigerant charge.
5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed
6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Performance Data @ AHRI Standard Conditions – Cooling

DESIGNATED TESTED COMBINATION (DTC)							
OUTDOOR UNIT	**INDOOR COIL**	**TOTAL CAPACITY BTU/H [KW]**	**NET SENSIBLE BTU/H [KW]**	**NET LATENT BTU/H [KW]**	**SEER2**	**EER2**	**INDOOR CFM [L/S]**
RA18AZ24AJVC	RHMVZ2421MEACN	22,400 [6.6]	17,200 [5.0]	5,200 [1.5]	18.0	10.5	825 [389.4]
RA18AZ36AJVC	RHMVZ6021SEACA	34,600 [10.1]	25,800 [7.6]	8,800 [2.6]	18.0	10.5	1,225 [578.1]
RA18AZ48AJVC	RHMVZ6021SEACA	45,000 [13.2]	32,600 [9.6]	12,400 [3.6]	18.0	10.5	1,575 [743.3]
RA18AZ60AJVC	RHMVZ6024SEACN	55,000 [16.1]	40,200 [11.8]	14,800 [4.3]	18.0	10.5	1,650 [778.7]

NOTE: This data includes DTC (Designated Test Combination) ratings and is for reference purposes only. A full listing of official ratings and system match-ups, along with downloadable certificates, can be accessed from the AHRI website: www.ahridirectory.org.

[ ] Designates Metric Conversions

The new degree of comfort®

Endeavor™ Line Cased/Uncased Coils For Gas and Oil Furnaces

RCFZ

Featuring Industry Standard R-410A Refrigerant
Airflow Capacity
600-1,900 CFM [283-897 L/s]

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Features & Benefits

- Rheem® Indoor Furnace cased coils and replacement uncased coils are designed for use with Rheem outdoor units and are available for vertical upflow or downflow, and horizontal left or horizontal right airflow. When matched with Rheem outdoor units, the coils provide a nominal capacity range from 18,000 BTU/HR [5.24 kW] to 60,000 BTU/HR [17.6 kW]
- Constructed of aluminum fins bonded to internally grooved aluminum tubing
- Coils are tested at the factory with an extensive refrigerant leak check
- Coils have copper sweat refrigerant connections
- Feature two sets of 3/4" [19.1 mm] N.P.T. Condensate drain connections for ease of connection
- Chatleff metering device connections, at inlet and outlet of TXV or EEV and equalizer connections (TXV only)
- Approved for system application with variety of Rheem outdoor units
- Condensate drain pan is constructed of high grade, heat resistant, corrosion free thermal-set material
- Compatible with Germicidal Light System (UV resistant)
- Bi-Directional airflow eliminates the need to switch any internal components from horizontal left to right
- Unique drain pan design maximizes application flexibility and condensate removal
- N-Coil design maximizes performance and minimizes height required at installation
- Coils are AHRI certified for system application with a variety of Rheem outdoor units

[ ] Designates Metric Conversions

Coils

R	C	F	Z	24	14	S	T	A	A	M	C	*
Brand	**Product Category**	**Type**	**Refrigerant**	**Capacity**	**Width**	**Efficiency**	**Metering Device**	**Major Series**	**Coil Series**	**Orientation**	**Casing**	**Option Code**
R = Rheem	C = Coil	F = Furnace Coil	Z = R410A	24/25 = 24,000 BTU/H 36/37 = 36,000 BTU/H 42 = 42,000 BTU/H 48/49 = 48,000 BTU/H 60/61 = 60,000 BTU/H	14 = 14" 17 = 17.5" 21 = 21" 24 = 24.5"	S = Standard M = Medium H = High U = Ultra	T = TXV E = EXV	A = First	A = A-Coil N = N-Coil	M = Multipoise V = Vertical only/ Convertible	C = Cased U = Uncased	*

TXV MODELS BASE TIER	
RCFZ2414STAAMC	RCFZ2414STAAVU
RCFZ2417MTANMC	RCFZ2417MTANVU
RCFZ2417STANMC	RCFZ2417STANVU
RCFZ2421MTANMC	RCFZ2421MTANVU
RCFZ3617STANMC	RCFZ3617STANVU
RCFZ3621MTAAMC	RCFZ3621MTAAVU
RCFZ3621MTANMC	RCFZ3621MTANVU
RCFZ3621STANMC	RCFZ3621STANVU
RCFZ3624MTANMC	RCFZ3624MTANVU
RCFZ4821STAAMC	RCFZ4821STAAVU
RCFZ4821STANMC	RCFZ4821STANVU
RCFZ4824MTANMC	RCFZ4824MTANVU
RCFZ4824STANMC	RCFZ4824STANVU
RCFZ6021STAAMC	RCFZ6021STAAVU
RCFZ6024STANMC	RCFZ6024STANVU

EEV MODELS HIGH TIER	
RCFZ2421HEAAMC	RCFZ2421HEAAVU
RCFZ2417SEANMC	RCFZ2417SEANVU
RCFZ2421HEANMC	RCFZ2421HEANVU
RCFZ2421MEANMC	RCFZ2421MEANVU
RCFZ3621MEAAMC	RCFZ3621MEAAVU
RCFZ3621MEANMC	RCFZ3621MEANVU
RCFZ4821SEAAMC	RCFZ4821SEAAVU
RCFZ6021SEAAMC	RCFZ6021SEAAVU
RCFZ6024SEANMC	RCFZ6024SEANVU

TXV MODELS MID TIER	
RCFZ2517STANMC	RCFZ2517STANVU
RCFZ3717STANMC	RCFZ3717STANVU
RCFZ4921STANMC	RCFZ4921STANVU
RCFZ6124STANMC	RCFZ6124STANVU

Coil Specifications/Airflow Pressure Drop

Coil Model (-)CFZ	Approx. Design Cooling Airflow Range CFM [L/s]	Face Area Sq. Ft. [m2]	Fins Per Inch/ Rows Deep	Width	Nominal Capacity		Wet Coil Static Pressure Drop (Inches W.C.) [kPa] @ CFM [L/s] – (Coil Only)													
							600 [283]	700 [330]	800 [378]	900 [425]	1000 [472]	1100 [519]	1200 [566]	1300 [614]	1400 [661]	1500 [708]	1600 [755]	1700 [802]	1800 [850]	1900 [897]
(-)CFZ2414S*	525/900 [248/425]	4.56 [0.42]	16/2	14	1.5	2	0.171 [42]	0.221 [55]	0.278 [69]	0.342 [85]	0.412 [103]	—	—	—	—	—	—	—	—	—
(-)CFZ2417S/ (-)CFZ2517S	525/900 [248/425]	4.56 [0.42]	16/2	17			0.115 [29]	0.150 [37]	0.189 [47]	0.232 [58]	0.279 [69]	—	—	—	—	—	—	—	—	—
(-)CFZ2417M	525/900 [248/425]	5.70 [0.52]	16/2				0.107 [27]	0.137 [34]	0.171 [42]	0.209 [52]	0.251 [62]	—	—	—	—	—	—	—	—	—
(-)CFZ3617S/ (-)CFZ3717S	800/1200 [378/566]	5.70 [0.52]	16/2		2.5		0.107 [27]	0.137 [34]	0.171 [42]	0.209 [52]	0.251 [62]	0.297 [74]	0.347 [86]	0.401 [100]	—	—	—	—	—	—
(-)CFZ2421M	525/900 [248/425]	5.70 [0.52]	16/2	21	1.5	2	0.107 [27]	0.137 [34]	0.171 [42]	0.209 [52]	0.251 [62]	—	—	—	—	—	—	—	—	—
(-)CFZ2421H	525/900 [248/425]	8.55 [0.79]	16/2				0.062 [15]	0.086 [21]	0.112 [28]	0.140 [35]	0.170 [42]	—	—	—	—	—	—	—	—	—
(-)CFZ2421H*	525/900 [248/425]	7.60 [0.70]	13/3				0.041 [10]	0.060 [15]	0.081 [20]	0.105 [26]	0.130 [32]	—	—	—	—	—	—	—	—	—
(-)CFZ3621S	800/1200 [378/566]	5.70 [0.52]	16/2		2.5	3	0.107 [27]	0.137 [34]	0.171 [42]	0.209 [52]	0.251 [62]	0.297 [74]	0.347 [86]	0.401 [100]	—	—	—	—	—	—
(-)CFZ3621M	800/1300 [378/614]	8.55 [0.79]	16/2				0.062 [15]	0.086 [21]	0.112 [28]	0.140 [35]	0.170 [42]	0.202 [50]	0.236 [59]	0.272 [68]	0.309 [77]	—	—	—	—	—
(-)CFZ3621M*	800/1300 [378/614]	7.60 [0.70]	13/3				0.041 [10]	0.060 [15]	0.081 [20]	0.105 [26]	0.130 [32]	0.157 [39]	0.186 [46]	0.217 [54]	0.250 [62]	—	—	—	—	—
(-)CFZ4821S/ (-)CFZ4921S	1200/1600 [566/755]	8.55 [0.79]	16/2		3.5	4	0.062 [15]	0.086 [21]	0.112 [28]	0.140 [35]	0.170 [42]	0.202 [50]	0.236 [59]	0.272 [68]	0.309 [77]	0.349 [87]	0.391 [97]	0.434 [108]	0.480 [119]	—
(-)CFZ4821S*	1200/1600 [566/755]	7.60 [0.70]	13/3				0.041 [10]	0.060 [15]	0.081 [20]	0.105 [26]	0.130 [32]	0.157 [39]	0.186 [46]	0.217 [54]	0.250 [62]	0.285 [71]	0.322 [80]	0.361 [90]	0.402 [100]	—
(-)CFZ6021ST*	1400/1800 [661/850]	7.60 [0.70]	13/3		5		0.000 [0]	0.007 [2]	0.035 [9]	0.063 [16]	0.091 [23]	0.119 [30]	0.147 [37]	0.175 [44]	0.203 [50]	0.231 [57]	0.259 [64]	0.287 [71]	0.315 [78]	0.343 [85]
(-)CFZ6021SE*	1400/1600 [661/755]	7.60 [0.70]	13/3		3	5	0.041 [10]	0.060 [15]	0.081 [20]	0.105 [26]	0.130 [32]	0.157 [39]	0.186 [46]	0.217 [54]	0.250 [62]	0.285 [71]	0.322 [80]	0.361 [90]	0.402 [100]	0.444 [111]
(-)CFZ3624M	800/1300 [378/614]	8.55 [0.79]	16/2	24	2.5	3.0	0.062 [15]	0.086 [21]	0.112 [28]	0.140 [35]	0.170 [42]	0.202 [50]	0.236 [59]	0.272 [68]	0.309 [77]	—	—	—	—	—
(-)CFZ4824S	1200/1600 [566/755]	8.55 [0.79]	16/2		3.5	4	0.062 [15]	0.086 [21]	0.112 [28]	0.140 [35]	0.170 [42]	0.202 [50]	0.236 [59]	0.272 [68]	0.309 [77]	0.349 [87]	0.391 [97]	0.434 [108]	0.480 [119]	—
(-)CFZ4824M	1200/1600 [566/755]	9.98 [0.93]	13/3				0.032 [8]	0.049 [12]	0.069 [17]	0.091 [23]	0.114 [28]	0.140 [35]	0.167 [42]	0.197 [49]	0.228 [57]	0.262 [65]	0.297 [74]	0.334 [83]	0.374 [93]	—
(-)CFZ6024S/ (-)CFZ6124S	1400/1600 [661/755]	9.98 [0.93]	13/3		5		0.032 [8]	0.049 [12]	0.069 [17]	0.091 [23]	0.114 [28]	0.140 [35]	0.167 [42]	0.197 [49]	0.228 [57]	0.262 [65]	0.297 [74]	0.334 [83]	0.374 [93]	0.415 [103]

[ ] Designates Metric Conversions

Coil Specifications/Airflow Pressure Drop (Con't.)

Coil Model (-)CFZ	Approx. Design Cooling Airflow Range CFM [L/s]	Face Area Sq. Ft. [m2]	Fins Per Inch/ Rows Deep	Width	Nominal Capacity		Dry Coil Static Pressure Drop (Inches W.C.) [kPa] @ CFM [L/s] – (Coil Only)													
							600 [283]	700 [330]	800 [378]	900 [425]	1000 [472]	1100 [519]	1200 [566]	1300 [614]	1400 [661]	1500 [708]	1600 [755]	1700 [802]	1800 [850]	1900 [897]
(-)CFZ2414S*	600/1200 [283/566]	4.56 [0.42]	16/2	14			0.121 [30]	0.160 [40]	0.205 [51]	0.256 [64]	0.312 [78]	0.373 [93]	0.441 [110]	0.514 [128]	—	—	—	—	—	—
(-)CFZ2417S/ (-)CFZ2517S	600/1200 [283/566]	4.56 [0.42]	16/2		1.5	2	0.097 [24]	0.128 [32]	0.163 [41]	0.202 [50]	0.245 [61]	0.292 [73]	0.343 [85]	0.398 [99]	—	—	—	—	—	—
(-)CFZ2417M	600/1200 [283/566]	5.70 [0.52]	16/2	17			0.112 [28]	0.144 [36]	0.180 [45]	0.220 [55]	0.264 [66]	0.312 [78]	0.364 [91]	0.420 [105]	—	—	—	—	—	—
(-)CFZ3617S/ (-)CFZ3717S	600/1300 [283/614]	5.70 [0.52]	16/2		2.5	3	0.112 [28]	0.144 [36]	0.180 [45]	0.220 [55]	0.264 [66]	0.312 [78]	0.364 [91]	0.420 [105]	0.480 [119]	—	—	—	—	—
(-)CFZ2421M	600/1200 [283/566]	5.70 [0.52]	16/2	21	1.5	2	0.112 [28]	0.144 [36]	0.180 [45]	0.220 [55]	0.264 [66]	0.312 [78]	0.364 [91]	0.420 [105]	—	—	—	—	—	
(-)CFZ2421H	600/1200 [283/566]	8.55 [0.79]	16/2				0.062 [15]	0.086 [21]	0.112 [28]	0.140 [35]	0.170 [42]	0.202 [50]	0.236 [59]	0.272 [68]	0.309 [77]	0.349 [87]	0.391 [97]	0.434 [108]	—	—
(-)CFZ2421H*	600/1600 [283/755]	7.60 [0.70]	13/3				0.043 [11]	0.053 [13]	0.066 [16]	0.080 [20]	0.096 [24]	0.115 [29]	0.135 [34]	0.158 [39]	0.182 [45]	0.208 [52]	0.237 [59]	0.267 [66]	—	—
(-)CFZ3621S	600/1400 [283/661]	5.70 [0.52]	16/2		2.5		0.112 [28]	0.144 [36]	0.180 [45]	0.220 [55]	0.264 [66]	0.312 [78]	0.364 [91]	0.420 [105]	0.480 [119]	—	—	—	—	—
(-)CFZ3621M	600/1900 [283/897]	8.55 [0.79]	16/2				0.039 [10]	0.056 [14]	0.075 [19]	0.095 [24]	0.117 [29]	0.141 [35]	0.166 [41]	0.193 [48]	0.222 [55]	0.252 [63]	0.284 [71]	0.318 [79]	0.353 [88]	0.391 [97]
(-)CFZ3621M*	600/1900 [283/897]	7.60 [0.70]	13/3				0.043 [11]	0.053 [13]	0.066 [16]	0.080 [20]	0.096 [24]	0.115 [29]	0.135 [34]	0.158 [39]	0.182 [45]	0.208 [52]	0.237 [59]	0.267 [66]	0.299 [75]	0.334 [83]
(-)CFZ4821S/ (-)CFZ4921S	600/1900 [283/897]	8.55 [0.79]	16/2		3.5	4	0.039 [10]	0.056 [14]	0.075 [19]	0.095 [24]	0.117 [29]	0.141 [35]	0.166 [41]	0.193 [48]	0.222 [55]	0.252 [63]	0.284 [71]	0.318 [79]	0.353 [88]	0.391 [97]
(-)CFZ4821S*	600/1900 [283/897]	7.60 [0.70]	13/3				0.043 [11]	0.053 [13]	0.066 [16]	0.080 [20]	0.096 [24]	0.115 [29]	0.135 [34]	0.158 [39]	0.182 [45]	0.208 [52]	0.237 [59]	0.267 [66]	0.299 [75]	0.334 [83]
(-)CFZ6021ST*	600/1900 [283/897]	7.60 [0.70]	13/3		5		0.000 [0]	0.000 [0]	0.016 [4]	0.040 [10]	0.065 [16]	0.089 [22]	0.113 [28]	0.137 [34]	0.162 [40]	0.186 [46]	0.210 [52]	0.234 [58]	0.259 [64]	0.283 [70]
(-)CFZ6021SE*	600/1900 [283/897]	7.60 [0.70]	— 13/3		3	5	0.043 [11]	0.053 [13]	0.066 [16]	0.080 [20]	0.096 [24]	0.115 [29]	0.135 [34]	0.158 [39]	0.182 [45]	0.208 [52]	0.237 [59]	0.267 [66]	0.299 [75]	0.334 [83]
(-)CFZ3624M	600/1900 [283/897]	8.55 [0.79]	16/2	24	2.5	3	0.039 [10]	0.056 [14]	0.075 [19]	0.095 [24]	0.117 [29]	0.141 [35]	0.166 [41]	0.193 [48]	0.222 [55]	0.252 [63]	0.284 [71]	0.318 [79]	0.353 [88]	0.391 [97]
(-)CFZ4824S	600/1900 [283/897]	8.55 [0.79]	16/2		3.5	4	0.039 [10]	0.056 [14]	0.075 [19]	0.095 [24]	0.117 [29]	0.141 [35]	0.166 [41]	0.193 [48]	0.222 [55]	0.252 [63]	0.284 [71]	0.318 [79]	0.353 [88]	0.391 [97]
(-)CFZ4824M	600/1900 [283/897]	9.98 [0.93]	13/3				0.023 [6]	0.038 [10]	0.055 [14]	0.074 [18]	0.095 [24]	0.119 [29]	0.144 [36]	0.171 [42]	0.200 [50]	0.231 [58]	0.264 [66]	0.300 [75]	0.337 [84]	0.376 [94]
(-)CFZ6024S/ (-)CFZ6124S	600/1900 [283/897]	9.98 [0.93]	13/3		5		0.023 [6]	0.038 [10]	0.055 [14]	0.074 [18]	0.095 [24]	0.119 [29]	0.144 [36]	0.171 [42]	0.200 [50]	0.231 [58]	0.264 [66]	0.300 [75]	0.337 [84]	0.376 [94]

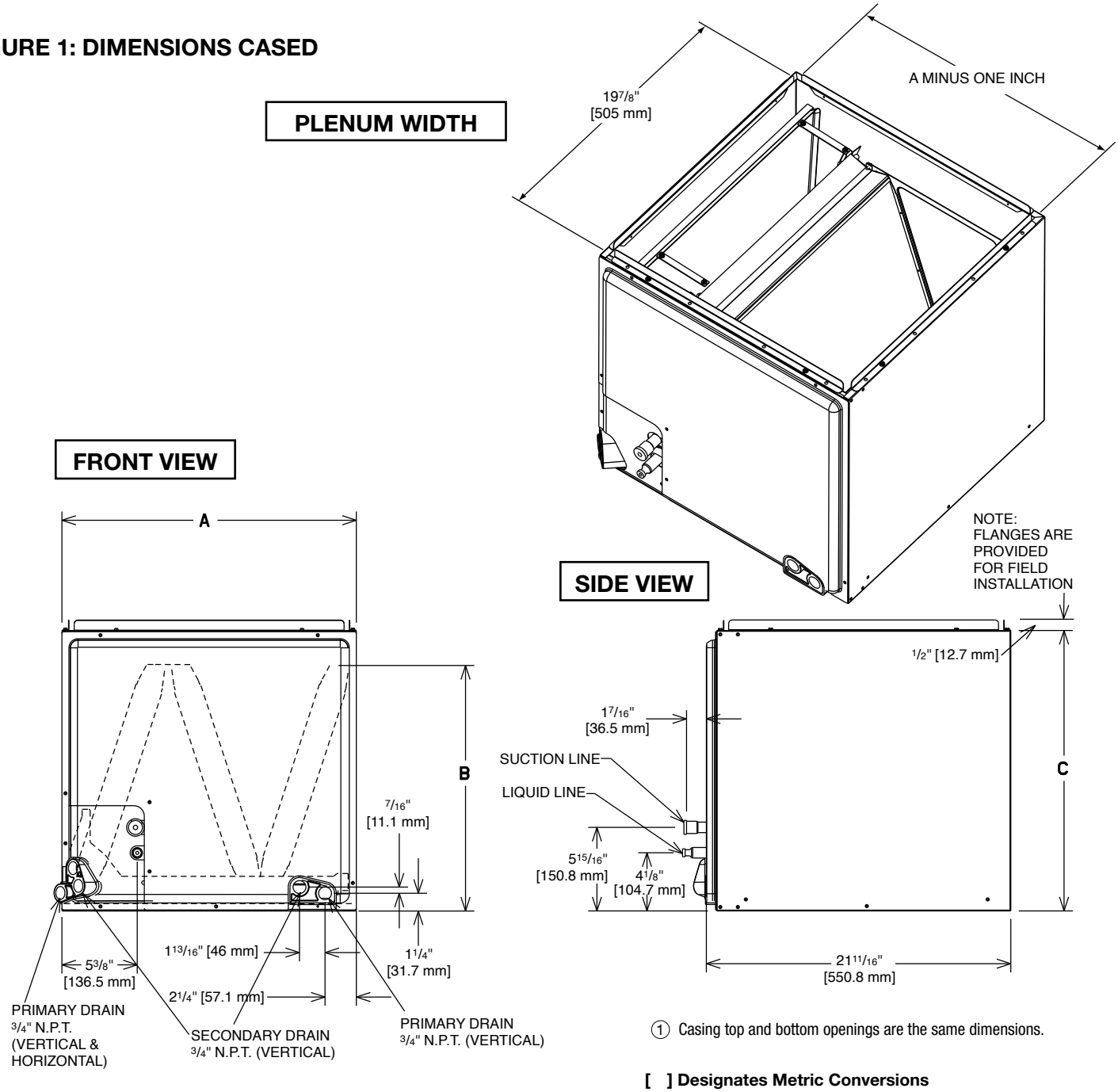
[ ] Designates Metric Conversions

Cased Coil Dimensions and Weights

Coil Model RCF	Connections I.D. Sweat (in.) [mm]		Cased Coil Dimensions (in) [mm]			Weight	
	Liquid	Suction	A	B	C	Coil Weight (lbs.) [Kg.]	Shipping Weight (lbs.) [Kg.]
2414S*	3/8 [9.53]	3/4 [19.05]	14 [356]	20 1/16 [535]	23 3/16 [584]	45 [20]	49 [22]
2417S/2517S	3/8 [9.53]	3/4 [19.05]	17 1/2 [445]	14 1/2 [368]	20 [508]	43 [19]	48 [21]
2417M/3617S/3717S	3/8 [9.53]	3/4 [19.05]	17 1/2 [445]	17 [454]	20 [508]	49 [22]	54 [24]
2421M/3621S	3/8 [9.53]	3/4 [19.05]	21 [533]	17 1/2 [445]	20 [508]	51 [23]	57 [25]
2421H/3621M/4821S/4921S	3/8 [9.53]	7/8 [22.23]	21 [533]	25 [657]	28 [711]	71 [32]	78 [35]
3624M/4824S	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	25 [645]	32 [812]	83 [38]	93 [42]
4824M/6024S/6124S	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	30 1/4 [768]	32 [812]	100 [45]	110 [50]
2421H*/3621M*/4821S*/6021S*	3/8 [9.53]	7/8 [22.23]	21 [533]	33 [838]	34 1/2 [876]	76 [34]	86 [37]

* = "A" Coil

FIGURE 1: DIMENSIONS CASED



① Casing top and bottom openings are the same dimensions.

[ ] Designates Metric Conversions

Coil Application

Coils can be matched to heating products as listed in table below.

Coil Model (-)CFZ	Furnace Width (In.) (mm)	
	Oil*	Gas
2414S 2417S/2417M/2517S 3617S/3717S	—	14 [356]
2417S/2417M/2517S 3617S/3717S	17 [431]	17½ [444]
		14 [356]
2421M 2421H/3621S/3621M / 4821S/4921S/6021S	21 [533]	21 [533]
		17½ [444]
3624M 4824S/4824M/6024S 6024H/6124S	24½ [622]	24½ [622]
		21 [533]

*Due to the proximity of the drain pan to the high temperature oil furnace drum, horizontal left application is NOT permitted on all oil furnaces.

Accessories

• PLENUM ADAPTER ACCESSORY RXBA-AE

This plenum adapter accessory is for use with the 24½" wide cased indoor cooling and heat pump coils. This allows a 24½" wide cased coil to be installed on a 28" wide oil furnace. This is a field-installed accessory only.

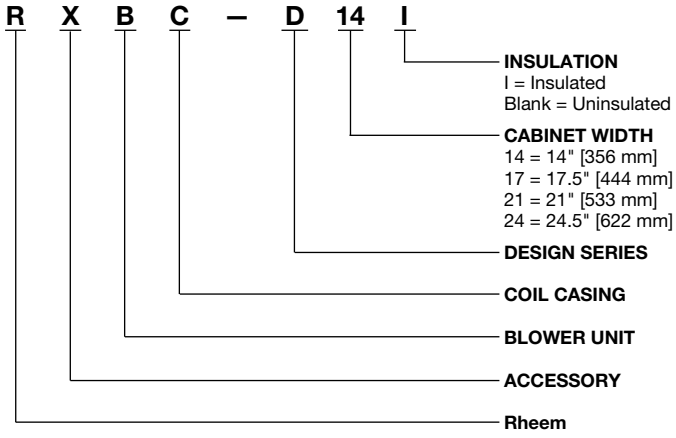
• RXBA-AC (Upflow/Horizontal)

These plenum adapter accessories are for use when a cooling coil is matched with a gas furnace of one smaller size.

• HORIZONTAL ADAPTER KIT RXHH (See Figure 2)

This horizontal adapter kit is used to convert a upflow or downflow coil (*VUA) for a horizontal application. See Table 4 to order the proper horizontal adapter kit.

• INDOOR COIL CASING- RXBC (See Table 5)

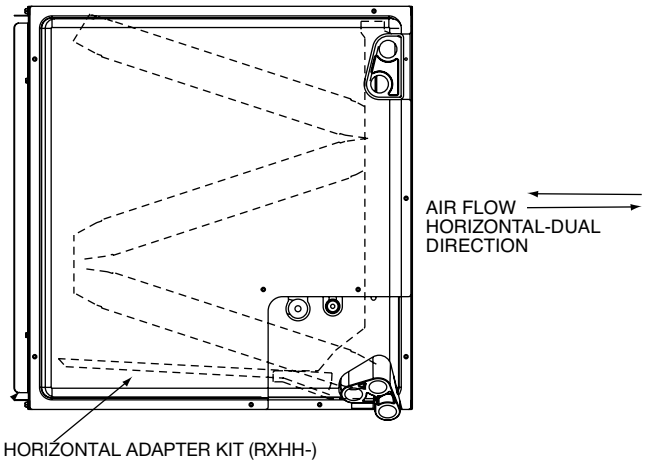


Horizontal Adapter Kit

Coil Model	Horizontal Adapter Kit Model No.
(-)CFZ2414STAAVU	RXHH-A01
(-)CFZ2417MTANVU	RXHH-A03
(-)CFZ2417STANVU	RXHH-A02
(-)CFZ2417STANVU	RXHH-A02
(-)CFZ2517STANVU	RXHH-A02
(-)CFZ2421MEANVU	RXHH-A03
(-)CFZ2421HEANVU	RXHH-A04
(-)CFZ2421HEAAVU	RXHH-A06
(-)CFZ2421MTANVU	RXHH-A03
(-)CFZ3617STANVU	RXHH-A03
(-)CFZ3717STANVU	RXHH-A03
(-)CFZ3621MEANVU	RXHH-A04
(-)CFZ3621MEAAVU	RXHH-A06
(-)CFZ3621MTAAVU	RXHH-A06
(-)CFZ3621MTANVU	RXHH-A04
(-)CFZ3621STANVU	RXHH-A03
(-)CFZ3624MTANVU	RXHH-A04
(-)CFZ4821SEAAVU	RXHH-A06
(-)CFZ4821STAAVU	RXHH-A06
(-)CFZ4821STANVU	RXHH-A04
(-)CFZ4921STANVU	RXHH-A04
(-)CFZ4824MTANVU	RXHH-A05
(-)CFZ4824STANVU	RXHH-A04
(-)CFZ6021STAAVU	RXHH-A06
(-)CFZ6021SEAAVU	RXHH-A06
(-)CFZ6024SEANVU	RXHH-A05
(-)CFZ6024STANVU	RXHH-A05
(-)CFZ6024STANVU	RXHH-A05
(-)CFZ6124STANVU	RXHH-A05

Accessories (Con't.)

FIGURE 2: HORIZONTAL ADAPTER KIT ILLUSTRATION



Unit Dimensions and Weights

RXBC Indoor Coil Casings

Model Number	Width (in.) [mm]	Height (in.) [mm]	Depth (in.) [mm]	Unit Weight		Supply Air/Return Air Openings	
				Weight (lbs.) [Kg.]	Ship. Wt. (lbs.) [Kg.]	Width (in.) [mm]	Depth (in.) [mm]
RXBC-D14AI	14 [356]	23 3/16 [589]	21 5/8 [549]	19 [9]	23 [10]	13 [330]	19 31/32 [508]
RXBC-D17AI	17 1/2 [445]	20 [508]		18 [8]	23 [10]	16 1/2 [419]	
RXBC-D21AI	21 [533]	20 [508]		20 [9]	26 [12]	20 [508]	
RXBC-D21BI	21 [533]	28 [711]		27 [12]	36 [17]	20 [508]	
RXBC-D24AI	24 1/2 [622]	32 1/2 [826]		34 [16]	44 [20]	23 1/2 [597]	

Uncased Coil Adapter Kit

Uncased Coil Adapter Model Number RXBA	A Width (in.) [mm]	Uncased Coil Model RCFP
B14x20	13 1/8 [333]	(-)CFZ2414
B17x20	16 5/8 [422]	(-)CFZ**17
B21x20	20 1/8 [511]	(-)CFZ**21
B24x20	23 5/8 [599]	(-)CFZ**24

• UNCASED COIL ADAPTER KIT
RXBA- (See Figure 3 & 4)
This uncased coil adapter kit is used to adapt the coil to a furnace or ductwork. See Table 6 to order the proper adapter kit. Each kit contains a quantity of 20 adapters.

FIGURE 3: UNCASED COIL ADAPTER KIT ILLUSTRATION

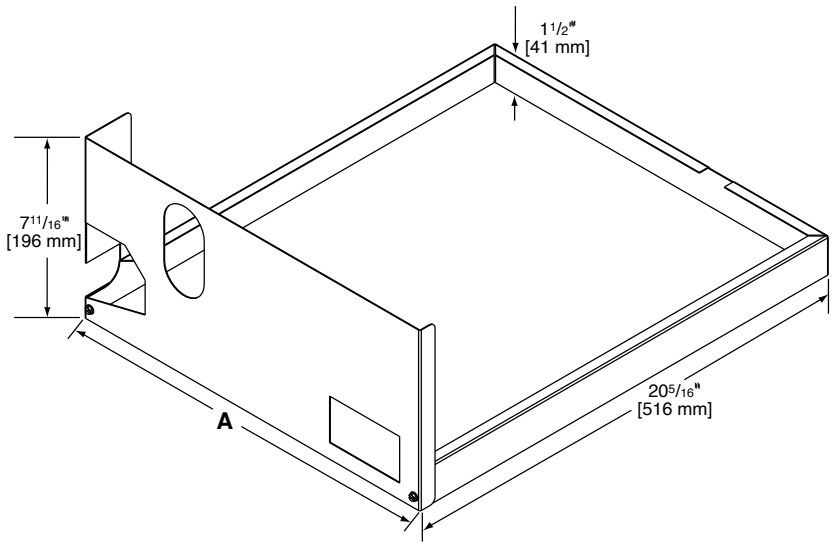
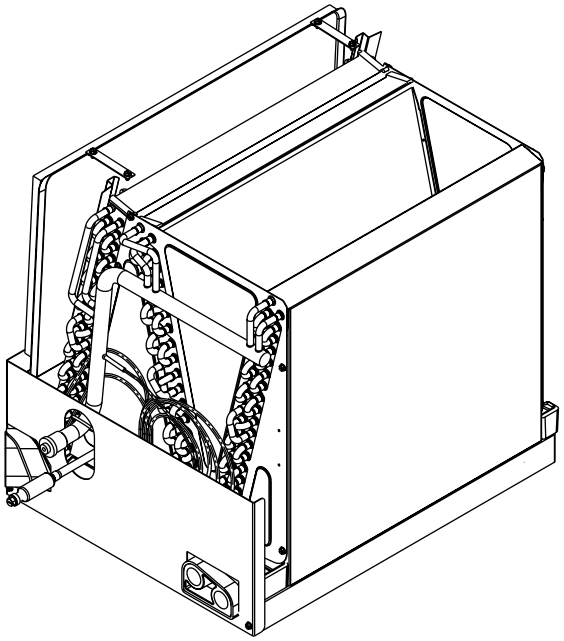


FIGURE 4: UNCASED COIL ADAPTER KIT ASSEMBLED



Note: Sliding the coil into the coil rail before attaching coil rack front.

[ ] Designates Metric Conversions

The new degree of comfort.®

GENERAL TERMS OF LIMITED WARRANTY*

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

***For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.**

Conditional Parts
(Registration Required).....Ten (10) Years

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

Rheem Heating, Cooling & Water Heating • 5600 Old Greenwood Road
Fort Smith, Arkansas 72908 • www.rheem.com

Rheem Canada Ltd./Ltée • 125 Edgeware Road, Unit 1
Brampton, Ontario • L6Y 0P5 • rheem.ca

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ENDEAVOR™

80% AFUE GAS FURNACE GUIDE

Rheem.com/Endeavor

Warmth you can **Count On**

Count on the Rheem® Endeavor™ Line of 80% AFUE (Annual Fuel Utilization Efficiency) Gas Furnaces to deliver dependable comfort and exceptional value. The line's efficient performance and excellent durability work hard to help save you money—and deliver peace of mind.

Rheem®

Comfort, Efficiency and **Industry-first Innovation**

PEACE-OF-MIND **PERFORMANCE**

Relax, you're covered by one of the best warranties in the industry[1]—up to 10 Year Limited Parts + Limited Lifetime Heat Exchanger[2].

QUIET **OPERATION**

Sound levels range from quieter to quiet with insulated cabinets and truly variable speed airflow technology[3]—giving you one of the quietest furnace lines available[4].

HIGH COMFORT

Two-stage[5] (medium, low) or single-stage (low) heating operation[6], along with variable speed motor technology, ensures a steady stream of just-right heated airflow to maintain your comfort level preference while providing superior humidity control.

ENVIRONMENTALLY FRIENDLIER

The ultra low-NOx operation of the R801****U model helps you lower your carbon footprint by minimizing greenhouse gases.

EcoNet®

The Rheem Endeavor Line R802V and R801V operate with the easy-to-use EcoNet® Smart Thermostat, which optimizes system performance and provides a new level of protection and precision comfort **with features like:**

- Communication with latest sensor technology
- Control of your thermostat from anywhere via the EcoNet App[7]
- Alerts sent directly to your phone or email

Simplified Install & Service with Bluetooth Technology

Built-in Bluetooth connectivity[8] makes it faster and easier for your contractor to install and service your new system. This can help lower your costs and help make your home comfortable again—fast.

RELIABLE
TESTED. TRUSTED. TOUGH.
PERFORMANCE

TESTED. TRUSTED. **TOUGH.**

From the smallest part to complete comfort systems, we build quality into everything we make so we can be sure it's tough enough to deliver the ultimate performance you can count on day after day, year after year. That reliability is what makes Rheem different—and better.

360+1

We Thought of Everything… **& Then Some**

We evaluate every detail of a product from top to bottom, inside and out and every angle in between. That's 360+1. And that's why you can count on Rheem Endeavor Gas Furnaces to bring you and your family years of efficient and dependable indoor comfort.

Rheem® Endeavor™ Line

80% AFUE Gas Furnace Series*

*R801V****U will launch in 2023

	Classic Plus®	Classic®		
	R802V	R801V	R801T****U	R801T
Input Rate	50-150 kBTU	50-125 kBTU	50-100 kBTU	50-125 kBTU
Configuration	Upflow / Horizontal	Upflow / Horizontal Downflow	Upflow / Horizontal	Upflow / Horizontal Downflow
Heating Stages	Two-Stage	Single-Stage	Single-Stage	Single-Stage
Motor Type	Constant CFM	Constant CFM	Constant Torque	Constant Torque
Sound Ranking[4]	Quieter	Quiet	Quiet	Quiet
Bluetooth Connectivity[8]	Yes	Yes	No	No
EcoNet® Enabled	Yes	Yes	No	No
PlusOne® Features & More	Direct Spark Ignition for reliability and longevity — Rheem Contractor and EcoNet Apps[7], built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	Direct Spark Ignition for reliability and longevity — Rheem Contractor and EcoNet Apps[7], built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	Industry-first 7-segment LED for quick and easy service — Direct Spark Ignition for reliability and longevity	Industry-first 7-segment LED for quick and easy service — Direct Spark Ignition for reliability and longevity
Ultra Low NOx Option	No	No	Yes	No
Limited Warranty[1]	Parts – 10 years — Heat Exchanger – Limited Lifetime	Conditional Parts – 10 years — Heat Exchanger – 20 Years	Conditional Parts – 10 years (registration required) — Heat Exchanger – 20 Years	Conditional Parts – 10 years (registration required) — Heat Exchanger – 20 Years

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Rheem.com

Nearly 100 Years of Innovation

As the only brand bringing innovative air and water solutions to homes and businesses around the world, Rheem continues to deliver advanced comfort, savings and experiences to our customers—just as we've done for nearly 100 years.

Rheem USA
5600 Old Greenwood Road
Fort Smith, Arkansas 72908

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

[1]*Registration is required for the conditional parts and unit replacement warranty (if applicable). For complete details of the limited and conditional warranties, including applicable terms and conditions, contact your local Contractor or go to Rheem.com for a copy of the product warranty certificate.* [2]*Refer to the chart for specific warranty terms by product.* [3]*Applies to R802V and R801V models.* [4]*Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.* [5]*Applies to R802V model.* [6]*Applies to R801V, R801T****U and R801T models.* [7]*WiFi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.* [8]*Applies to R802V and R801V models.*

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ENDEAVOR™

90%+ AFUE GAS FURNACE GUIDE

Rheem.com/Endeavor

Warm up to **Powerful Performance**

Keep consistently comfortable, even on cold winter nights, with the Rheem® Endeavor™ Line of Furnaces. Offering some of the highest energy efficiencies available, Rheem Endeavor 90% AFUE (Annual Fuel Utilization Efficiency) Gas Furnaces deliver peace-of-mind performance and reliable savings.

Rheem®

Extreme Efficiency Meets **Constant Comfort**

PEACE-OF-MIND **PERFORMANCE**

Relax, you're covered by one of the best warranties in the industry[1]—up to 10 Year Limited Parts + Limited Lifetime Heat Exchanger + Conditional Limited Lifetime Unit Replacement[2].

QUIET **OPERATION**

Sound levels range from quietest to quiet with insulated cabinets and truly variable speed airflow technology[3]—giving you one of the quietest furnace lines available[4].

OPTIMAL COMFORT

Modulating[5] (between 40% and 100% of capacity), two-stage[6] (medium, low) or single-stage (low) heating operation[7], along with variable speed motor technology[3], ensures a steady stream of just-right heated airflow to maintain your comfort level preference while providing superior humidity control.

EcoNet®

The Rheem Endeavor Line R98MV, R97MV, R962V, R951V and R921V operate with the easy-to-use EcoNet Smart Thermostat, which optimizes system performance and provides a new level of protection and precision comfort **with features like:**

- Communication with latest sensor technology
- Control of your thermostat from anywhere via the EcoNet App[8]
- Alerts sent directly to your phone or email

Helping You Live Both **Comfortably** and **Sustainably**

Many Rheem products have sustainability features, but the R98MV, R97MV, R962V, R951V and R921V models have earned our Sustainability Standout Seal, indicating that they are among the best of the best. We created the Seal to help you more easily find the products that save energy, save money and save the planet.

Among Furnaces, **These Are Stars**

Earning ENERGY STAR® recognition means products meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and all of the Rheem Endeavor 90% AFUE Gas Furnaces are ENERGY STAR® or U.S. South ENERGY STAR® certified, offering annual energy cost savings[9].

Simplified Install & Service with Bluetooth Technology

Built-in Bluetooth connectivity[10] makes it faster and easier for your contractor to install and service your new system. This can help lower your costs and help make your home comfortable again—fast.

TESTED. TRUSTED. **TOUGH.**

From the smallest part to complete comfort systems, we build quality into everything we make so we can be sure it's tough enough to deliver the ultimate performance you can count on day after day, year after year. That reliability is what makes Rheem different—and better.

We Thought of Everything… **& Then Some**

We evaluate every detail of a product from top to bottom, inside and out and every angle in between. That's 360+1. And that's why you can count on Rheem Endeavor 90% AFUE Gas Furnaces to bring you and your family years of efficient and dependable indoor comfort.

Rheem® Endeavor™ Line

90%+ AFUE Gas Furnace Series*

*R951V****U will launch in 2023

	Prestige®		Classic Plus®	Classic®			
	R98MV	**R97MV**	**R962V**	**R951V**	**R921V**	**R951T**	**R921T**
Input Rate	60-115 kBTU	60-115 kBTU	40-115 kBTU	40-115 kBTU	40-115 kBTU	40-115 kBTU	40-115 kBTU
Configuration	Upflow	Downflow / Horizontal	4-Way Multi-Position	4-Way Multi-Position	4-Way Multi-Position	4-Way Multi-Position	4-Way Multi-Position
Heating Stages	Modulating	Modulating	Two-Stage	Single-Stage	Single-Stage	Single-Stage	Single-Stage
Motor Type	Constant CFM	Constant CFM	Constant CFM	Constant CFM	Constant CFM	Constant Torque	Constant Torque
Sound Ranking[4]	Quietest	Quietest	Quieter	Quieter	Quieter	Quiet	Quiet
Energy Efficiency	98% AFUE	97% AFUE	96% AFUE	95% AFUE	92% AFUE	95% AFUE	92% AFUE
ENERGY STAR® Certified[9]	Yes	Yes	Yes	Yes	Yes — U.S. South	Yes	Yes — U.S. South
Bluetooth Connectivity[10]	No	No	Yes	Yes	Yes	No	No
EcoNet® Enabled	Yes	Yes	Yes	Yes	Yes	No	No
PlusOne® Features & More	Industry-first 7-segment LED & EcoNet enabled diagnostics for quick and easy service — Direct Spark Ignition for reliability and longevity — Water Management System that shuts unit off if a blocked drain is detected	Industry-first 7-segment LED & EcoNet enabled diagnostics for quick and easy service — Direct Spark Ignition for reliability and longevity — Water Management System that shuts unit off if a blocked drain is detected	Direct Spark Ignition for reliability and longevity — Water Management System that shuts unit off if a blocked drain is detected — Rheem Contractor and EcoNet Apps[8], built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	Direct Spark Ignition for reliability and longevity — Water Management System that shuts unit off if a blocked drain is detected — Rheem Contractor and EcoNet Apps[8], built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	Direct Spark Ignition for reliability and longevity — Water Management System that shuts unit off if a blocked drain is detected — Rheem Contractor and EcoNet Apps[8], built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	Industry-first 7-segment LED for quick and easy service — Direct Spark Ignition for reliability and longevity — Water Management System that shuts unit off if a blocked drain is detected	Industry-first 7-segment LED for quick and easy service — Direct Spark Ignition for reliability and longevity — Water Management System that shuts unit off if a blocked drain is detected
Sustainability Standout	Yes	Yes	Yes	Yes	Yes	No	No
Limited Warranty[1]	Parts – 10 Years — Heat Exchanger – Limited Lifetime — Conditional Unit Replacement – Limited Lifetime (registration required)	Parts – 10 Years — Heat Exchanger – Limited Lifetime — Conditional Unit Replacement – Limited Lifetime (registration required)	Parts – 10 Years — Heat Exchanger – Limited Lifetime — Conditional Unit Replacement – 10 Years (registration required)	Conditional Parts – 10 Years (registration required) — Heat Exchanger – Limited Lifetime	Conditional Parts – 10 Years (registration required) — Heat Exchanger – Limited Lifetime	Conditional Parts – 10 Years (registration required) — Heat Exchanger – Limited Lifetime	Conditional Parts – 10 Years (registration required) — Heat Exchanger – Limited Lifetime

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Brampton, Ontario L6Y 0P5

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The new degree of comfort.®

Endeavor™ Line *Classic*® Series Gas Furnaces

R801T

80% A.F.U.E.†
Heating Stages: Single Stage
Motor Type: Constant Torque
Input Rates: 50-125 kBTU [14.6-36.6 kW]
Configuration Options: Upflow/Horizontal

ISO 9001:2015 c UL us LISTED AHRI CERTIFIED www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

Table of Contents

Features and Benefits

- **PlusOne® Diagnostics:** Industry-first, 7-segment LED for quick & easy service
- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **Low Profile, 34-inch Cabinet:** Makes our furnaces ideal for space-constrained installations
- **Hemmed Cabinet & Door Edges and Quarter-Turn Door Fasteners (Upflow/Horizontal only):** Allows for safe, tool-less access and serviceability
- **Removable Heat Exchanger:** Improves serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability

Gas Furnaces

R	80	1	T	050	3	A	14	UH	S	N	A	S
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	80 - 80% AFUE	1 - Single-Stage	T - Constant Torque	050 - 50K BTUH [14.7 kW] 075 - 75K BTUH [22.0 kW] 100 - 100K BTUH [29.3 kW] 125 - 125K BTUH [36.6 kW]	3 - 3 ton drive 4 - 4 ton drive 5 - 5 ton drive	A - 1st Design Series	14 - 14" Width 17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width	UH - Upflow Horizontal	S - Standard N - Low NOx	N - Non-Comm.	A - 1st Series	S - Standard Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R801T0503A14UHSNAS
R801T0754A17UHSNAS
R801T0754A21UHSNAS
R801T1005A21UHSNAS
R801T1255A24UHSNAS
R801T0503A14UHNNAS
R801T0754A17UHNNAS
R801T0754A21UHNNAS
R801T1005A21UHNNAS
R801T1255A24UHNNAS

STANDARD EQUIPMENT
Limit controls
Manual shut-off valve
100% safety lock out
Cool fan off delay
Field selectable heat fan off delay
One hour automatic retry
Power and self test diagnostics
Flame sense current diagnostics
Electronic air cleaner connections
Twinning (built-in) features
Humidifier connections
Low speed continuous fan option
Single speed option for heating and cooling applications
Transformer
Direct drive motor
Multi-speed constant torque blower motor
Solid bottom

WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications—Upflow Models

MODEL NUMBERS R801T **Constant Tq-UH Series**	**R801T0503A14UH*NAS**	**R801T0754A17UH*NAS**	**R801T0754A21UH*NAS**	**R801T1005A21UH*NAS**	**R801T1255A24UH*NAS**
Input-BTU/Hr [kW]	50,000 [15]	75,000 [22]	75,000 [22]	100,000 [29]	125,000 [37]
Heating Capacity BTU/Hr [kW] ®	40,000 [12]	60,000 [18]	60,000 [18]	80,000 [23]	100,000 [29]
Heat Ext. Static Pressure [kPa]	.18 [.05]	.20 [.05]	.20 [.05]	.28 [.07]	.28 [.07]
Blower (D x W) [mm]	11 x 6 [279 x 152]	11 x 7 [279 x 178]	11 x 7 [279 x 178]	11 x 10 [279 x 254]	11 x 10 [279 x 254]
Motor H.P. [W] Type	1/2 [373] 5 Spd Constant Torque	1/2 [373] 5 Spd Constant Torque	3/4 [560] 5 Spd Constant Torque	3/4 [560] 5 Spd Constant Torque	3/4 [560] 5 Spd Constant Torque
Min. Circuit Ampacity	8	8	9	10	11
Min. Overload Protection Device	15	15	15	15	15
Max. Overload Protection Device	15	15	15	15	15
Heating Speed	Med	Med	Med-High	Med	Med-High
Cooling Speed	High	High	High	High	High
Cooling CFM @ Rating Point [L/s]	1305 [616]	1402 [662]	1608 [759]	1840 [868]	1934 [913]
Max. E.S.P. (In. W.C.) [kPa]	0.9 [.22]	0.9 [.22]	0.9 [.22]	0.9 [.22]	0.9 [.22]
Temperature Rise Range °F [°C]	25-55 [13.9-30.6]	25-55 [13.9-30.6]	25-55 [13.9-30.6]	40-70 [22-39]	35-65 [19.4-36.1]
Max. Outlet Air Temp. °F [°C]	155 [68.3]	155 [68.3]	160 [71.1]	180 [82.2]	165 [73.8]
Approx. Shipping Weight (Lbs.) [kg]	110 [50]	125 [57]	140 [64]	140 [64]	150 [68]
AFUE ©	80.00%	80.00%	80.00%	80.00%	80.00%

NOTES: All models are 115V, 60HZ, 1 Ph. Gas connection size for all models is 1/2" [12 mm] N.P.T.
© In accordance with D.O.E. test procedures.
® See Conversion Kit Index Form for high altitude derate.
*S=Standard, N=Low NOx

This furnace does not meet air district requirements of 14 ng/J NOx emissions limit. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions

Upflow Application

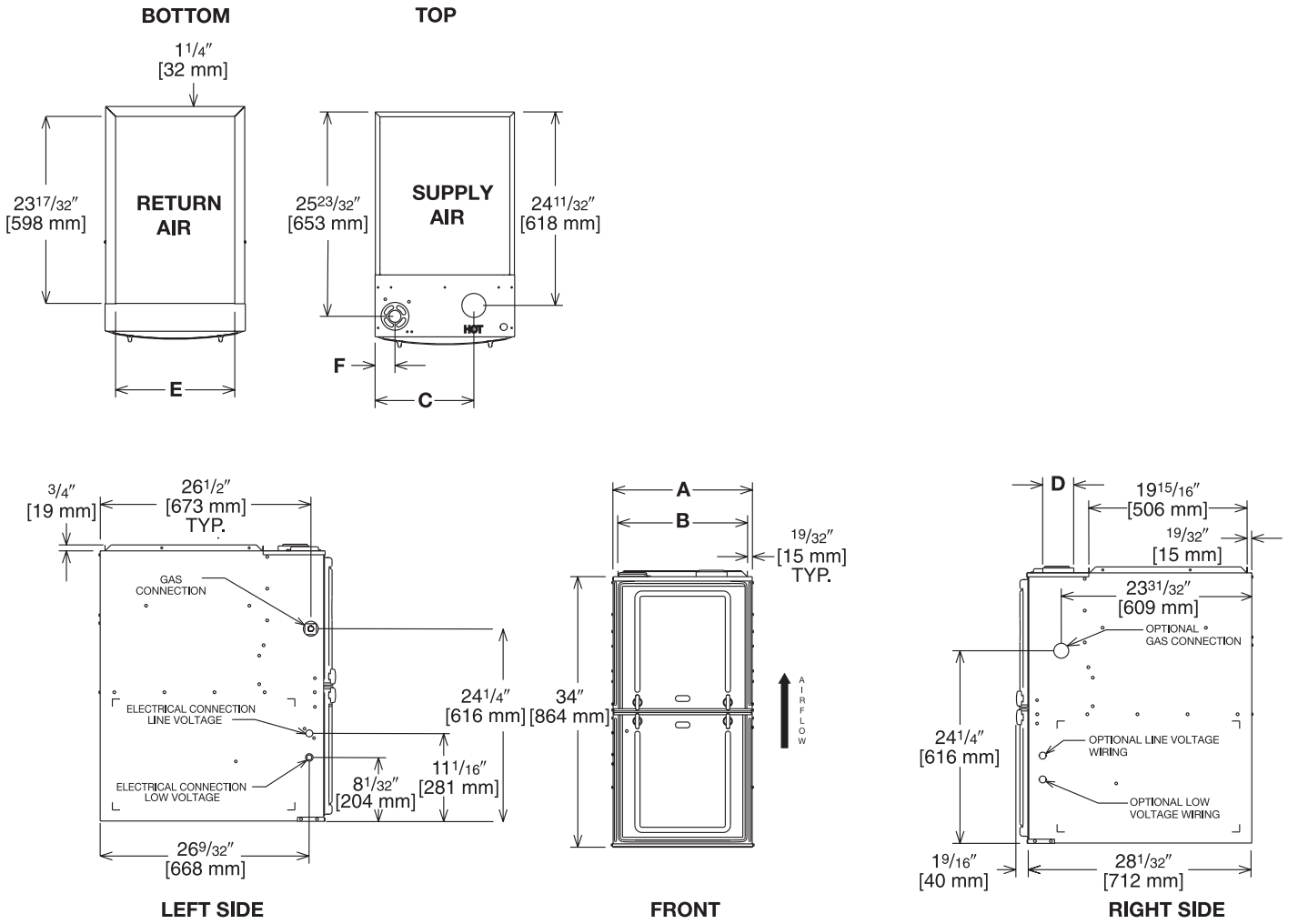


Illustration
ST-A1220-04-00
FIGURE 1

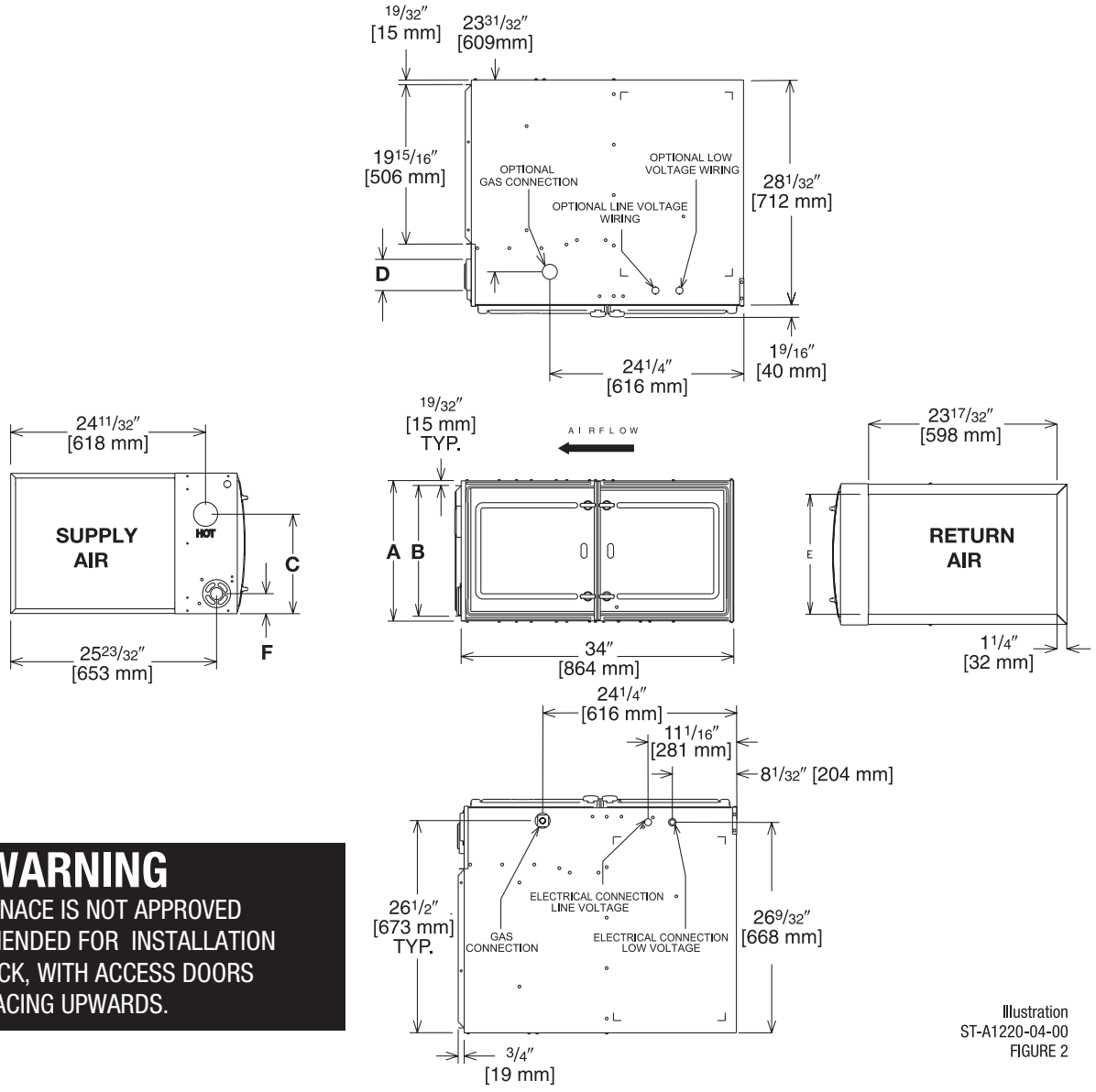
Dimensional Data: Upflow Model

MODEL R801T-	A	B	C	D	E	F	MINIMUM CLEARANCE (IN.) [mm]						SHIP WGTS. (LBS.) [kg]
							LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	
050	14 [356]	12 27/32 [326]	10 5/8 [270]	①	11 1/2 [292]	1 7/8 [48]	0	4 [102] ②	0	1 [25]	3 [76]	6 [152] ③	110 [50]
075417	17 1/2 [445]	16 11/32 [415]	12 3/8 [314]	①	15 [381]	2 1/2 [64]	0	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	125 [57]
075421/100	21 [533]	19 27/32 [504]	14 1/8 [359]	①	18 1/2 [470]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [64]
125	24 1/2 [622]	23 11/32 [593]	15 7/8 [403]	①	22 [559]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	150 [68]

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.
② May be 0" [0 mm] with type B vent.
③ May be 1" [25 mm] with type B vent.
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

Horizontal Application



WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED FOR INSTALLATION
ON ITS BACK, WITH ACCESS DOORS
FACING UPWARDS.

Illustration
ST-A1220-04-00
FIGURE 2

Dimensional Data: Horizontal Model

MODEL R801T	A	B	C	D	E	F	MINIMUM CLEARANCE (IN.) [mm]						SHIP WGTS. (LBS.) [kg]
							SUPPLY AIR SIDE	RETURN AIR SIDE	BACK	TOP	FRONT	VENT	
050	14 [356]	1227/32 [326]	105/8 [270]	①	111/2 [292]	17/8 [48]	4 [102] ②	4 [102] ②	0	1 [25]	3 [76]	6 [152] ③	110 [50]
075417	171/2 [445]	1611/32 [415]	123/8 [314]	①	15 [381]	21/2 [64]	3 [76] ②	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	125 [57]
075421/100	21 [533]	1927/32 [504]	141/8 [359]	①	181/2 [470]	21/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [64]
125	241/2 [622]	2311/32 [593]	157/8 [403]	①	22 [559]	21/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	150 [68]

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.
② May be 0" [0 mm] with type B vent.
③ May be 1" [25 mm] with type B vent.
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

Blower Performance Data

AIR FLOW PERFORMANCE - 80% SINGLE STAGE UPFLOW/HORIZONTAL CONSTANT TORQUE											
INPUT [BTU] CABINET WIDTH [IN]	AIRFLOW CONTROL SETTINGS	SPEED TAP/ WIRE COLORS	CFM AIR DELIVERY EXTERNAL STATIC PRESSURE INCHES WATER COLUMN									
			0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
50K 14"	Factory Setting Fan	Low/Red	915	777	674	598	541	498	460	419	370	304
	Cool	Medium Low/Yellow	963	894	834	781	733	689	646	602	555	504
	Heat or Heat/Cool	Medium/Purple	997	976	947	911	870	825	779	732	687	646
	Cool	Medium High/Blue	1123	1130	1121	1101	1071	1036	997	957	920	888
	Factory Setting Cooling	High/Black	1246	1244	1232	1211	1185	1154	1121	1087	1054	1024
75K 17"	Factory Setting Fan	Low/Red	967	916	865	814	763	712	661	610	558	505
	Cool	Medium Low/Yellow	1206	1147	1087	1027	966	905	843	783	722	662
	Cool	Medium/Purple	1301	1260	1214	1164	1111	1058	1005	955	910	870
	Heat or Heat/Cool	Medium High/Blue	1413	1369	1324	1277	1229	1181	1130	1079	1026	972
	Factory Setting Cooling	High/Black	1590	15568	1530	1486	1437	1387	1342	1303	1276	1265
75K 21"	Factory Setting Fan	Low/Red	1216	1174	1132	1088	1043	998	952	905	858	811
	Cool	Medium Low/Yellow	1314	1271	1229	1188	1147	1105	1063	1019	974	926
	Heat or Heat/Cool	Medium/Purple	1400	1356	1315	1276	1239	1200	1161	1120	1076	1027
	Cool	Medium High/Blue	1605	1576	1544	1509	1473	1436	1400	1365	1333	1303
	Factory Setting Cooling	High/Black	1686	1659	1628	1595	1559	1524	1489	1455	1426	1400
100K 21"	Factory Setting Fan	Low/Red	1304	1233	1162	1091	1018	944	869	793	716	637
	Cool	Medium Low/Yellow	1406	1348	1289	1229	1168	1106	1044	982	920	859
	Heat or Heat/Cool	Medium/Purple	1520	1465	1409	1353	1296	1239	1183	1128	1073	1019
	Cool	Medium High/Blue	1709	1658	1607	1557	1507	1457	1407	1358	1308	1260
	Factory Setting Cooling	High/Black	1807	1758	1710	1663	1616	1569	1522	1475	1428	1380
125K 24"	Factory Setting Fan	Low/Red	1295	1216	1138	1061	986	914	844	778	715	657
	Cool	Medium Low/Yellow	1649	1598	1548	1499	1449	1400	1351	1302	1252	1201
	Cool	Medium/Purple	1796	1746	1698	1652	1606	1561	1515	1469	1422	1374
	Heat or Heat/Cool	Medium High/Blue	1878	1828	1781	1735	1691	1647	1604	1560	1516	1470
	Factory Setting Cooling	High/Black	1943	1893	1846	1801	1757	1714	1673	1631	1589	1547

BOTTOM RETURN FILTER RACK FOR UPFLOW APPLICATION: RXGF-CB

SIDE RETURN FILTER RACK: RXGF-CD

FILTER RACK FILTER SIZES* INCHES [mm]		
MODEL	**RXGF-CB (UPFLOW/ HORIZONTAL)**	**RXGF-CD (UPFLOW) SIDE RETURN**
R801TA050	12 1/4 x 25 [311 x 635]	15 3/4 x 25 [400 x 635]
R801TA075417	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]
R801TA075421/ R801TA100	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]
R801TA125	22 3/4 x 25 [578 x 635]	15 3/4 x 25 [400 x 635]

4" FLUE ADAPTER: RXGW-C01

Indoor Coil Casings

MODEL NUMBER
RXBC-D14AI
RXBC-D17AI
RXBC-D21AI
RXBC-D21BI
RXBC-D24AI

WARNING: IMPORTANT NOTICE

A SOLID METAL BASE PLATE (SEE TABLE) MUST BE IN PLACE WHEN THE FURNACE IS INSTALLED WITH SIDE AIR RETURN DUCTS. FAILURE TO INSTALL A BASE PLATE COULD CAUSE PRODUCTS OF COMBUSTION TO BE CIRCULATED INTO THE LIVING SPACE AND CREATE POTENTIALLY HAZARDOUS CONDITIONS.

FURNACE WIDTH IN. [mm]	SOLID BOTTOM KIT NO.	BASE PLATE NO.	BASE PLATE SIZE IN. [mm]
14 [356]	RXGB-D14	AE-61874-01	11 5/8 x 23 9/16 [295 x 598]
17 1/2 [445]	RXGB-D17	AE-61874-02	15 1/8 x 23 9/16 [384 x 598]
21 [533]	RXGB-D21	AE-61874-03	18 5/8 x 23 9/16 [473 x 598]
24 1/2 [622]	RXGB-D24	AE-61874-04	25 5/8 x 23 9/16 [651 x 598]

For High Altitudes

OPTION CODE FOR HIGH ALTITUDE: U.S.
None required for high altitudes.

HIGH ALTITUDE CONVERSION KITS: U.S.
None required for high altitudes.

80+ HIGH ALTITUDE INSTRUCTIONS
CAUTION: Always follow National Fuel Gas Code (NFGC) guidelines when converting for high altitudes.

High altitude option codes are not required for these models. However, the burner orifice size needs to be recalculated and verified at elevations above 2000 ft. See Installation Instructions for more information.

[ ] Designates Metric Conversions

The new degree of comfort.®

Endeavor™ Line *Classic*® Series Gas Furnaces

R801T Ultra Low NOx

80% A.F.U.E.†
Heating Stages: Single Stage
Motor Type: Constant Torque
Input Rates: 50-100 kBTU [14.7-29.3 kW]
Configuration Options: Upflow/Horizontal

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

Table of Contents

Features and Benefits

- **Ultra Low Greenhouse Gas Emissions:** Certified unit meets 14ng/j NOx emission standard – reducing NOx emissions by 65%
- **PlusOne® Diagnostics:** 7 Segment LED all units
- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **Low profile, 34-inch Cabinet:** Makes our furnaces ideal for space-constrained installations
- **Hemmed Cabinet & Door Edges and Quarter-Turn Door Fasteners:** Allows for safe, tool-less access and serviceability
- **Removable Heat Exchanger:** Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability
- **Blower Shelf Design:** Ensures serviceability in all furnace orientations
- **Cabinet Air Leakage** less than 2%: at 1 inch H_2O when tested in accordance with ASHRAE Standard 193

Gas Furnaces

R	80	1	T	050	3	A	17	UH	U	N	A	P
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	80 - 80% AFUE	1 - Single Stage	T - Constant Torque	050 - 50K BTUH [14.7 kW] 070 - 70K BTUH [20.5 kW] 100 - 100K BTUH [29.3 kW]	3 - 3 ton drive 4 - 4 ton drive 5 - 5 ton drive	A - 1st Design Series	17 - 17.5" Width 21 - 21" Width	UH - Upflow Horizontal	U -Ultra Low NOx	N - Non-Comm.	A - 1st Series	P - Premium Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R801T0503A17UHUNAP
R801T0504A17UHUNAP
R801T0703A17UHUNAP
R801T0704A17UHUNAP
R801T1004A21UHUNAP
R801T1005A21UHUNAP

STANDARD EQUIPMENT
Limit controls
Manual shut-off valve
100% safety lock out
Cool fan off delay
Field selectable heat fan off delay
One hour automatic retry
Power and self test diagnostics
Flame sense current diagnostics
Electronic air cleaner connections
Twinning (built-in) features
Humidifier connections
Low speed continuous fan option
Single speed option for heating and cooling applications
Transformer
Direct drive motor
Multi-speed constant torque blower motor
Solid bottom

WARNING
THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications—Upflow Models

MODEL NUMBERS R801T SERIES	R801T0503 A17UHUNAP	R801T0504 A17UHUNAP	R801T0703 A17UHUNAP	R801T0704 A17UHUNAP	R801T1004 A21UHUNAP	R801T1005 A21UHUNAP
Input-BTU/Hr [kW] ②	50,000 [14.6]	50,000 [14.6]	70,000 [20.5]	70,000 [20.5]	100,000 [29]	100,000 [29]
Heating Capacity BTU/Hr [kW] ①	40,000 [11.7]	40,000 [11.7]	56,000 [16.4]	56,000 [16.4]	80,000 [23.4]	80,000 [23.4]
Heat Ext. Static Pressure [kPa]	.18 [.05]	.18 [.05]	.20 [.05]	.20 [.05]	.28 [.07]	.28 [.07]
Blower (D x W) [mm]	11 x 6 [279 x 152]	11 x 6 [279 x 152]	11 x 7 [279 x 178]	11 x 7 [279 x 178]	11 x 10 [279 x 254]	11 x 10 [279 x 254]
Motor H.P.–Speed– Type [W]	1/2-5 Spd Constant Torque [373]	3/4-5 Spd Constant Torque [560]	1/2-5 Spd Constant Torque [373]	3/4-5 Spd Constant Torque [560]	3/4-5 Spd Constant Torque [560]	1-5 Spd Constant Torque [746]
Min. Circuit Ampacity	10	11	9	12	13	16
Min. Overload Protection Device	15	15	15	15	15	20
Max. Overload Protection Device	15	15	15	15	15	25
Heating Speed	Low	Low	Med	Med	Med	Med
Cooling Speed	Med-High	High	High	High	High	High
Cooling CFM @ Rating Point [L/s]	1139 [538]	1431 [675]	1135 [536]	1602 [756]	1714 [809]	1979 [934]
Max. E.S.P. (In. W.C.) [kPa]	0.9 [.22]	0.9 [.22]	0.9 [.22]	0.9 [.22]	0.9 [.22]	0.9 [.22]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	35-65 [19.4-36.1]	35-65 [19.4-36.1]	35-65 [19.4-36.1]	35-65 [19.4-36.1]	35-65 [19.4-36.1]
Max. Outlet Air Temp. °F [°C]	180 [82.2]	180 [82.2]	180 [82.2]	180 [82.2]	180 [82.2]	180 [82.2]
Approx. Shipping Weight (Lbs.) [kg]	125 [57]	125 [57]	125 [57]	125 [57]	140 [64]	140 [64]
AFUE ①	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%

NOTES: All models are 115V, 60HZ, 1 Ph. Gas connection size for all models is 1/2" [12 mm] N.P.T.
① In accordance with D.O.E. test procedures.
② See Conversion Kit Index Form for high altitude derate.

This furnace is to be installed for natural gas only in air districts requiring 14 ng/J NOx emission limits.

[ ] Designates Metric Conversions

Upflow Dimensions

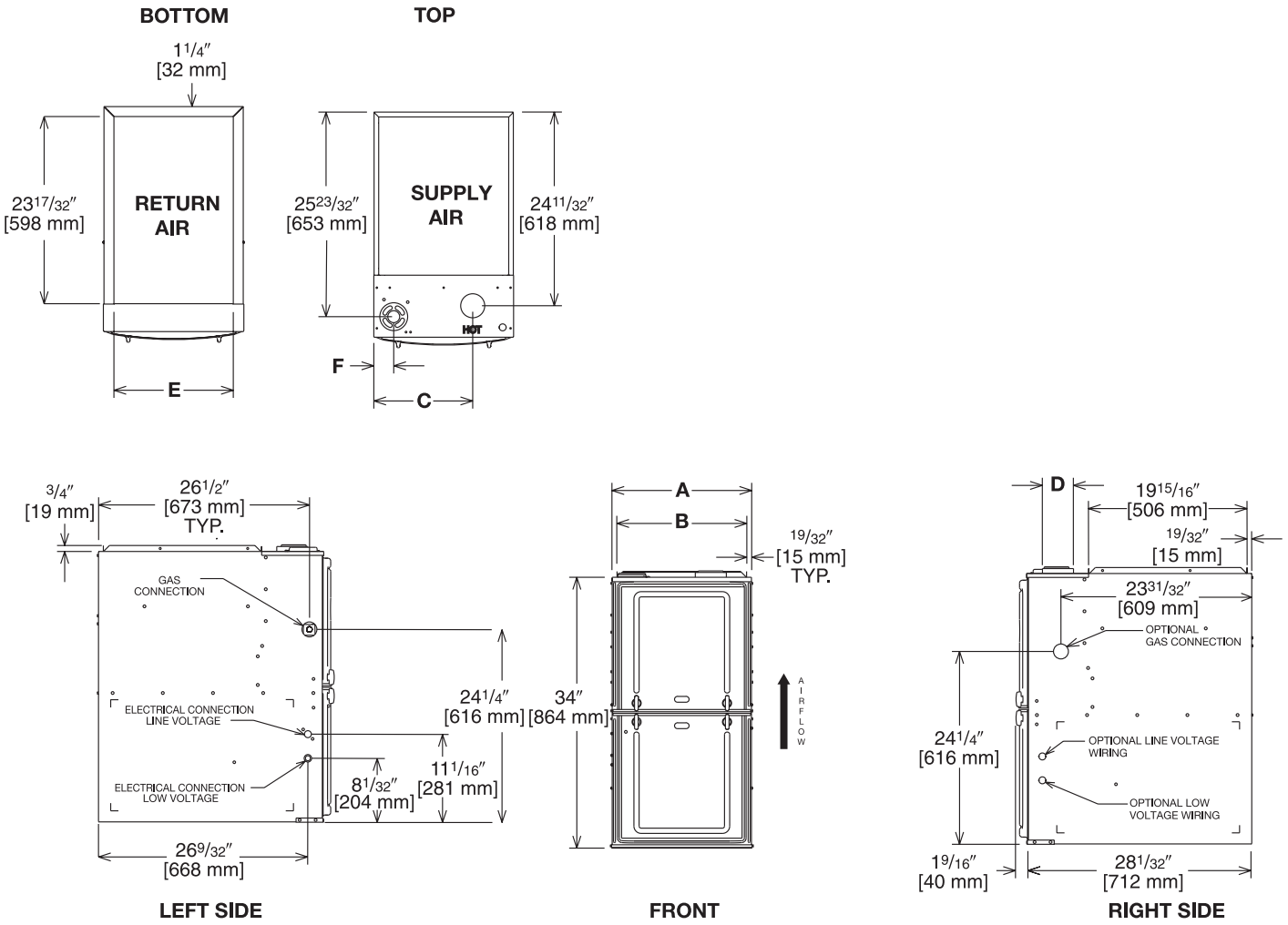


Illustration
ST-A1220-04-00
FIGURE 1

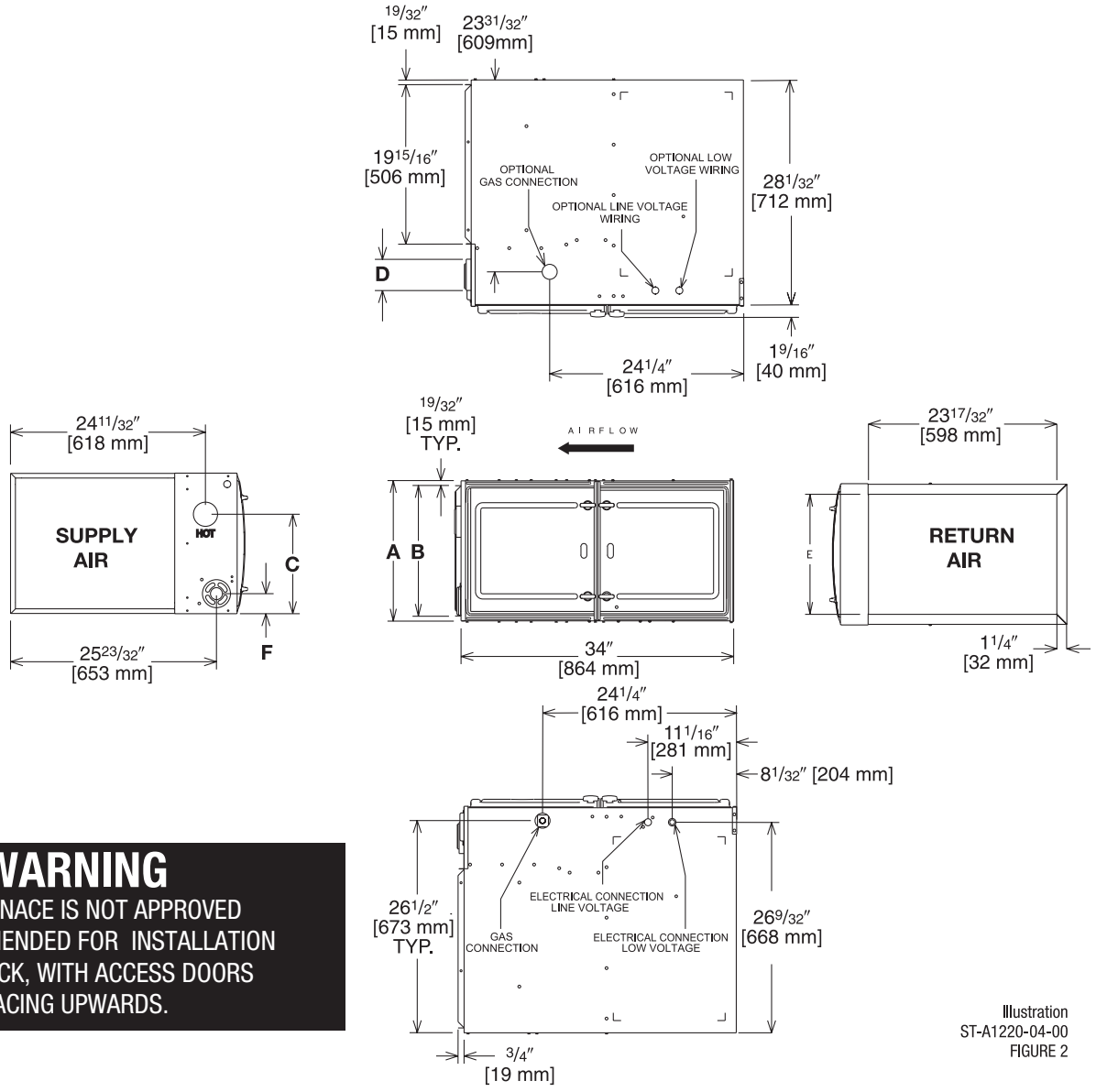
Dimensional Data: Upflow Model

MODEL R801T-	A	B	C	D	E	F	MINIMUM CLEARANCE (IN.) [mm]						SHIP WGTS. (LBS.) [kg]
							LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	
050/070	17 1/2 [445]	16 11/32 [415]	12 3/8 [314]	①	15 [381]	2 1/2 [64]	0	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	125 [57]
100	21 [533]	19 27/32 [504]	14 1/8 [359]	①	18 1/2 [470]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [64]

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.
② May be 0" [0 mm] with type B vent.
③ May be 1" [25 mm] with type B vent.
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

Horizontal Application



WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED FOR INSTALLATION
ON ITS BACK, WITH ACCESS DOORS
FACING UPWARDS.

Illustration
ST-A1220-04-00
FIGURE 2

Dimensional Data: Horizontal Model

MODEL R801T-	A	B	C	D	E	F	MINIMUM CLEARANCE (IN.) [mm]						SHIP WGTS. (LBS.) [kg]
							SUPPLY AIR SIDE	RETURN AIR SIDE	BACK	TOP	FRONT	VENT	
050/070	171/2 [445]	1611/32 [415]	123/8 [314]	①	15 [381]	21/2 [64]	3 [76] ②	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	125 [57]
100	21 [533]	1927/32 [504]	141/8 [359]	①	181/2 [470]	21/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [64]

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.
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③ May be 1" [25 mm] with type B vent.
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[ ] Designates Metric Conversions

Blower Performance Data

AIR FLOW PERFORMANCE - (-)801T SERIES MODELS												
MODEL INPUT	**MOTOR H.P. [W] BLOWER SIZE IN [mm]**	**AIRFLOW CONTROL SETTINGS**	**MOTOR SPEED**	**CFM AIR DELIVERY EXTERNAL STATIC PRESSURE " OF W.C. [kPa]**								
				0.1 [.02]	**0.2 [.05]**	**0.3 [.07]**	**0.4 [.10]**	**0.5 [.12]**	**0.6 [.15]**	**0.7 [.17]**	**0.8 [.20]**	**0.9 [.22]**
17" CAB 3 Ton/50K	1/2 [373] 11 X 6 [279 X 152]	Factory Heat	Low	783	709	664	610	559	509	473	438	392
		Factory Fan	Med-Low	987	942	902	866	833	793	755	713	675
		Option Cool 2.5 Tons	Med	1126	1096	1064	1030	996	966	934	897	869
		Factory Cool 3 Tons	Med-High	1305	1276	1252	1221	1195	1164	1139	1110	1084
		Option Cool 3.5 Tons	High	1410	1377	1353	1327	1310	1284	1259	1233	1210
17" CAB 4 Ton/50K	3/4 [559] 11 X 6 [279 X 152]	Factory Fan	Low	779	708	659	612	557	511	470	438	395
		Option Cool 2 Tons	Med-Low	982	949	906	869	832	794	756	716	680
		Factory Heat	Med	1116	1086	1057	1020	992	961	930	896	870
		Option Cool 3 Tons	Med-High	1301	1274	1244	1216	1191	1165	1137	1111	1086
		Factory Cool 4 Tons	High	1583	1555	1527	1504	1481	1453	1431	1405	1386
17" CAB 3 Ton/70K	1/2 [373] 11 X 7 [279 X 177]	Factory Fan	Low	892	834	783	729	674	623	568	518	472
		Option Cool 2 Tons	Med-Low	1047	1004	958	909	860	814	764	721	682
		Factory Heat	Med	1141	1097	1059	1016	971	929	884	844	803
		Factory Cool 3 Tons	Med-High	1357	1316	1283	1243	1204	1169	1135	1091	1055
		Option Cool 3.5 Tons	High	1493	1462	1424	1390	1358	1327	1291	1262	1229
17" CAB 4 Ton/70K	3/4 [559] 11 X 7 [279 X 178]	Factory Fan	Low	889	841	784	730	671	620	510	510	460
		Option Cool 2 Tons	Med-Low	1046	1002	949	904	852	811	762	723	679
		Factory Heat	Med	1141	1097	1059	1016	971	929	884	844	803
		Option Cool 3 Tons	Med-High	1363	1327	1288	1255	1210	1175	1135	1097	1068
		Factory Cool 4 Tons	High	1785	1745	1714	1688	1661	1627	1602	1569	1551
21" CAB 5 Ton/100K	3/4 [559] 11 X 10 [279 X 254]	Factory Fan	Low	1098	1064	1017	975	922	861	806	767	698
		Option Cool 3.5 Tons	Med-Low	1373	1331	1297	1267	1228	1182	1131	1076	1023
		Factory Heat	Med	1499	1474	1443	1419	1389	1353	1310	1272	1226
		Option Cool 4 Tons	Med-High	1668	1644	1612	1595	1570	1536	1509	1466	1427
		Factory Cool 5 Tons	High	1870	1849	1815	1785	1771	1736	1714	1681	1607
21" CAB 5 Ton/100K	1[746] 11 X 10 [279 X 254]	Factory Fan	Low	838	773	700	623	561	485	408	331	267
		Option Cool 3.5 Tons	Med-Low	1451	1414	1380	1344	1311	1277	1230	1181	1132
		Factory Heat	Med	1529	1488	1461	1421	1393	1355	1314	1279	1232
		Option Cool 4 Tons	Med-High	1602	1569	1529	1501	1470	1439	1404	1367	1318
		Factory Cool 5 Tons	High	2124	2098	2074	2047	2024	1996	1979	1943	1905

[ ] Designates Metric Conversions

BOTTOM RETURN FILTER RACK FOR UPFLOW APPLICATION: RXGF-CB

SIDE RETURN FILTER RACK: RXGF-CD

FILTER RACK FILTER SIZES* INCHES [mm]		
MODEL	**RXGF-CB (UPFLOW/ HORIZONTAL)**	**RXGF-CD (UPFLOW) SIDE RETURN**
R801TA050/ R801TA070	12 1/4 x 25 [311 x 635]	15 3/4 x 25 [400 x 635]
R801TA100	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]

4" FLUE ADAPTER: RXGW-C01

Indoor Coil Casings

MODEL NUMBER
RXBC-D17AI
RXBC-D21AI
RXBC-D21BI

WARNING: IMPORTANT NOTICE

A SOLID METAL BASE PLATE (SEE TABLE) MUST BE IN PLACE WHEN THE FURNACE IS INSTALLED WITH SIDE AIR RETURN DUCTS. FAILURE TO INSTALL A BASE PLATE COULD CAUSE PRODUCTS OF COMBUSTION TO BE CIRCULATED INTO THE LIVING SPACE AND CREATE POTENTIALLY HAZARDOUS CONDITIONS.

FURNACE WIDTH IN. [mm]	SOLID BOTTOM KIT NO.	BASE PLATE NO.	BASE PLATE SIZE IN. [mm]
17 1/2 [445]	RXGB-D17	AE-61874-02	15 1/8 x 23 9/16 [384 x 598]
21 [533]	RXGB-D21	AE-61874-03	18 5/8 x 23 9/16 [473 x 598]

For High Altitudes:

HIGH ALTITUDE OPTION CODE: U.S.
None required for high altitudes.

HIGH ALTITUDE CONVERSION KITS: U.S.
None required for high altitudes.

80+ HIGH ALTITUDE INSTRUCTIONS

CAUTION: Always follow National Fuel Gas Code (NFGC) guidelines when converting for high altitudes.

High altitude option codes are not required for these models. However, the burner orifice size needs to be recalculated and verified at elevations above 2000 ft. See Installation Instructions for more information.

[ ] Designates Metric Conversions

The new degree of comfort.®

Endeavor™ Line *Classic*® Series Gas Furnaces

R801T

80% A.F.U.E.† Heating Stages: Single Stage
Motor Type: Constant Torque
Input Rates: 50-125 kBTU [14.6-36.6 kW]
Configuration Options: Downflow

ISO 9001:2015

AHRI CERTIFIED www.ahridirectory.org Unitary Small AC AHRI Standard 210/240

c UL us LISTED

Table of Contents

Features and Benefits

- **PlusOne® Diagnostics:** Industry-first, 7-segment LED for quick & easy service
- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **Low Profile, 34-inch Cabinet:** Makes our furnaces ideal for space-constrained installations
- **Hemmed Cabinet & Door Edges and Quarter-turn Door Fasteners (Upflow/Horizontal only):** Allows for safe, tool-less access and serviceability
- **Removable Heat Exchanger:** Improves serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability
- **Blower Shelf Design:** Ensures serviceability in all furnace orientations

Gas Furnaces

R	80	1	T	050	3	A	14	DZ	S	N	A	S
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	80 - 80% AFUE	1 - Single-Stage	T - Constant Torque	050 - 50K BTUH [14.65 kW] 070 - 70K BTUH [20.51 kW] 075 - 75k BTUH [21.00 kW] 100 - 100K BTUH [29.30 kW] 125 - 125K BTUH [36.63 kW]	3 - 3 ton drive 4 - 4 ton drive 5 - 5 ton drive	A - 1st Design Series	14 - 14" Width 17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width	DZ - Downflow Zero Clearance	S - Standard L - Low NOx	N - Non-Comm.	A - 1st Series	S - Standard Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R801T0503A14DZSNAS
R801T0754A17DZSNAS
R801T0755A21DZSNAS
R801T1005A21DZSNAS
R801T1255A24DZSNAS
R801T0503A14DZNNAS
R801T0753A17DZNNAS
R801T0755A21DZNNAS
R801T1005A21DZNNAS
R801T1255A24DZNNAS

STANDARD FEATURES
Induced draft motor
Pressure switch
Redundant main gas control
Blower compartment door safety switch
Solid statetime on/off blower control
Limit controls
Manual shut-off valve
100% safety lock out
Cool fan off delay
Field selectable heat fan off delay
One hour automatic retry
Power and self test diagnostics
Flame sense current diagnostics
Electronic air cleaner connections
Humidifier connections
Low speed continuous fan option
Single speed option for heating and cooling applications
Transformer
Direct drive motor
Multi-speed constant torque blower motor

WARNING
THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications—Downflow Models

MODEL NUMBERS R801T Constant Tq-Dflow Series	**R801T0503A14DZ*NAS**	**R801T0754A17DZ*NAS**	**R801T0755A21DZ*NAS**	**R801T1005A21DZ*NAS**	**R801T1255A24DZ*NAS**
Input-BTU/Hr [kW]	50,000 [15]	75,000 [22]	75,000 [22]	100,000 [29]	125,000 [37]
Heating Capacity BTU/Hr [kW] ®	40,000 [12]	60,000 [18]	60,000 [18]	80,000 [23]	100,000 [29]
Heat Ext. Static Pressure [kPa]	.18 [.05]	.20 [.05]	.20 [.05]	.28 [.07]	.28 [.07]
Blower (D x W) [mm]	11 x 6 [279 x 152]	11 x 7 [279 x 178]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 10 [279 x 254]
Motor H.P. [W] Type	1/2 [373] 5 Spd Constant Torque	1/2 [373] 5 Spd Constant Torque	1 [746] 5 Spd Constant Torque	1 [746] 5 Spd Constant Torque	1 [746] 5 Spd Constant Torque
Min. Circuit Ampacity	9	11	11	12	15
Min. Overload Protection Device	15	15	15	15	20
Max. Overload Protection Device	15	15	20	20	25
Heating Speed	Med	Med-Low	Med	Med-High	Med-High
Cooling Speed	High	High	High	High	High
Cooling in CFM [L/s] @ 0.5"wc [0.12 kPa] E.S.P.	1301 [614]	1200 [566]	2000 [944]	2000 [944]	2000 [944]
Max. E.S.P. (In. W.C.) [kPa]	0.9 [.22]	0.9 [.22]	0.9 [.22]	0.9 [.22]	0.9 [.22]
Temperature Rise Range °F [°C]	25-55 [13.9-30.6]	35-65 [19.4-36.1]	25-55 [13.9-30.6]	30-60 [16.6-33.3]	35-65 [19.4-36.1]
Max. Outlet Air Temp. °F [°C]	155 [68.3]	190 [87.8]	165 [73.8]	190 [87.8]	185 [85.0]
Approx. Shipping Weight (Lbs.) [kg]	85 [36.6]	105 [48]	120 [54]	120 [54]	140 [64]
AFUE ©	80.00%	80.00%	80.00%	80.00%	80.00%

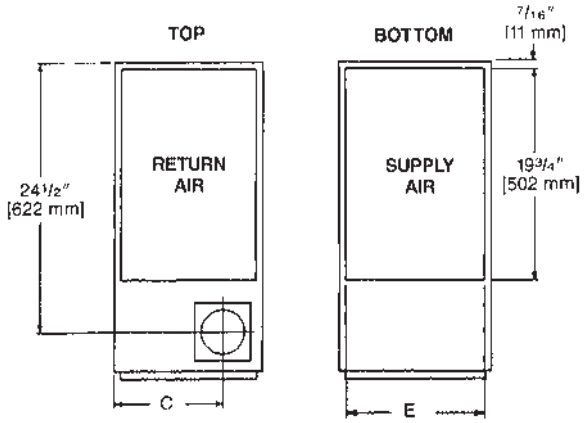
NOTES: All models are 115V, 60HZ, 1 Ph. Gas connection size for all models is 1/2" [12 mm] N.P.T.
© In accordance with D.O.E. test procedures.
® See Conversion Kit Index Form for high altitude derate.
*S=Standard, N=Low NOx

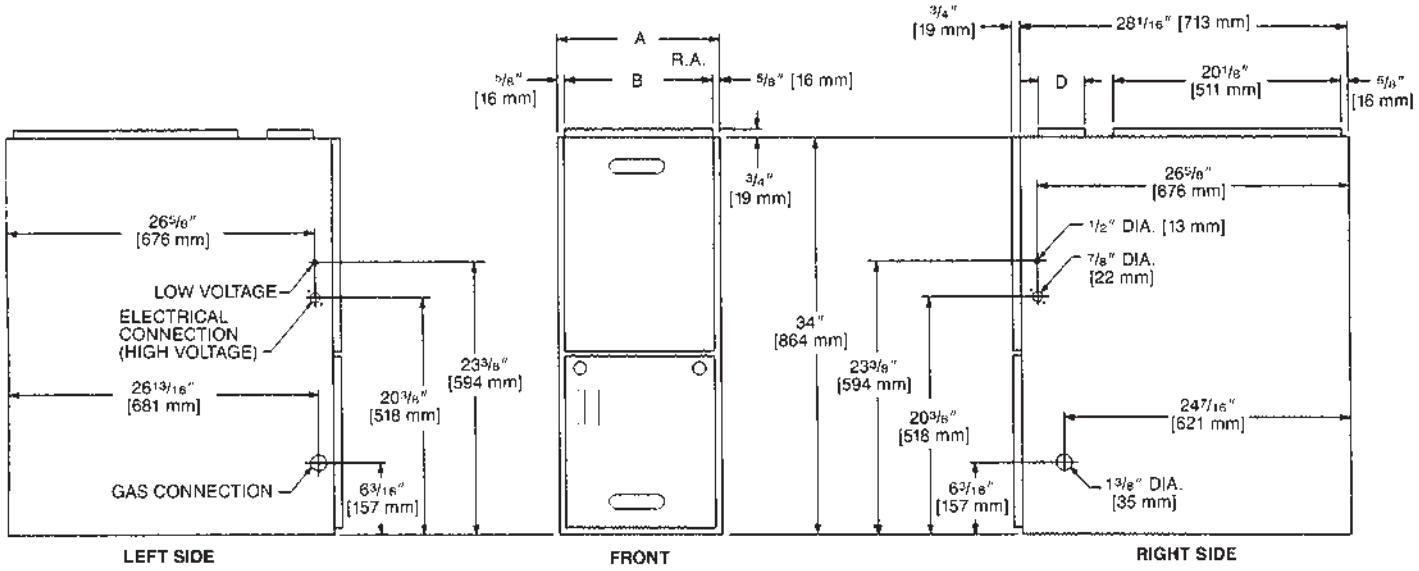
This furnace does not meet air district requirements of 14 ng/J NOx emissions limit. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions

Downflow Dimensions





Dimensional Data—Downflow Models

MODEL R801T DZ SERIES	A	B	C	D	E	REDUCED CLEARANCES (IN.) [mm]						
						LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	SHIP. WGTS. (LBS.) [kg]
050	14 [356]	12 27/32 [326]	10 3/8 [264]	①	13 1/8 [333]	0	4 ②	0	1 [25]	3 [76]	6 [152]	85 [38.6]
075317	17 1/2 [445]	16 11/32 [415]	12 1/8 [308]	①	16 5/8 [422]	0	3 ②	0	1 [25]	3 [76]	6 [152]	105 [47.6]
075417	21 [533]	19 27/32 [504]	13 7/8 [352]	①	20 1/8 [511]	0	0	0	1 [25]	3 [76]	6 [152] ③	120 [54.4]
100	21 [533]	19 27/32 [504]	13 7/8 [352]	①	20 1/8 [511]	0	0	0	1 [25]	3 [76]	6 [152] ③	120 [54.4]
125	24 1/2 [622]	23 11/32 [593]	15 5/8 [397]	①	23 5/8 [600]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [63.5]

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.
② May be 0" [0 mm] with type B vent.
③ May be 1" [25 mm] with type B vent.
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

Blower Performance Data—Downflow Models

AIR FLOW PERFORMANCE - 80% SINGLE STAGE DOWNFLOW CONSTANT TORQUE											
INPUT (BTU) CABINET WIDTH (IN)	**AIRFLOW CONTROL SETTINGS**	**SPEED TAP/ WIRE COLORS**	**CFM [L/S] AIR DELIVERY EXTERNAL STATIC PRESSURE INCHES WATER COLUMN [KPA]**									
			0.1 [0.02]	**0.2 [0.05]**	**0.3 [0.07]**	**0.4 [.10]**	**0.5 [0.12]**	**0.6 [0.15]**	**0.7 [0.17]**	**0.8 [.19]**	**0.9 [.22]**	**1.0 [.25]**
50k 14"	FACTORY SETTING FAN	LOW/RED	909	747	618	517	439	377	326	280	234	183
	COOL	MEDIUM LOW/ YELLOW	982	899	828	766	712	664	620	577	534	490
	HEAT OR HEAT/COOL	MEDIUM/ PURPLE	1027	993	958	921	882	843	802	762	721	680
	COOL	MEDIUM HIGH/ BLUE	1172	1130	1093	1060	1030	1001	972	941	907	869
	FACTORY SETTING COOLING	HIGH/BLACK	1296	1262	1232	1204	1177	1150	1123	1094	1063	1029
75k 17"	FACTORY SETTING FAN	LOW/RED	1018	957	913	866	816	772	720	670	626	588
	HEAT OR HEAT/COOL	MEDIUM LOW/ YELLOW	1146	1111	1059	1012	967	928	889	845	800	755
	COOL	MEDIUM/ PURPLE	1325	1257	1199	1144	1089	1028	975	922	871	813
	COOL	MEDIUM HIGH/ BLUE	1554	1490	1429	1365	1306	1272	1218	1170	1122	1077
	FACTORY SETTING COOLING	HIGH/BLACK	1752	1682	1625	1574	1525	1473	1421	1379	1341	1296
75k 21"	FACTORY SETTING FAN	LOW/RED	1011	987	928	861	796	739	675	604	553	513
	COOL	MEDIUM LOW/ YELLOW	1341	1287	1216	1162	1105	1054	1000	952	899	847
	HEAT OR HEAT/COOL	MEDIUM/ PURPLE	1535	1487	1434	1384	1333	1280	1230	1190	1142	1099
	COOL	MEDIUM HIGH/ BLUE	1689	1644	1596	1559	1499	1454	1414	1370	1331	1280
	FACTORY SETTING COOLING	HIGH/BLACK	1848	1801	1762	1717	1678	1632	1598	1556	1527	1470
100k 21"	FACTORY SETTING FAN	LOW/RED	1123	1035	968	897	838	768	692	618	570	525
	COOL	MEDIUM LOW/ YELLOW	1421	1365	1316	1266	1219	1157	1105	1052	1004	959
	COOL	MEDIUM/ PURPLE	1684	1632	1744	1549	1506	1462	1421	1379	1333	1277
	HEAT OR HEAT/COOL	MEDIUM HIGH/ BLUE	1865	1825	1780	1747	1705	1677	1636	1597	1562	1499
	FACTORY SETTING COOLING	HIGH/BLACK	1997	1955	1916	1875	1841	1803	1769	1730	1700	1646
125k 24"	FACTORY SETTING FAN	LOW/RED	1127	1064	993	931	867	805	749	687	628	578
	COOL	MEDIUM LOW/ YELLOW	1438	1381	1330	1277	1227	1171	1118	1061	1024	976
	COOL	MEDIUM/ PURPLE	1726	1664	1622	1588	1544	1494	1446	1404	1360	1317
	HEAT OR HEAT/COOL	MEDIUM HIGH/ BLUE	1883	1832	1789	1756	1711	1678	1617	1587	1551	1495
	FACTORY SETTING COOLING	HIGH/BLACK	2209	2166	2129	2090	2059	2010	1976	19144	1911	1875

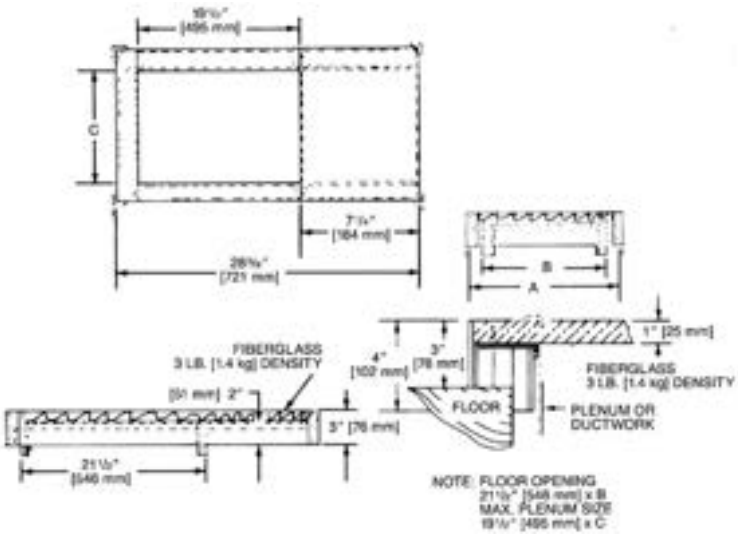
[ ] Designates Metric Conversions

Downflow Accessories

DOWNFLOW WARNING: Unit design is certified for installation on non-combustible floor. A special factory supplied combustible floor sub-base is required when installing on a combustible floor. Failure to install the sub-base may result in fire, property damage and personal injury.

Combustible Floor Base Dimensions

COMBUSTIBLE FLOOR BASE	USE WITH FURNACE SIZES	A IN. [mm]	B IN. [mm]	C IN. [mm]
RXGC-B14	R801C050	14 1/2 [368]	13 1/4 [337]	11 1/4 [286]
RXGC-B17	R801C075317	18 [457]	16 3/4 [425]	14 3/4 [451]
RXGC-B21	R801C100521, R801C075521	21 1/2 [546]	20 1/4 [514]	18 1/4 [464]
RXGC-B24	R801C125	25 [635]	23 3/4 [603]	21 3/4 [552]



[ ] Designates Metric Conversions

RXGF-CC*

FILTER RACK—Downflow top return mount. Requires (2) 14 x 20 Filters.

NOTE: Filter racks are shipped without filters.

*Filters available through PROSTOCK ®.

For High Altitudes:

HIGH ALTITUDE OPTION CODE: U.S. & Canada –
None required for high altitudes.

HIGH ALTITUDE CONVERSION KITS: U.S. & Canada –
None required for high altitudes.

80+ HIGH ALTITUDE INSTRUCTIONS

Caution: Always follow National Fuel Gas Code (NFGC) guidelines when converting for high altitudes.

High altitude option codes are not required for these models. However, the burner orifice size needs to be recalculated and verified at elevations above 2000 ft. See Installation Instructions for more information.

NOTE: For Canadian installations only, an optional derate (manifold gas pressure reduction) method may be used to adjust the furnace for altitude. See Installation Instructions for more information. This optional method may **NOT** be used for U.S. installations.

The new degree of comfort.®

Endeavor™ Line *Classic*® Series Gas Furnaces

EcoNet®

R801V

80% A.F.U.E.†
EcoNet® Enabled
Heating Stages: Single Stage
Motor Type: Constant CFM
Input Rates: 50-125 kBTU [14.65-36.63 kW]
Configuration Options: Upflow/Horizontal

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

Table of Contents

Features and Benefits

- **PlusOne® Diagnostics:** With the Rheem Contractor & EcoNet Apps, built-in EcoNet & Bluetooth technology makes monitoring, troubleshooting and repairing the product easier than ever before
- **Dip Switch Free Installation Commissioning via Bluetooth Technology:** Seamless final install step without DIP switch configuration using the Rheem Contractor App
- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **Constant CFM Motor:** Truly variable speed technology allows for ultimate humidity control, quieter sound levels and year-round energy savings
- **Quieter Operation[1]:** A fully insulated blower cabinet, solid bottom and truly variable speed airflow technology makes this furnace one of the quieter options available
- **EcoNet® Enabled Furnace:** The latest in sensor technology and the EcoNet monitoring system provides a new level of protection, control and energy savings
- **Allows on-the-go control** and receipt of system alerts by the homeowner via the EcoNet Smart Thermostat and Econet App[2]

[1]Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

[2]Wifi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alex and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Gas Furnaces

R	80	1	V	50	3	A	14	UH	S	C	A	P
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input (BTUH)**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	80- 80% AFUE	1 - Single-Stage	V - ECM Variable Speed	050 - 50,000 [14.7 kW] 075 - 75,000 [22.0 kW] 100 - 100,000 [29.3 kW] 125 - 125,000 [36.6 kW]	3 - 3 ton drive 4 - 4 ton drive 5 - 5 ton drive	A - 1st Design Series	14 - 14" Width 17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width	UH - Upflow Horizontal	S - Standard N - Low NOx	C - Communicating, EcoNet®	A - 1st Series	P - Premium Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R801V0503A14UHSCAP
R801V0754A17UHSCAP
R801V0755A21UHSCAP
R801V1005A21UHSCAP
R801V1255A24UHSCAP
R801V0503A14UHNCAP
R801V0754A17UHNCAP
R801V0755A21UHNCAP
R801V1005A21UHNCAP
R801V1255A24UHNCAP

STANDARD EQUIPMENT
Solid statetime on/off blower control
Limit controls
Manual shut-off valve
100% safety lock out
Adjustable cool fan off delay
One hour automatic retry
Power and self test diagnostics
Flame sense current diagnostics
Twinning (built-in) features
Low speed continuous fan option
Single speed heating
Two speed cooling
Transformer
Direct drive motor
PWM controlled constant torque electrically commutated blower motor
Solid bottom

NOTE: A thermostat is not included as standard equipment

WARNING
THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications—Upflow Models

MODEL NUMBERS R801V 1stg VS-CT UP/HZ SERIES	R801V 0503A14UH*CAP	R801V 0754A17UH*CAP	R801V 0755A21UH*CAP	R801V 1005A21UH*CAP	R801V 1255A24UH*CAP
Input-BTU/Hr [kW]	50,000 [15]	75,000 [22]	75,000 [22]	100,000 [29]	125,000 [37]
Heating Capacity BTU/Hr [kW] ®	40,000 [12]	60,000 [18]	60,000 [18]	80,000 [23]	100,000 [29]
Heat Ext. Static Pressure [kPa]	.18 [.05]	.20 [.05]	.20 [.05]	.28 [.07]	.28 [.07]
Blower (D x W) [mm]	11 x 6 [279 x 152]	11 x 7 [279 x 178]	11 x 7 [279 x 178]	11 x 10 [279 x 254]	11 x 10 [279 x 254]
Motor H.P. [W] Type	1/2 [373] VS-CT(ECM)	3/4 [560] VS-CT(ECM)	1 [746] VS-CT(ECM)	3/4 [560] VS-CT(ECM)	3/4 [560] VS-CT(ECM)
Min. Circuit Ampacity	9	13	13	13	13
Min. Overload Protection Device	15	15	15	15	15
Max. Overload Protection Device	15	20	20	20	20
Motor Full Load Amps	5.8	5.8	11.1	8.8	8.8
Heating CFM [L/s]	960 [453]	1450 [684]	1375 [649]	1380 [651]	1900 [897]
MAX Cooling CFM [L/s]	1240 [585]	1650 [779]	1980 [934]	1980 [934]	1980 [934]
MIN Cooling CFM [L/s]	300 [142]	500 [236]	500 [236]	500 [236]	500 [236]
Fan CFM [L/s]	600 [283]	800 [378]	1000 [472]	1000 [472]	1000 [472]
Max. E.S.P. (In. W.C.) [kPa]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]
Temperature Rise Range °F [°C]	25-55 [13.9-30.6]	25-55 [13.9-30.6]	25-55 [13.9-30.6]	35-65 [19.4-36.1]	35-65 [19.4-36.1]
Approx. Shipping Weight (Lbs.) [kg]	110 [50]	125 [57]	140 [64]	140 [64]	150 [68]
AFUE ©	80.0%	80.0%	80.0%	80.0%	80.0%

NOTES: All models are 115V, 60HZ, 1 Ph. Gas connection size for all models is 1/2" [12 mm] N.P.T.
© In accordance with D.O.E. test procedures.
® See Conversion Kit Index Form for high altitude derate.
*S=Standard, N=Low NOx

This furnace does not meet air district requirements of 14 ng/J NOx emissions limit. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions

Upflow Application

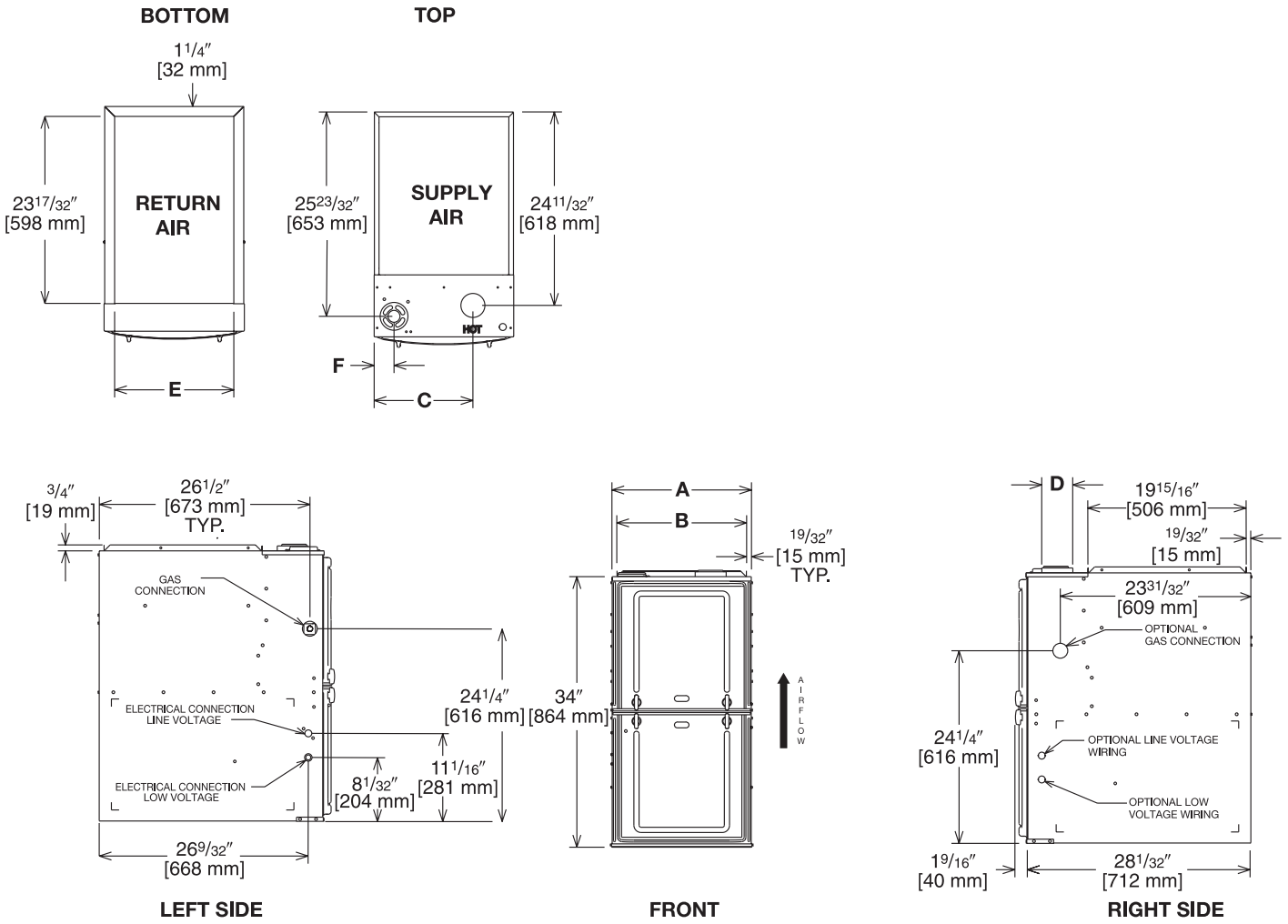


Illustration
ST-A1220-04-00
FIGURE 1

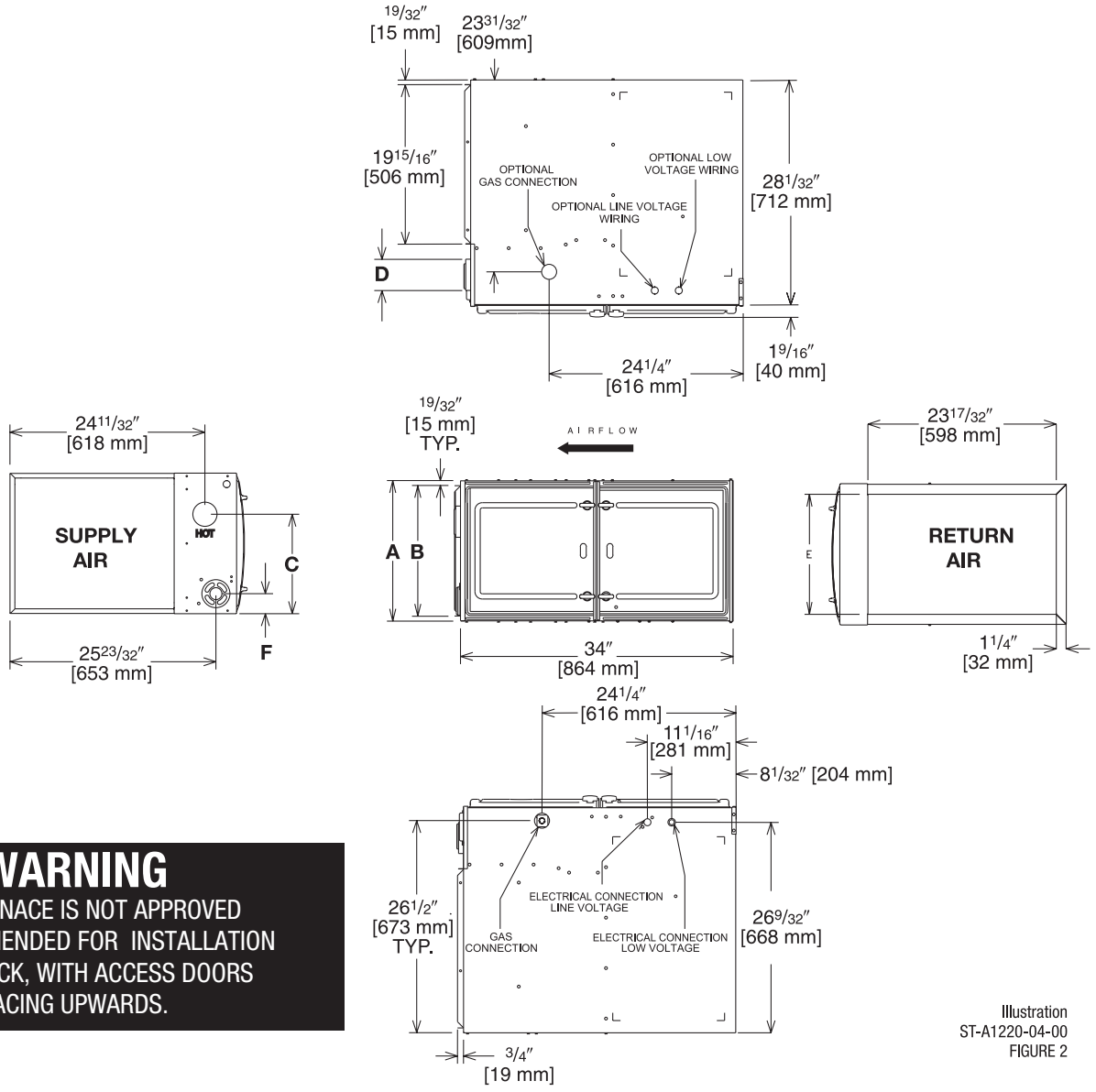
Dimensional Data: Upflow Model

MODEL R801V-	A	B	C	D	E	F	MINIMUM CLEARANCE (IN.) [mm]						SHIP WGTS. (LBS.) [kg]
							LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	
050	14 [356]	12 27/32 [326]	10 5/8 [270]	①	11 1/2 [292]	1 7/8 [48]	0	4 [102] ②	0	1 [25]	3 [76]	6 [152] ③	110 [50]
075417	17 1/2 [445]	16 11/32 [415]	12 3/8 [314]	①	15 [381]	2 1/2 [64]	0	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	125 [57]
075421/100	21 [533]	19 27/32 [504]	14 1/8 [359]	①	18 1/2 [470]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [64]
125	24 1/2 [622]	23 11/32 [593]	15 7/8 [403]	①	22 [559]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	150 [68]

NOTES: ① May require a 3” [76 mm] to 4” [102 mm] or 3” [76 mm] to 5” [127 mm] adapter.
② May be 0” [0 mm] with type B vent.
③ May be 1” [25 mm] with type B vent.
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

Horizontal Application



WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED FOR INSTALLATION
ON ITS BACK, WITH ACCESS DOORS
FACING UPWARDS.

Illustration
ST-A1220-04-00
FIGURE 2

Dimensional Data: Horizontal Model

MODEL R801V-	A	B	C	D	E	F	MINIMUM CLEARANCE (IN.) [mm]						SHIP WGTS. (LBS.) [kg]
							SUPPLY AIR SIDE	RETURN AIR SIDE	BACK	TOP	FRONT	VENT	
050	14 [356]	1227/32 [326]	105/8 [270]	①	111/2 [292]	17/8 [48]	4 [102] ②	4 [102] ②	0	1 [25]	3 [76]	6 [152] ③	110 [50]
075417	171/2 [445]	1611/32 [415]	123/8 [314]	①	15 [381]	21/2 [64]	3 [76] ②	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	125 [57]
075421/ 100	21 [533]	1927/32 [504]	141/8 [359]	①	181/2 [470]	21/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [64]
125	241/2 [622]	2311/32 [593]	157/8 [403]	①	22 [559]	21/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	150 [68]

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.
② May be 0" [0 mm] with type B vent.
③ May be 1" [25 mm] with type B vent.
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

Blower Performance Data

TARGET GAS HEATING AIRFLOWS					
	R801V0503A14UH*CAP	**R801V0754A17UH*CAP**	**R801V0755A21UH*CAP**	**R801V1005A21UH*CAP**	**R801V1255A24UH*CAP**
Factory High Heating CFM [L/s]	960.0 [453]	1450.0 [684]	1425.0 [673]	1380.0 [651]	1900 [897]
High Heat Side Return CFM [L/s]	960.0 [453]	1450.0 [684]	1425.0 [673]	1380.0 [651]	1900 [897]
High Heat Approx. ±7°F CFM	864.0 [408]	1305.0 [616]	1282.5 [605]	1242.0 [586]	1710 [807]
High Heat Approx. ±12°F CFM	796.8 [376]	1203.5 [568]	1182.75 [558]	1145.4 [541]	1577 [744]

[ ] Designates Metric Conversions

BOTTOM RETURN FILTER RACK FOR UPFLOW APPLICATION: RXGF-CB

SIDE RETURN FILTER RACK: RXGF-CD

FILTER RACK FILTER SIZES* INCHES [mm]		
MODEL	**RXGF-CB (UPFLOW/ HORIZONTAL)**	**RXGF-CD (UPFLOW) SIDE RETURN**
R801V050	12 1/4 x 25 [311 x 635]	15 3/4 x 25 [400 x 635]
R801V0754A17	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]
R801V0754A21/ R801V100	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]
R801V125	22 3/4 x 25 [578 x 635]	15 3/4 x 25 [400 x 635]

4" FLUE ADAPTER: RXGW-C01

Indoor Coil Casings

MODEL NUMBER
RXBC-D14AI
RXBC-D17AI
RXBC-D21AI
RXBC-D21BI
RXBC-D24AI

WARNING: IMPORTANT NOTICE

A SOLID METAL BASE PLATE (SEE TABLE) MUST BE IN PLACE WHEN THE FURNACE IS INSTALLED WITH SIDE AIR RETURN DUCTS. FAILURE TO INSTALL A BASE PLATE COULD CAUSE PRODUCTS OF COMBUSTION TO BE CIRCULATED INTO THE LIVING SPACE AND CREATE POTENTIALLY HAZARDOUS CONDITIONS.

FURNACE WIDTH IN. [mm]	SOLID BOTTOM KIT NO.	BASE PLATE NO.	BASE PLATE SIZE IN. [mm]
14 [356]	RXGB-D14	AE-61874-01	11 5/8 x 23 9/16 [295 x 598]
17 1/2 [445]	RXGB-D17	AE-61874-02	15 1/8 x 23 9/16 [384 x 598]
21 [533]	RXGB-D21	AE-61874-03	18 5/8 x 23 9/16 [473 x 598]
24 1/2 [622]	RXGB-D24	AE-61874-04	25 5/8 x 23 9/16 [651 x 598]

For High Altitudes:

OPTION CODE FOR HIGH ALTITUDE: U.S.
None required for high altitudes.

HIGH ALTITUDE CONVERSION KITS: U.S.
None required for high altitudes.

80+ HIGH ALTITUDE INSTRUCTIONS
CAUTION: Always follow National Fuel Gas Code (NFGC) guidelines when converting for high altitudes.

High altitude option codes are not required for these models. However, the burner orifice size needs to be recalculated and verified at elevations above 2000 ft. See Installation Instructions for more information.

[ ] Designates Metric Conversions

THE ECONET® SMART THERMOSTAT

RETST700SYS

BUILT-IN WIFI

4.3″ LCD TOUCH SCREEN

LOCAL WEATHER – Current conditions plus 6-day forecast

5 OPERATING MODES – Heat, Cool, Auto, Emergency Heat and Fan Only

7-DAY PROGRAMMABLE SCHEDULE – Offers comfort without thought

ONE-TOUCH AWAY – Quickly switch to your energy-saving away preferences

VACATION SCHEDULING – Allows you to save while you're away and come home to comfort

STANDBY SCREEN – Displays indoor temperature and current weather

OPERATIONAL FEATURES

AUTOMATIC CHANGEOVER – Transitions between heating and cooling automatically to keep the house comfortable

INTEGRATED WATER CONTROL – Enables easy water heater management

SMOOTH ARRIVAL – Prompts the system to start ahead of schedule to ensure the home is at the desired temperature at the scheduled time

HUMIDITY CONTROL – Supports humidifier accessories or over-cool based dehumidification

DETAILED OPERATING STATUS – View pertinent equipment status information and run times

CONTINUOUS FAN – Offers 5 speeds (Low, Medium Low, Medium, Medium High, High)

SHORT-CYCLE PROTECTION – Avoids damage to equipment from short run cycles

MONITORING & REMOTE CONTROL FEATURES

ACTIVE MONITORING – Alerts to problems that need immediate attention

REMOTE CONTROL – Allows adjusting of comfort and settings from anywhere using a mobile device

SERVICE ALERTS – Sends routine maintenance reminders

AIR FILTER MONITORING – Detects when it's time to replace the air filter

ALARM HISTORY – Displays time-stamped alarm codes with clear descriptions

The new degree of comfort®

Endeavor™ Line *Classic*® Series Gas Furnaces

EcoNet®

R801V Ultra Low NOx

80% A.F.U.E.†
EcoNet® Enabled
Heating Stages: Single Stage
Motor Type: Constant CFM
Input Rates: 50-100 kBTU [14.65-29.3 kW]
Configuration Options: Upflow/Horizontal

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

Table of Contents

Features and Benefits

- **Ultra Low Greenhouse Gas Emissions:** Certified unit meets 14ng/j NOx emission standard – reducing NOx emissions by 65%
- **PlusOne® Diagnostics:** With the Rheem Contractor & EcoNet® Apps, built-in EcoNet® & Bluetooth[1] technology makes monitoring, troubleshooting and repairing the product easier than ever before
- **Dip Switch Free Installation Commissioning via Bluetooth Technology:** Seamless final install step without DIP switch configuration using the Rheem Contractor App
- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **Constant CFM Motor:** Truly variable speed technology allows for ultimate humidity control, quieter sound levels and year-round energy savings
- **Quieter Operation[2]:** A fully insulated blower cabinet, solid bottom and truly variable speed airflow technology makes this furnace one of the quieter options available
- **EcoNet® Enabled Furnace:** The latest in sensor technology and the EcoNet® monitoring system provides a new level of protection, control and energy savings
- **Allows on-the-go control** and receipt of system alerts by the homeowner via the EcoNet® Smart Thermostat and EcoNet® App[3]

[1]The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Rheem® is under license. Other trademarks and trade names are those of their respective owners.

[2]Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

[3]Wifi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet® Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alex and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Gas Furnaces

R	80	1	V	050	4	A	17	UH	U	C	A	P
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input (BTUH)**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	80 - 80% AFUE	1 - Single-Stage	V - ECM Variable Speed	050 - 50,000 [14.7 kW] 070 - 70,000 [20.5 kW] 100 - 100,000 [29.3 kW]	4 - 4 ton drive 5 - 5 ton drive	A - 1st Design Series	17 - 17.5" Width 21 - 21" Width	UH - Upflow Horizontal	U - Ultra Low NOx	C - Communicating, EcoNet®	A - 1st Series	P - Premium Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R801V0504A17UHUCAP
R801V0704A17UHUCAP
R801V1005A21UHUCAP

STANDARD EQUIPMENT
Complete assembly and wiring
Condensate switch connection
Constant CFM variable speed motor
Cool fan off delay
Direct drive
Electronic air cleaner connections
EXV connection
Flame sense current diagnostics
Fully insulated heat exchanger cabinet
Humidifier connections
Limit controls
Low speed continuous fan option
Manual shutoff valve
On demand dehumidification
One-hour automatic retry
Outdoor air temperature connection
Power and self-test diagnostics
Pressure switches
Primary stainless steel heat exchanger
Redundant main gas control
Return air temp sensor connection
Suction pressure/evap. temperature connection
Suction temperature connection
Supply air temperature connection
Transformer
Variable speed 3 phase induced draft motor

NOTE: A thermostat is not included as standard equipment

WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications – Upflow Models

MODEL NUMBERS R801V 1stg VS-CT UP/HZ SERIES	**R801V 0504A17UHUCAP**	**R801V 0704A17UHUCAP**	**R801V 1005A21UHUCAP**
Input-BTU/Hr [kW]	50,000 [15]	70,000 [20.5]	100,000 [29]
Heating Capacity BTU/Hr [kW] ①	40,000 [12]	56,000 [16.4]	80,000 [23]
Heat Ext. Static Pressure [kPa]	.18 [.05]	.20 [.05]	.28 [.07]
Blower (D x W) [mm]	11 x 6 [279 x 152]	11 x 7 [279 x 178]	11 x 10 [279 x 254]
Motor H.P. [W] Type	3/4 [373] VS-CT(ECM)	3/4 [560] VS-CT(ECM)	1 [746] VS-CT(ECM)
Min. Circuit Ampacity	13	13	17
Min. Overload Protection Device	15	15	20
Max. Overload Protection Device	20	20	25
Motor Full Load Amps	8.8	8.8	11.1
Heating CFM [L/s]	735 [334]	1020 [464]	1525 [693]
MAX Cooling CFM [L/s]	1650 [779]	1650 [779]	1980 [934]
MIN Cooling CFM [L/s]	300 [142]	300 [142]	500 [236]
Fan CFM [L/s]	800 [378]	800 [378]	1000 [472]
Max. E.S.P. (In. W.C.) [kPa]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	35-65 [19.4-36.1]	35-65 [19.4-36.1]
Approx. Shipping Weight (Lbs.) [kg]	125 [50]	125 [57]	140 [64]
AFUE ②	80.0%	80.0%	80.0%

NOTES: All models are 115V, 60HZ, 1 Ph. Gas connection size for all models is 1/2" [12 mm] N.P.T.

① This model does not require any component changes at elevations 0-5,500 ft. above sea level. At elevations higher than 2,000 ft. these models do require a 2% de-rate for every 1,000 ft. of elevation above sea level.

② In accordance with D.O.E test procedures.

[ ] Designates Metric Conversions

Upflow Application

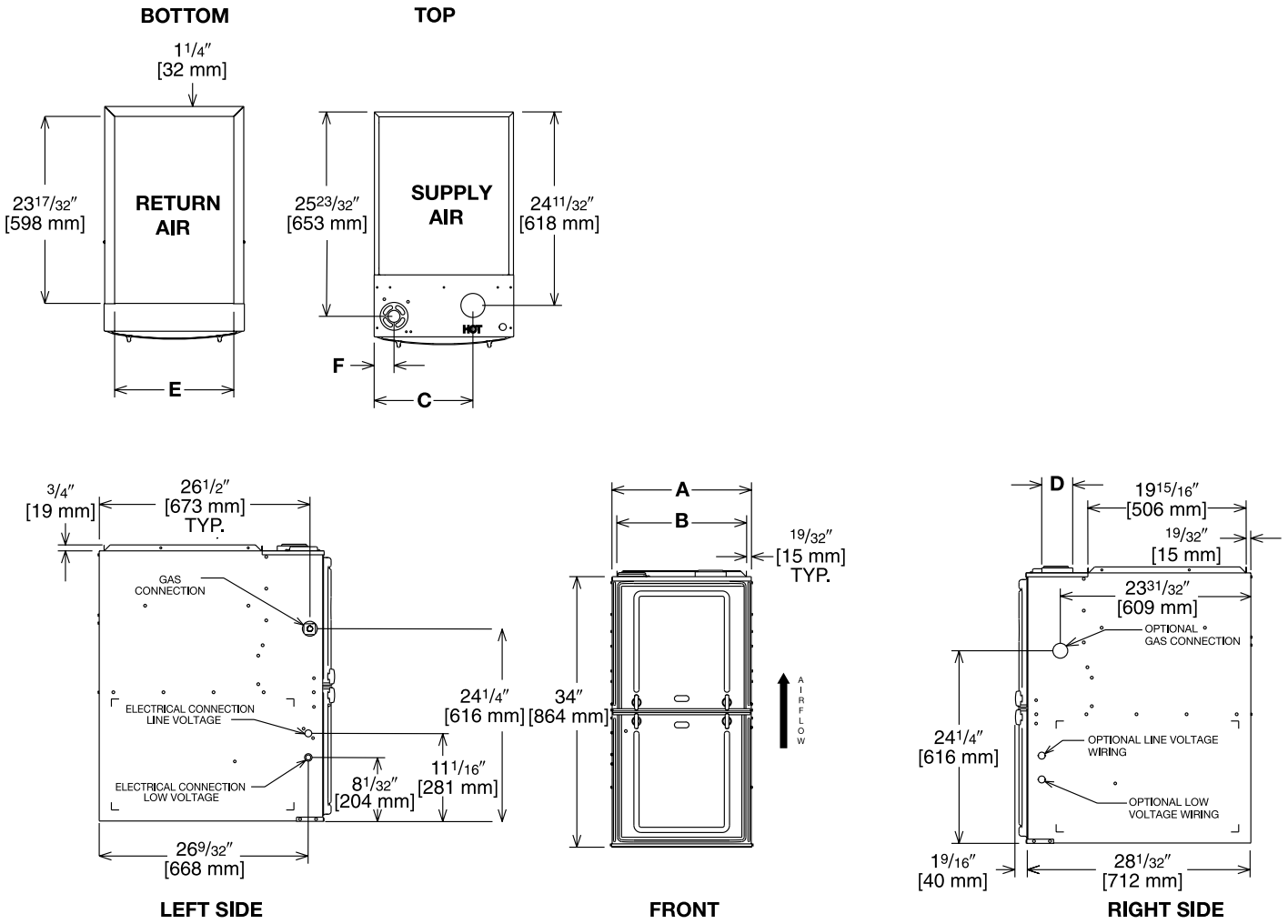


Illustration
ST-A1220-04-00
FIGURE 1

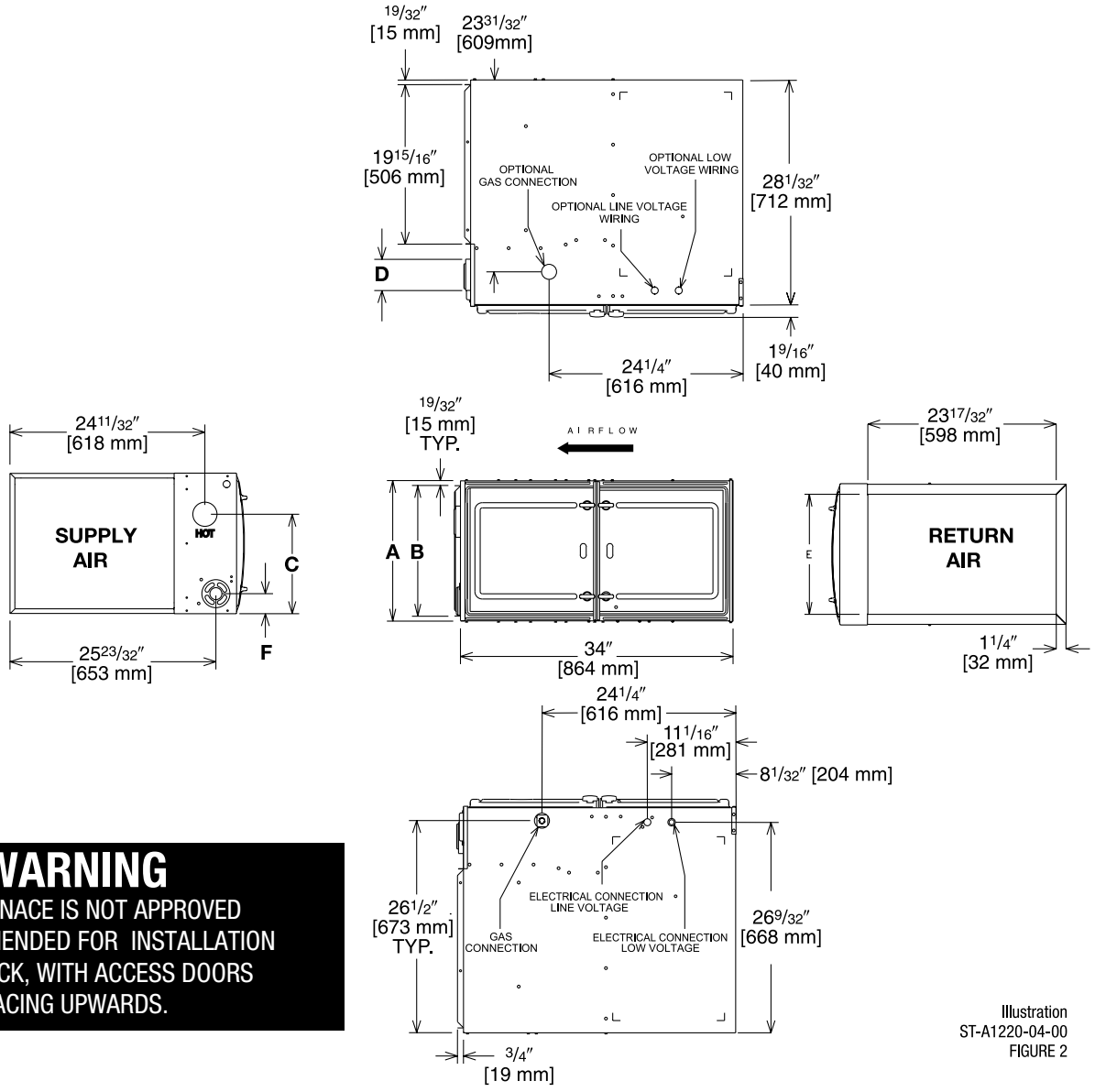
Dimensional Data – Upflow Model

MODEL R801V-	A	B	C	D	E	F	MINIMUM CLEARANCE (IN.) [mm]						SHIP WGTS. (LBS.) [kg]
							LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	
050/070	17 1/2 [445]	16 11/32 [415]	12 3/8 [314]	①	15 [381]	2 1/2 [64]	0	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	125 [57]
100	21 [533]	19 27/32 [504]	14 1/8 [359]	①	18 1/2 [470]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [64]

NOTES: ① May require a 4" [102 mm] or 5" [127 mm] adapter.
② May be 0" [0 mm] with type B vent.
③ May be 1" [25 mm] with type B vent.
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

Horizontal Application



WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED FOR INSTALLATION
ON ITS BACK, WITH ACCESS DOORS
FACING UPWARDS.

Illustration
ST-A1220-04-00
FIGURE 2

Dimensional Data – Horizontal Model

MODEL R801V-	A	B	C	D	E	F	MINIMUM CLEARANCE (IN.) [mm]						SHIP WGTS. (LBS.) [kg]
							SUPPLY AIR SIDE	RETURN AIR SIDE	BACK	TOP	FRONT	VENT	
050/070	171/2 [445]	1611/32 [415]	123/8 [314]	①	15 [381]	21/2 [64]	3 [76] ②	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	125 [57]
100	21 [533]	1927/32 [504]	141/8 [359]	①	181/2 [470]	21/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [64]

NOTES: ① May require a 4" [102 mm] or 5" [127 mm] adapter.
② May be 0" [0 mm] with type B vent.
③ May be 1" [25 mm] with type B vent.
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

Blower Performance Data

TARGET GAS HEATING AIRFLOWS			
	R81V0504A17UHUCAP	**R801V0704A17UHUCAP**	**R801V1005A21UHUCAP**
Factory High Heating CFM [L/s]	735 [334]	1020 [464]	1525 [693]
High Heat Side Return CFM [L/s]	794 [361]	1100 [500]	1647 [749]
High Heat Approx. ±7°F CFM	662 [301]	918 [417]	1373 [624]
High Heat Approx. ±12°F CFM	611 [278]	847 [385]	1266 [575]

[ ] Designates Metric Conversions

BOTTOM RETURN FILTER RACK FOR UPFLOW APPLICATION: RXGF-CB

SIDE RETURN FILTER RACK: RXGF-CD

FILTER RACK FILTER SIZES* INCHES [mm]		
MODEL	**RXGF-CB (UPFLOW/ HORIZONTAL)**	**RXGF-CD (UPFLOW) SIDE RETURN**
R801VA050/ R801VA070	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]
R801VA100	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]

WARNING - Taking return air from back of the furnace is NOT permitted.

Indoor Coil Casings

MODEL NUMBER
RXBC-D17AI
RXBC-D21AI
RXBC-D21BI
RXBC-D24AI

[ ] Designates Metric Conversions

WARNING: IMPORTANT NOTICE

A SOLID METAL BASE PLATE (SEE TABLE) MUST BE IN PLACE WHEN THE FURNACE IS INSTALLED WITH SIDE AIR RETURN DUCTS. FAILURE TO INSTALL A BASE PLATE COULD CAUSE PRODUCTS OF COMBUSTION TO BE CIRCULATED INTO THE LIVING SPACE AND CREATE POTENTIALLY HAZARDOUS CONDITIONS.

FURNACE WIDTH IN. [mm]	SOLID BOTTOM KIT NO.	BASE PLATE NO.	BASE PLATE SIZE IN. [mm]
17 1/2 [445]	RXGB-D17	AE-61874-02	15 1/8 x 23 9/16 [384 x 598]
21 [533]	RXGB-D21	AE-61874-03	18 5/8 x 23 9/16 [473 x 598]

For High Altitudes:

OPTION CODE FOR HIGH ALTITUDE: U.S.
None required for high altitudes.

HIGH ALTITUDE CONVERSION KITS: U.S.
None required for high altitudes.

80+ HIGH ALTITUDE INSTRUCTIONS
CAUTION: Always follow National Fuel Gas Code (NFGC) guidelines when converting for high altitudes.

High altitude option codes are not required for these models. However, the burner orifice size needs to be recalculated and verified at elevations above 2000 ft. See Installation Instructions for more information.

EcoNet®

THE ECONET® SMART THERMOSTAT

RETST800SYS

BUILT-IN WIFI

4.3" LCD TOUCH SCREEN

LOCAL WEATHER – Current conditions plus 6-day forecast

5 OPERATING MODES – Heat, Cool, Auto, Emergency Heat and Fan Only

7-DAY PROGRAMMABLE SCHEDULE – Offers comfort without thought

ONE-TOUCH AWAY – Quickly switch to your energy-saving away preferences

VACATION SCHEDULING – Allows you to save while you're away and come home to comfort

STANDBY SCREEN – Displays indoor temperature and current weather

OPERATIONAL FEATURES

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INTEGRATED WATER CONTROL – Enables easy water heater management

SMOOTH ARRIVAL – Prompts the system to start ahead of schedule to ensure the home is at the desired temperature at the scheduled time

HUMIDITY CONTROL – Supports humidifier accessories or over-cool based dehumidification

DETAILED OPERATING STATUS – View pertinent equipment status information and run times

CONTINUOUS FAN – Offers 5 speeds (Low, Medium Low, Medium, Medium High, High)

SHORT-CYCLE PROTECTION – Avoids damage to equipment from short run cycles

MONITORING & REMOTE CONTROL FEATURES

ACTIVE MONITORING – Alerts to problems that need immediate attention

REMOTE CONTROL – Allows adjusting of comfort and settings from anywhere using a mobile device

SERVICE ALERTS – Sends routine maintenance reminders

AIR FILTER MONITORING – Detects when it's time to replace the air filter

ALARM HISTORY – Displays time-stamped alarm codes with clear descriptions

The new degree of comfort.®

GENERAL TERMS OF LIMITED WARRANTY*

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

***For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.**

Conditional Parts
(Registration Required).....Ten (10) Years
Heat Exchanger .....Twenty (20) Years

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

Rheem Heating, Cooling & Water Heating • 5600 Old Greenwood Road
Fort Smith, Arkansas 72908 • www.rheem.com

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The new degree of comfort®

Endeavor™ Line *Classic*® Series Gas Furnaces

EcoNet®

R801V

EcoNet® Enabled
Heating Stages: Single Stage
Motor Type: Constant CFM
Input Rates: 50-125 kBTU [4.7 - 29.3 kW]
Configuration Options: Downflow

Table of Contents

Features and Benefits

- **PlusOne® Diagnostics:** With the Rheem Contractor & EcoNet® Apps, built-in EcoNet® & Bluetooth technology makes monitoring, troubleshooting and repairing the product easier than ever before.
- **Dip Switch Free Installation Commissioning via Bluetooth Technology** Seamless final install step without DIP switch configuration using the Rheem Contractor App
- **PlusOne® Ignition System:** Proven Direct Spart Ignition (DSI) for reliability and longevity
- **Constant CFM Motor:** Truly variable speed technology allows for ultimate humidity control, quieter sound levels and year-round energy savings
- **Quieter Operation**[1] A fully **insulated blower cabinet, solid bottom** and truly variable speed airflow technology makes this furnace one of the quieter options available
- **EcoNet® Enabled Furnace** The latest in sensor technology and the EcoNet® monitoring system provides a new level of protection, control and energy savings. Allows on-the-go control and receipt of system alerts by the homeowner via the EcoNet® Smart Thermostat and Econet® App[2].

[1]Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

[2]Wifi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet® Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alex and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Gas Furnaces

R	80	1	V	050	3	A	17	DZ	S	C	A	P
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	80 - 80% AFUE	1 - Single-Stage	V - ECM Variable Speed	050 - 50,000 075 - 75,000 100 - 100,000 125 - 115,000	3 - 3 ton drive 4 - 4 ton drive 5 - 5 ton drive	A - 1st Design Series	17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width	DZ - Downflow Zero Clearance	S - Standard N - Low NOx	C - Communicating, EcoNet, Bluetooth	A - 1st Series	P - Premium Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R801V0503A14DZSCAP
R801V0754A17DZSCAP
R801V0755A21DZSCAP
R801V1005A21DZSCAP
R801V1255A24DZSCAP
R801V0503A14DZNCAP
R801V0754A17DZNCAP
R801V0755A21DZNCAP
R801V1005A21DZNCAP
R801V1255A24DZNCAP

STANDARD EQUIPMENT
Constant CFM Variable Speed Motor
Complete assembly and wiring
Bluetooth enabled diagnostics and app setup
Primary aluminized steel heat exchanger
Induced Draft Blower
Pressure switches
Redundant main gas control
Limit controls
Manual shut-off valve
100% safety lock out
Blower compartment door safety switch
Cool fan off delay
Low speed continuous fan option
One-hour automatic retry
Power and self-test diagnostics
Flame sense current diagnostics
Transformer
Direct drive

WARNING
THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications—Downflow Models

U.S. and Canadian Models

MODEL NUMBERS R801V1stg VS-CT DOWNFLOW SERIES	R801V0503A14DZ*CAP	R801V0754A17DZ*CAP	R801V0755A21DZ*CAP	R801V1005A21DZ*CAP	R801V1255A24DZ*CAP
Input-BTU/Hr [kW]	50,000 [15]	75,000 [22]	75,000 [22]	100,000 [29]	125,000 [37]
Heating Capacity BTU/Hr [kW] ®	40,000 [12]	60,000 [18]	60,000 [18]	80,000 [23]	100,000 [29]
Heat Ext. Static Pressure [kPa]	.18 [.05]	.20 [.05]	.20 [.05]	.28 [.07]	.28 [.07]
Blower (D x W) [mm]	11 x 6 [279 x 152]	11 x 7 [279 x 178]	11 x 7 [279 x 178]	11 x 10 [279 x 254]	11 x 10 [279 x 254]
Motor H.P. [W]Type	1/2 [373] VS-CT(ECM)	3/4 [560] VS-CT(ECM)	1 [746] VS-CT(ECM)	1 [746] VS-CT(ECM)	1 [746] VS-CT(ECM)
Min. Circuit Ampacity	9	12	15	15	15
Min. Overload Protection Device	15	15	25	25	25
Max. Overload Protection Device	15	15	20	20	20
Motor Full Load Amps	5.8	8.8	11.1	11.1	11.1
Heating CFM [L/s]	1025 [484]	1025 [484]	1435 [678]	1710 [808]	1722 [813]
MAX Cooling CFM [L/s]	1240 [585]	1650 [779]	1980 [934]	1980 [934]	1980 [934]
MIN Cooling CFM [L/s]	300 [142]	500 [236]	500 [236]	500 [236]	500 [236]
Fan CFM [L/s]	600 [283]	800 [378]	800 [378]	1000 [472]	1000 [472]
Max. E.S.P. (In. W.C.) [kPa]	0.9 [.22]	0.9 [.22]	0.9 [.22]	0.9 [.22]	0.9 [.22]
Temperature Rise Range °F [°C]	25-55 [13.9-30.6]	25-55 [13.9-30.6]	25-55 [13.9-30.6]	35-65 [19.4-36.1]	35-65 [19.4-36.1]
Approx. Shipping Weight (Lbs.) [kg]	110 [50]	125 [57]	140 [64]	140 [64]	150 [68]
AFUE ©	80.0%	80.0%	80.0%	80.0%	80.0%

NOTES: All models are 115V, 60HZ, 1 Ph. Gas connection size for all models is 1/2" [12 mm] N.P.T.
© In accordance with D.O.E. test procedures.
® See Conversion Kit Index Form for high altitude derate.
*S=Standard, N=Low NOx

This furnace does not meet air district requirements of 14 ng/J NOx emissions limit. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions

Downflow Dimensions

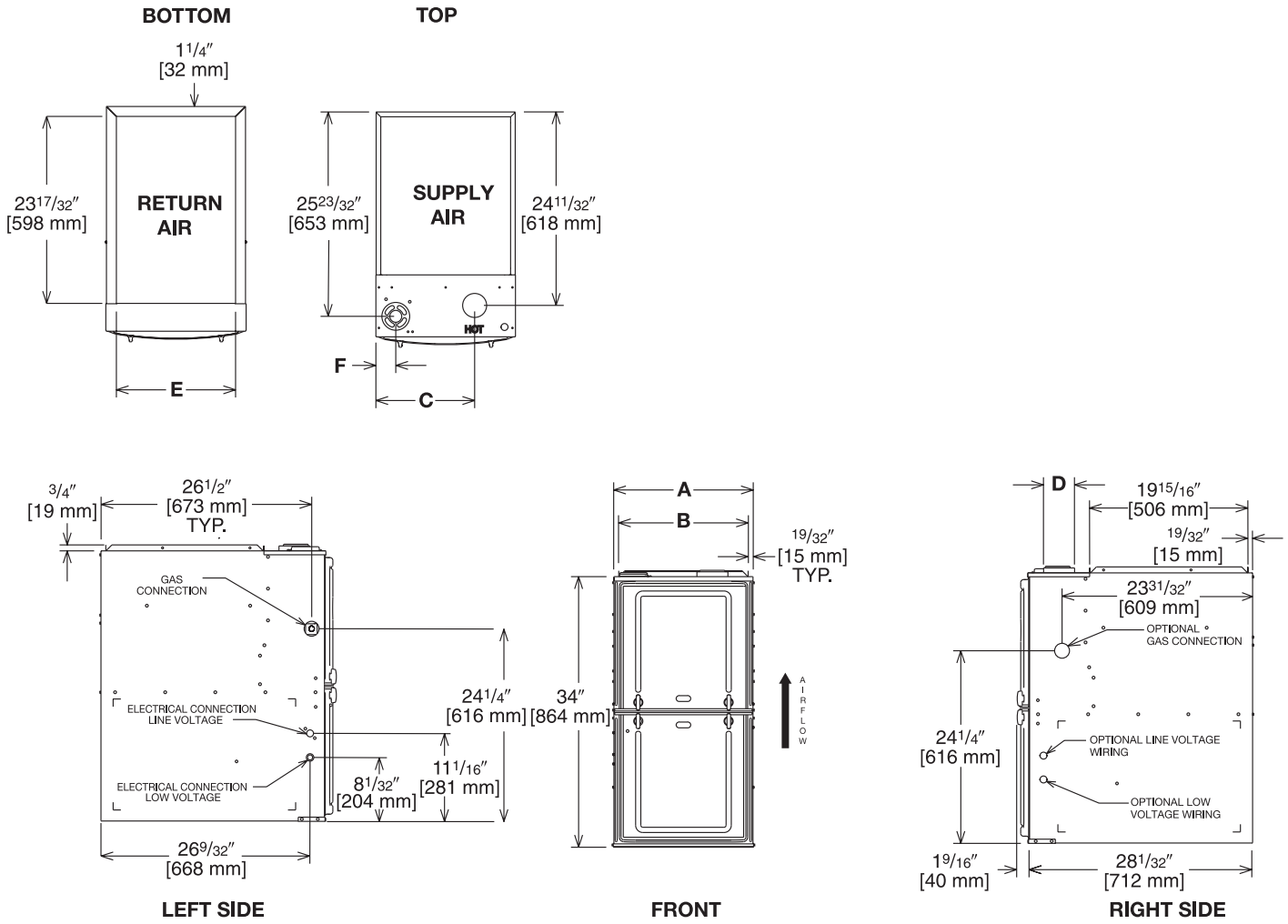


Illustration
ST-A1220-04-00
FIGURE 1

Dimensional Data—Downflow Models

MODEL R801T (DOWNFLOW) SERIES	A	B	C	D	E	REDUCED CLEARANCES (IN.) [mm]						
						LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	SHIP. WGTS. (LBS.) [kg]
050	14 [356]	12 27/32 [326]	10 3/8 [264]	①	13 1/8 [333]	0	4 ②	0	1 [25]	3 [76]	6 [152] ③	85 [38.6]
075417	17 1/2 [445]	16 11/32 [415]	12 1/8 [308]	①	16 5/8 [422]	0	3 ②	0	1 [25]	3 [76]	6 [152] ③	105 [47.6]
075521	21 [533]	19 27/32 [504]	13 7/8 [352]	①	20 1/8 [511]	0	0	0	1 [25]	3 [76]	6 [152] ③	120 [54.4]
100	21 [533]	19 27/32 [504]	13 7/8 [352]	①	20 1/8 [511]	0	0	0	1 [25]	3 [76]	6 [152] ③	120 [54.4]
125	24 1/2 [622]	23 11/32 [593]	15 5/8 [397]	①	23 5/8 [600]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [63.5]

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.
② May be 0" [0 mm] with type B vent.
③ May be 1" [25 mm] with type B vent.
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

Target Gas Heating Airflows

	R801V0503A14DZ*CAP	R801V0754A17DZ*CAP	R801V0755A21DZ*CAP	R801V1005A21DZ*CAP	R801V1255A24DZ*CAP
Factory Heating CFM [L/s]	1025 [484]	1025 [484]	1435 [678]	1710 [808]	1722 [813]
Heating Approx. ±7°F CFM	923 [436]	923 [436]	1292 [610]	1539 [727]	1550 [732]
Heating Approx. ±12°F CFM	851 [402]	851 [402]	1192 [563]	1420 [671]	1430 [675]

[ ] Designates Metric Conversions

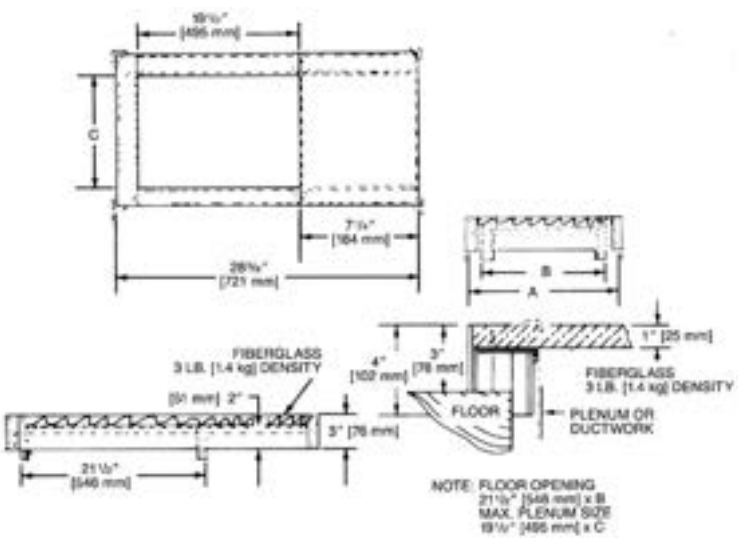
DOWNFLOW ACCESSORIES

DOWNFLOW WARNING: Unit design is certified for installation on non-combustible floor. A special factory supplied combustible floor sub-base is required when installing on a combustible floor. Failure to install the sub-base may result in fire, property damage and personal injury.

COMBUSTIBLE FLOOR BASE DIMENSIONS

COMBUSTIBLE FLOOR BASE	USE WITH FURNACE SIZES	A IN. [mm]	B IN. [mm]	C IN. [mm]
RXGC-B14	R801T050	14 1/2 [368]	13 1/4 [337]	11 1/4 [286]
RXGC-B17	R801T075317	18 [457]	16 3/4 [425]	14 3/4 [451]
RXGC-B21	R801T100521, R801T075521	21 1/2 [546]	20 1/4 [514]	18 1/4 [464]
RXGC-B24	R801T125	25 [635]	23 3/4 [603]	21 3/4 [552]

[ ] Designates Metric Conversions



RXGF-CC*

FILTER RACK—Downflow top return mount. Requires (2) 14 x 20 Filters.

NOTE: Filter racks are shipped without filters.

*Filters available through PROSTOCK ®.

FOR HIGH ALTITUDES:

HIGH ALTITUDE OPTION CODE: U.S. & Canada –
None required for high altitudes.

HIGH ALTITUDE CONVERSION KITS: U.S. & Canada –
None required for high altitudes.

80+ HIGH ALTITUDE INSTRUCTIONS
Caution: Always follow National Fuel Gas Code (NFGC) guidelines when converting for high altitudes.

High altitude option codes are not required for these models. However, the burner orifice size needs to be recalculated and verified at elevations above 2000 ft. See Installation Instructions for more information.

NOTE: For Canadian installations only, an optional derate (manifold gas pressure reduction) method may be used to adjust the furnace for altitude. See Installation Instructions for more information. This optional method may **NOT** be used for U.S. installations.

EcoNet®

THE ECONET® SMART THERMOSTAT

RETST700SYS

BUILT-IN WIFI

4.3″ LCD TOUCH SCREEN

LOCAL WEATHER – Current conditions plus 6-day forecast

5 OPERATING MODES – Heat, Cool, Auto, Emergency Heat and Fan Only

7-DAY PROGRAMMABLE SCHEDULE – Offers comfort without thought

ONE-TOUCH AWAY – Quickly switch to your energy-saving away preferences

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AUTOMATIC CHANGEOVER – Transitions between heating and cooling automatically to keep the house comfortable

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SMOOTH ARRIVAL – Prompts the system to start ahead of schedule to ensure the home is at the desired temperature at the scheduled time

HUMIDITY CONTROL – Supports humidifier accessories or over-cool based dehumidification

DETAILED OPERATING STATUS – View pertinent equipment status information and run times

CONTINUOUS FAN – Offers 5 speeds (Low, Medium Low, Medium, Medium High, High)

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MONITORING & REMOTE CONTROL FEATURES

ACTIVE MONITORING – Alerts to problems that need immediate attention

REMOTE CONTROL – Allows adjusting of comfort and settings from anywhere using a mobile device

SERVICE ALERTS – Sends routine maintenance reminders

AIR FILTER MONITORING – Detects when it's time to replace the air filter

ALARM HISTORY – Displays time-stamped alarm codes with clear descriptions

The new degree of comfort.®

Endeavor™ Line *Classic Plus*® Series Gas Furnaces

EcoNet®

R802V

80% A.F.U.E.†
EcoNet® Enabled
Heating Stages: Two-Stage
Motor Type: Constant CFM
Input Rates: Upflow/Horizontal: 50-150 kBTU [14.7-44.0 kW]
Configuration Options: Upflow/Horizontal

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

Table of Contents

Features and Benefits

- **PlusOne® Diagnostics:** With the Rheem Contractor & EcoNet® Apps, built-in EcoNet® & Bluetooth technology makes monitoring, troubleshooting and repairing the product easier than ever before
- **Dip Switch Free Installation Commissioning via Bluetooth Technology:** Seamless final install step without DIP switch configuration using the Rheem Contractor App
- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **Two-Stage Heating:** Furnace operation mainly stays at low capacity around 60-65%, but will switch to high capacity to deliver stable heat distribution
- **Constant CFM Motor:** Truly variable speed technology allows for ultimate humidity control, quieter sound levels and year-round energy savings
- **Quieter Operation[1]:** A fully i**nsulated blower cabinet, solid bottom** and truly variable speed airflow technology makes this furnace one of the quieter options available
- **EcoNet® Enabled Furnace:** The latest in sensor technology and the EcoNet® monitoring system provides a new level of protection, control and energy savings
- **Allows on-the-go control** and receipt of system alerts by the homeowner via the EcoNet® Smart Thermostat and EcoNet® App[2]

[1]Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

[2]Wifi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet® Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alex and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Gas Furnaces

R	80	2	V	050	3	A	14	UH	S	C	A	P
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	80 - 80% AFUE	2 - Two-Stage	V - ECM Variable Speed	050 - 50,000 [14.7 kW] 075 - 75,000 [22.0 kW] 100 - 100,000 [29.3 kW] 125 - 125,000 [36.6 kW] 150 - 150,000 [44.0 kW]	3 - 3 ton drive 4 - 4 ton drive 5 - 5 ton drive	A - 1st Design Series	14 - 14" Width 17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width	UH - Upflow Horizontal	S - Standard N - Low NOx	C - Communicating, EcoNet®	A - 1st Series	P - Premium Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R802V0503A14UHSCAP
R802V0754A17UHSCAP
R802V0755A21UHSCAP
R802V1004A17UHSCAP
R802V1005A21UHSCAP
R802V1255A24UHSCAP
R802V1505A24UHSCAP
R802V0503A14UHNCAP
R802V0754A17UHNCAP
R802V0755A21UHNCAP
R802V1004A17UHNCAP
R802V1005A21UHNCAP
R802V1255A24UHNCAP
R802V1505A24UHNCAP

STANDARD EQUIPMENT
Solid statetime on/off blower control
Limit controls
Manual shut-off valve
100% safety lock out
Adjustable cool fan off delay
One hour automatic retry
Power and self test diagnostics
Flame sense current diagnostics
Electronic air cleaner connections
Twinning (built-in) features
Humidifier connections
Adjustable humidifier on/off delay
Low speed continuous fan option
Single speed option for heating and cooling applications
Two speed heating
Two speed cooling
Direct drive motor
PWM Controlled Constant CFM electrically commutated blower motor
Solid bottom

NOTE: A thermostat is not included as standard equipment

WARNING
THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications—Upflow Models

U.S. and Canadian Models

MODEL NUMBERS R802V 2 stg VS UP/HZ SERIES	R802V0503 A14UH*CAP	R802V0754 A17UH*CAP	R802V0755 A21UH*CAP	R802V1004 A17UH*CAP	R802V1005 A21UH*CAP	R802V1255 A24UH*CAP	R802V1505 A24UH*CAP
Input-BTU/Hr [kW]	50,000 [15]	75,000 [22]	75,000 [22]	100,000 [29]	100,000 [29]	125,000 [37]	150,000 [44]
Heating Capacity BTU/Hr [kW] ®	40,000 [12]	60,000 [18]	60,000 [18]	80,000 [23]	80,000 [23]	100,000 [29]	120,000 [35]
Low Input BTU/Hr	35,000 [10]	52,000 [15]	52,000 [15]	70,000 [21]	70,000 [21]	87,500 [26]	105,000 [31]
Low Heating Capacity BTU/Hr	28,000 [8]	42,000 [12]	42,000 [12]	56,000 [16]	56,000 [16]	70,000 [21]	84,000 [25]
Heat Ext. Static Pressure [kPa]	.18 [.05]	.20 [.05]	.20 [.05]	.28 [.07]	.28 [.07]	.28 [.07]	.28 [.07]
Blower (D x W) [mm]	11 x 6 [279 x 152]	11 x 7 [279 x 178]	11 x 7 [279 x 178]	11 x 7 [279 x 178]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 10 [279 x 254]
Motor H.P. [W] Type	1/2 [373] VS-CT(ECM)	3/4 [560] VS-CT(ECM)	1 [746] VS-CT(ECM)	3/4 [560] VS-CT(ECM)	3/4 [560] VS-CT(ECM)	3/4 [560] VS-CT(ECM)	1 [746] VS-CT(ECM)
Min. Circuit Ampacity	9	13	13	16	13	13	16
Min. Overload Protection Device	15	15	15	20	15	15	20
Max. Overload Protection Device	15	20	20	25	20	20	25
Motor Full Load Amps	5.8	5.8	11.1	8.8	8.8	8.8	11.1
High Heating CFM [L/s]	960 [453]	1450 [684]	1425 [673]	1375 [649]	1380 [651]	1900 [897]	1680 [793]
Low Heating CFM [L/s]	750 [354]	1150 [543]	1225 [578]	1150 [543]	1200 [566]	1480 [698]	1300 [614]
MAX Cooling CFM [L/s]	1240 [585]	1650 [779]	1980 [934]	1650 [779]	1980 [934]	1980 [934]	1980 [934]
MIN Cooling CFM [L/s]	300 [142]	500 [236]	500 [236]	500 [236]	500 [236]	500 [236]	500 [236]
Fan CFM [L/s]	600 [283]	800 [378]	1000 [472]	800 [378]	1000 [472]	1000 [472]	1000 [472]
Max. E.S.P. (In. W.C.) [kPa]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]
Temperature Rise Range °F – High Input	25-55 [13.9-30.6]	25-55 [13.9-30.6]	25-55 [13.9-30.6]	35-65 [19.4-36.1]	35-65 [19.4-36.1]	35-65 [19.4-36.1]	45-75 [25-41.7]
Temperature Rise Range °F – Low Input	20-50 [11.1-27.8]	20-50 [11.1-27.8]	20-50 [11.1-27.8]	25-55 [13.9-30.6]	25-55 [13.9-30.6]	30-60 [16.7-33.3]	35-65 [19.4-36.1]
Approx. Shipping Weight (Lbs.) [kg]	110 [50]	115 [52]	135 [61]	120 [55]	140 [64]	150 [68]	162 [74]
AFUE ©	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%	80.0%

NOTES: All models are 115V, 60HZ, 1 Ph. Gas connection size for all models is 1/2" [12 mm] N.P.T.
© In accordance with D.O.E. test procedures.
® See Conversion Kit Index Form for high altitude derate.
*S=Standard, N=Low NOx

This furnace does not meet air district requirements of 14 ng/J NOx emissions limit. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions

Upflow Application

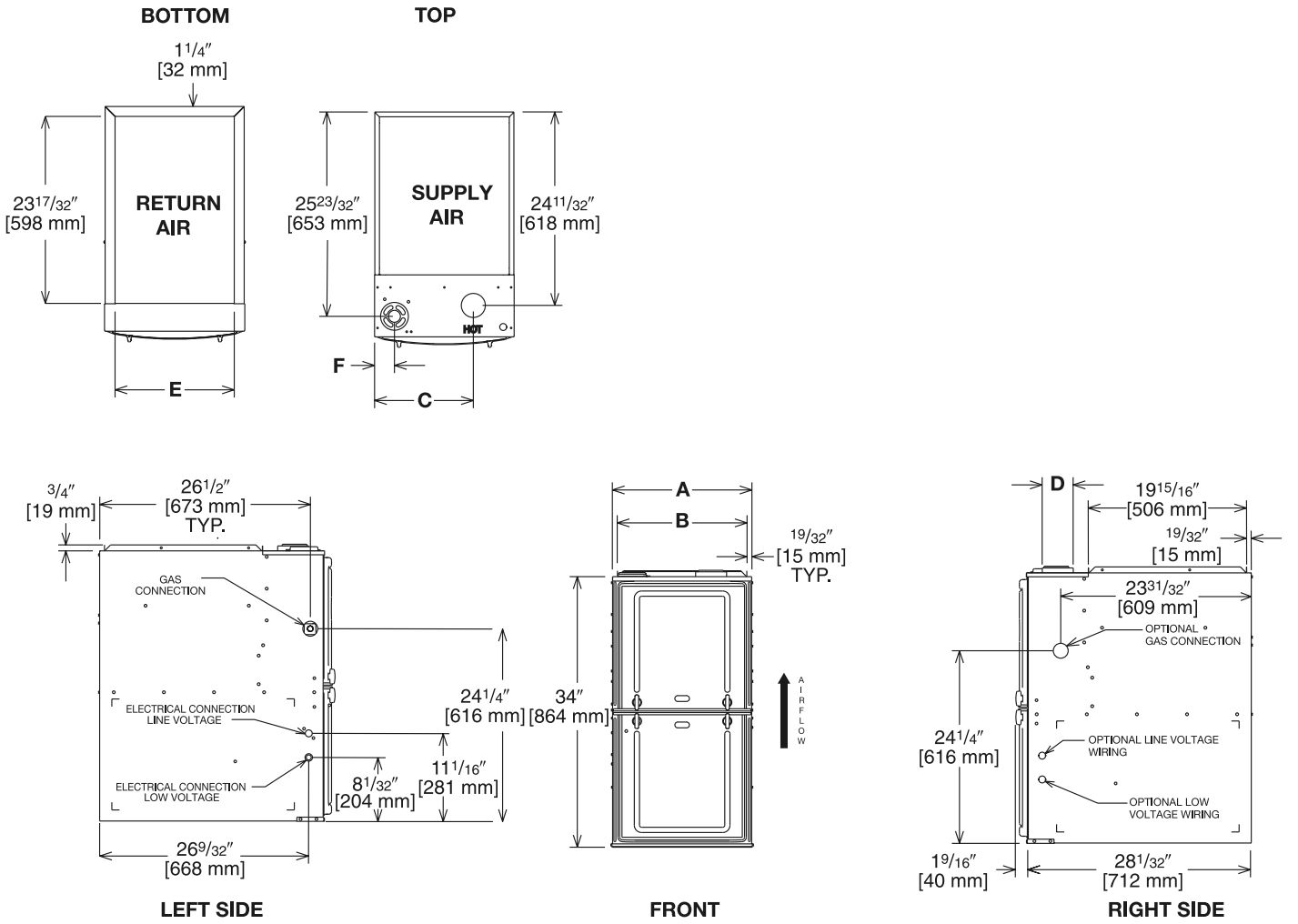


Illustration
ST-A1220-04-00
FIGURE 1

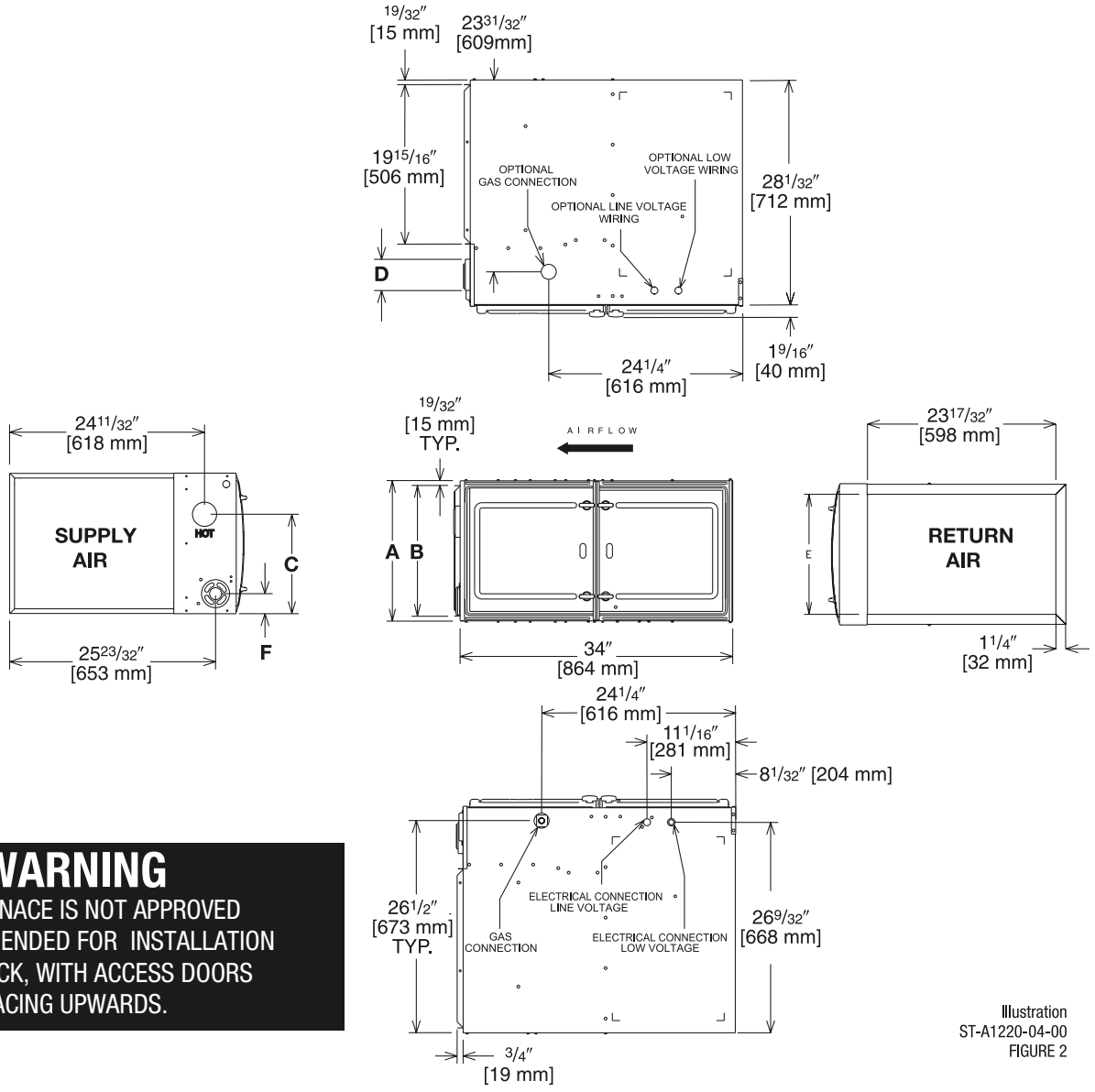
Dimensional Data: Upflow Model

MODEL R802V-	A	B	C	D	E	F	MINIMUM CLEARANCE (IN.) [mm]						SHIP WGTS. (LBS.) [kg]
							LEFT SIDE	RIGHT SIDE	BACK	TOP	FRONT	VENT	
050	14 [356]	12 27/32 [326]	10 5/8 [270]	①	11 1/2 [292]	1 7/8 [48]	0	4 [102] ②	0	1 [25]	3 [76]	6 [152] ③	110 [50]
075/ 100417	17 1/2 [445]	16 11/32 [415]	12 3/8 [314]	①	15 [381]	2 1/2 [64]	0	3 [76] ②	0	1 [25]	3 [76]	6 [152] ③	125 [57]
100521	21 [533]	19 27/32 [504]	14 1/8 [359]	①	18 1/2 [470]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	140 [64]
125	24 1/2 [622]	23 11/32 [592]	15 7/8 [397]	①	22 [559]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	150 [68]
150	24 1/2 [622]	23 11/32 [592]	15 7/8 [397]	①	22 [559]	2 1/2 [64]	0	0	0	1 [25]	3 [76]	6 [152] ③	160 [73]

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.
② May be 0" [0 mm] with type B vent.
③ May be 1" [25 mm] with type B vent.
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

Horizontal Application



WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED FOR INSTALLATION
ON ITS BACK, WITH ACCESS DOORS
FACING UPWARDS.

Illustration
ST-A1220-04-00
FIGURE 2

Dimensional Data: Horizontal Model

MODEL R802V	A	B	C	D	E	F	MINIMUM CLEARANCE (IN.)						SHIP WGTS. (LBS.)
							SUPPLY AIR SIDE	RETURN AIR SIDE	BACK	TOP	FRONT	VENT	
050	14	1227/32	105/8	①	111/2	17/8	4 ②	0	0	1	3	6 ③	110
075/ 100417	171/2	1611/32	123/8	①	15	21/2	3 ②	0	0	1	3	6 ③	125
100521	21	1927/32	141/8	①	181/2	21/2	0	0	0	1	3	6 ③	140
125	241/2	2311/32	157/8	①	22	21/2	0	0	0	1	3	6 ③	150
150	241/2	2311/32	157/8	①	22	21/2	0	0	0	1	3	6 ③	160

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.
② May be 0" [0 mm] with type B vent.
③ May be 1" [25 mm] with type B vent.
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

Blower Performance Data

GAS HEATING TARGET CFM [L/s]							
	R802V0503 A14UH*CAP	**R802V0754 A17UH*CAP**	**R802V0755 A21UH*CAP**	**R802V1004 A17UH*CAP**	**R802V1005 A21UH*CAP**	**R802V1255 A24UH*CAP**	**R802V1505 A24UH*CAP**
Factory Low Heating CFM [L/s]	750 [354]	1150 [543]	1225 [578]	1150 [543]	1200 [566]	1480 [698]	1300 [614]
Low Heat Side Return CFM [L/s]	750 [354]	1150 [543]	1225 [578]	1150 [543]	1200 [566]	1480 [698]	1300 [614]
Low Heat Approx. ±7°F CFM [L/s]	660 [311]	1012 [478]	1078 [509]	1012 [478]	1056 [498]	1302.4 [615]	1144 [540]
Low Heat Approx. ±12°F CFM [L/s]	607 [287]	931 [440]	992.25 [468]	931.5 [440]	972 [459]	1198.8 [566]	1053 [497]
Factory High Heating CFM [L/s]	960 [453]	1450 [684]	1425 [673]	1375 [649]	1380 [651]	1900 [897]	1680 [793]
High Heat Side Return CFM [L/s]	960 [453]	1450 [684]	1425 [673]	1375 [649]	1380 [651]	1900 [897]	1680 [793]
High Heat Approx. ±7°F CFM [L/s]	864 [408]	1305 [616]	1282.5 [605]	1237.5 [584]	1242 [586]	1710 [807]	1512 [714]
High Heat Approx. ±12°F CFM [L/s]	796 [376]	1203 [568]	1182.75 [558]	1141.25 [539]	1145.4 [541]	1577 [744]	1394.4 [658]

[ ] Designates Metric Conversions

SIDE RETURN FILTER RACK: RXGF-CD

BOTTOM RETURN FILTER RACK FOR UPFLOW APPLICATION: RXGF-CB

FILTER RACK FILTER SIZES* INCHES		
MODEL	**RXGF-CB (UPFLOW/ HORIZONTAL)**	**RXGF-CD (UPFLOW) SIDE RETURN**
R802V050	12 1/4 x 25	15 3/4 x 25
R802V075/ R802V0755A21	15 3/4 x 25	15 3/4 x 25
R802V1004A1	19 1/4 x 25	15 3/4 x 25
R802V125	22 3/4 x 25	15 3/4 x 25
R802V150	22 3/4 x 25	15 3/4 x 25

Indoor Coil Casings

MODEL NUMBER
RXBC-D14AI
RXBC-D17AI
RXBC-D21AI
RXBC-D21BI
RXBC-D24AI

4" FLUE ADAPTER: RXGW-C01

WARNING: IMPORTANT NOTICE

A SOLID METAL BASE PLATE (SEE TABLE) MUST BE IN PLACE WHEN THE FURNACE IS INSTALLED WITH SIDE AIR RETURN DUCTS. FAILURE TO INSTALL A BASE PLATE COULD CAUSE PRODUCTS OF COMBUSTION TO BE CIRCULATED INTO THE LIVING SPACE AND CREATE POTENTIALLY HAZARDOUS CONDITIONS.

FURNACE WIDTH IN.	SOLID BOTTOM KIT NO.	BASE PLATE NO.	BASE PLATE SIZE IN.
14	RXGB-D14	AE-61874-01	11 5/8 x 23 9/16
17 1/2	RXGB-D17	AE-61874-02	15 1/8 x 23 9/16
21	RXGB-D21	AE-61874-03	18 5/8 x 23 9/16
24 1/2	RXGB-D24	AE-61874-04	25 5/8 x 23 9/16

For High Altitudes:

OPTION CODE FOR HIGH ALTITUDE: U.S.
None required for high altitudes.

HIGH ALTITUDE CONVERSION KITS: U.S.
None required for high altitudes.

80+ HIGH ALTITUDE INSTRUCTIONS
CAUTION: Always follow National Fuel Gas Code (NFGC) guidelines when converting for high altitudes.

High altitude option codes are not required for these models. However, the burner orifice size needs to be recalculated and verified at elevations above 2000 ft. See Installation Instructions for more information.

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RETST700SYS

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4.3″ LCD TOUCH SCREEN

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ALARM HISTORY – Displays time-stamped alarm codes with clear descriptions

The new degree of comfort.®

Endeavor™ Line *Classic*® Series Gas Furnaces

R921T

92% A.F.U.E.†
Heating Stages: Single Stage
Motor Type: Constant Torque
Input Rates: 40 to 115 kBTU [11.7 to 33.7 kW]
Configuration Options: 4-Way Multi-Position

ISO 9001:2015 · c UL us LISTED · AHRI CERTIFIED www.ahridirectory.org Unitary Small HP AHRI Standard 210/240 · ENERGY STAR

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

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Features and Benefits

- **PlusOne® Energy Efficiency:** ENERGY STAR® certified, featuring 95% AFUE across all model sizes
- **PlusOne® Diagnostics:** Industry-first, 7-Segment LED for quick and easy service
- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **PlusOne® Water Management System:** Rheem-exclusive patented block drain sensor that automatically shuts off the furnace when the drain is blocked and alerts the contractor via diagnostic code

Gas Furnaces

R	92	1	T	040	3	A	17	M4	S	N	A	S
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	92 - 92% AFUE	1 - Single-Stage	T - Constant Torque	040 - 40,000 [11.7 kW] 060 - 60,000 [17.6 kW] 070 - 70,000 [21.5 kW] 085 - 85,000 [24.9 kW] 100 - 100,000 [29.3 kW] 115 - 115,000 [33.7 kW]	3 - 3 ton drive 5 - 5 ton drive	A - 1st Design Series	17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width	M4 - Multi-4 Way	S - Standard	N - Non-Communicating	A - 1st Series	S - Standard Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R921T0403A17M4SNAS
R921T0603A17M4SNAS
R921T0703A17M4SNAS
R921T0705A21M4SNAS
R921T0855A21M4SNAS
R921T1005A21M4SNAS
R921T1155A24M4SNAS

STANDARD EQUIPMENT
Multispeed Constant Torque ECM Motor
Complete assembly and wiring
Blocked Drain Sensor
7 Segment LED & marked hoses
Primary aluminized steel heat exchanger
29-4C stainless steel secondary heat exchanger
Induced Draft Blower
Pressure switches
Redundant main gas control
Limit controls
Manual shut-off valve
100% safety lock out
Blower compartment door safety switch
Solid State Time on/off blower control
Cool fan off delay
Field Selectable Heat Fan Off Delay
Low speed continuous fan option
Single Speed Option for Heating & Cooling Applications
One-hour automatic retry
Power and self-test diagnostics
Flame sense current diagnostics
Electronic air cleaner connections
Twinning (built-in) features
Humidifier connections
Humidifier on/off delay
Transformer
Direct drive
Solid bottom

WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications

MODEL NUMBERS	R921T 0403A17M4SNAS	R921T 0603A17M4SNAS	R921T 0703A17M4SNAS	R921T 0705A21M4SNAS	R921T 0855A21M4SNAS	R921T 1005A21M4SNAS	R921T 1155A24M4SNAS
HIGH FIRE INPUT BTU/HR [kW] ①	42,000 [12.30]	56,000 [16.41]	70,000 [20.51]	70,000 [20.51]	84,000 [24.61]	98,000 [28.72]	112,000 [32.82]
HEATING CAPACITY BTU/HR [kW]	39,900 [11.69]	53,200 [15.59]	66,500 [19.49]	66,500 [19.49]	79,800 [23.39]	93,100 [27.28]	106,400 [31.18]
HIGH ALTITUDE OUTPUT 10% DERATE [kW] ②	35,910 [10.52]	47,880 [14.03]	59,850 [17.54]	59,850 [17.54]	71,820 [21.05]	83,790 [24.56]	95,760 [28.06]
BLOWER (D x W) [mm]	11 x 7 [279 x 178]	11 x 8 [279 x 203]	11 x 8 [279 x 203]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 11 [279 x 279]
MOTOR H.P. [W]–TYPE	1/2 [373] 5 Spd Constant Torque	1/2 [373] 5 Spd Constant Torque	1/2 [373] 5 Spd Constant Torque	1 [746] 5 Spd Constant Torque	1 [746] 5 Spd Constant Torque	1 [746] 5 Spd Constant Torque	1 [746] 5 Spd Constant Torque
MIN. CIRCUIT AMPACITY	8	9	10	12	16	15	14
MIN. OVERLOAD PROTECTION DEVICE	15	15	15	15	20	20	20
MAX. OVERLOAD PROTECTION DEVICE	15	15	15	20	25	20	20
MINIMUM EXT. STATIC PRESSURE (IN. W.C.) [kPa]	.18 [.045]	.20 [.050]	.23 [.057]	.23 [.057]	.28 [.070]	.28 [.070]	.28 [.070]
MAXIMUM EXT. STATIC PRESSURE (IN. W.C.) [kPa]	.9 [0.224]	.9 [0.224]	.9 [0.224]	.9 [0.224]	.9 [0.224]	.9 [0.224]	.9 [0.224]
HEATING SPEED	MED-LOW	MED-LOW	MED	MED-LOW	MED-LOW	MED-LOW	MED
COOLING SPEED	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH
TEMPERATURE RISE-HIGH FIRE RANGE IN DEGREES °F [°C]	25 - 55 [14 -31]	35 - 65 [19 - 36]	40 - 70 [22 - 39]	30 - 60 [17 - 33]	35 - 65 [19 - 36]	40 - 70 [19 - 36]	45 - 75 [25 - 42]
APPROX. SHIPPING WEIGHT (LBS.) [kg]	123.5 [56]	128 [58]	132 [60]	139 [63]	147.5 [67]	152 [69]	165 [75]
AFUE ③	92.00%	92.00%	92.00%	92.00%	92.00%	92.00%	92.00%

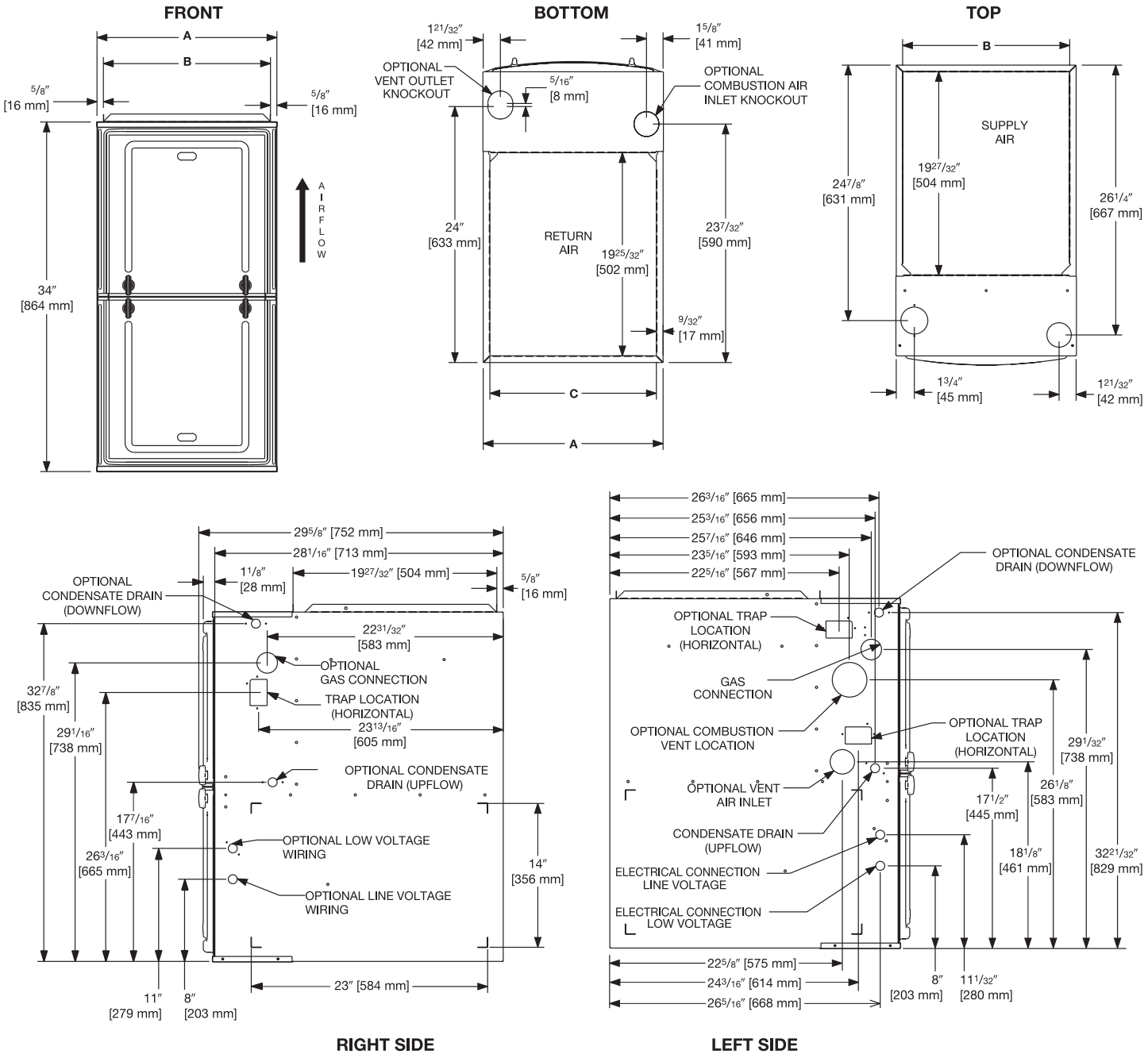
NOTES: All models are 115V, 60HZ, 1 Phase Gas connection size for all models is 1/2" [13 mm] N.P.T.
① Installation instructions for high altitude derate.
② Canadian installations only.
③ In accordance with D.O.E. test procedures.

NOTE: Standard model complies with California low NOx requirements up to 40ng/J.

This furnace does not meet air district requirements of 14 ng/J NOx emissions limit, and thus is subject to a mitigation fee of up to $450. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions



Unit Dimensions Clearance to Combustibles

MODEL R921T	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]					SHIP WGTS.	FLANGE DIMENSIONS		
		RIGHT SIDE	BACK	TOP	FRONT	VENT		A	B	C
040	0	0	0	1 [25]	2 [51]	0	123.5 [56]	171/2 [445]	1617/64 [413]	1613/64 [412]
060	0	0	0	1 [25]	2 [51]	0	128 [58]	171/2 [445]	1617/64 [413]	1613/64 [412]
070	0	0	0	1 [25]	2 [51]	0	132 [60]	171/2 [445]	1617/64 [413]	1613/64 [412]
070 (wide)	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	1949/64 [502]	1945/64 [500]
085	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	1949/64 [502]	1945/64 [500]
100	0	0	0	1 [25]	2 [51]	0	152 [69]	21 [533]	1949/64 [502]	1945/64 [500]
115	0	0	0	1 [25]	2 [51]	0	165 [75]	241/2 [662]	2317/64 [591]	2313/64 [589]

*A service clearance of at least 24" is recommended in front of all furnaces
Supply and return depicted as upflow configuration.
Flange configuration will vary depending on installation orientation.

[ ] Designates Metric Conversions

Blower Performance Data

AIR FLOW PERFORMANCE - 92% SINGLE STAGE CONSTANT TORQUE											
INPUT [BTU] CABINET WIDTH [IN]	**AIRFLOW CONTROL SETTINGS**	**SPEED TAP/ WIRE COLORS**	**CFM AIR DELIVERY EXTERNAL STATIC PRESSURE INCHES WATER COLUMN**									
			0.1	**0.2**	**0.3**	**0.4**	**0.5**	**0.6**	**0.7**	**0.8**	**0.9**	**1**
40K 17"	Factory Setting Fan	Low/Red	807	765	717	666	612	557	502	448	396	349
	Heat or Heat/Cool	Medium Low/Yellow	965	921	874	824	771	716	659	601	543	484
	Cool	Medium/Purple	1076	1035	994	953	910	864	913	758	697	630
	Cool	Medium High/Blue	1150	1108	1068	1030	991	951	908	860	806	745
	Factory Setting Cooling	High/Black	1298	1259	1220	1182	1144	1106	1067	1028	987	945
60K 17"	Factory Setting Fan	Low/Red	998	950	906	853	791	728	676	634	584	542
	Heat or Heat/Cool	Medium Low/Yellow	1060	1016	963	924	862	802	753	706	663	616
	Cool	Medium/Purple	1143	1104	1060	1016	970	930	873	820	769	725
	Cool	Medium High/Blue	1328	1293	1258	1220	1183	1142	1107	1069	1016	960
	Factory Setting Cooling	High/Black	1473	1441	1403	1366	1331	1295	1265	1236	1200	1159
70K 17"	Factory Setting Fan	Low/Red	635	602	564	524	482	440	399	362	329	302
	Cool	Medium Low/Yellow	1080	1035	985	931	874	816	759	704	654	610
	Heat or Heat/Cool	Medium/Purple	1222	1183	1138	1090	1039	985	931	877	824	774
	Cool	Medium High/Blue	1371	1330	1290	1251	1210	1169	1125	1078	1028	972
	Factory Setting Cooling	High/Black	1458	1421	1385	1349	1312	1274	1235	1193	1148	1101
70K 21"	Factory Setting Fan	Low/Red	1154	1105	1046	980	911	841	773	709	653	608
	Heat or Heat/Cool	Medium Low/Yellow	1450	1405	1357	1307	1255	1202	1147	1091	1036	981
	Cool	Medium/Purple	1583	1536	1490	1446	1401	1356	1308	1257	1203	1144
	Cool	Medium High/Blue	1750	1703	1662	1626	1591	1556	1520	1479	1432	1377
	Factory Setting Cooling	High/Black	1981	1931	1894	1865	1835	1797	1745	1671	1568	1428
85K 21"	Factory Setting Fan	Low/Red	1086	1022	931	855	812	734	679	606	559	526
	Heat or Heat/Cool	Medium Low/Yellow	1651	1611	1571	1518	1476	1434	1383	1311	1271	1208
	Cool	Medium/Purple	1755	1712	1670	1626	1596	1531	1490	1445	1421	1337
	Cool	Medium High/Blue	2042	1996	1971	1944	1901	1872	1849	1812	1767	1738
	Factory Setting Cooling	High/Black	2114	2082	2049	2009	1974	1940	1903	1821	1752	1633
100K 21"	Factory Setting Fan	Low/Red	1336	1274	1200	1156	1090	1019	965	916	852	796
	Heat or Heat/Cool	Medium Low/Yellow	1574	1521	14881	1423	1376	1327	1272	1218	1170	1114
	Cool	Medium/Purple	1683	1644	1609	1559	1521	1464	1427	1366	1313	1280
	Cool	Medium High/Blue	1843	1801	1771	1732	1696	1661	1611	1533	1531	1461
	Factory Setting Cooling	High/Black	2063	2018	1992	1943	1914	1875	1837	1807	1768	1726
115K 24"	Factory Setting Fan	Low/Red	1406	1336	1268	1196	1125	1078	1003	942	869	808
	Cool	Medium Low/Yellow	1561	1491	1423	1359	1304	1227	1171	1123	1071	1018
	Heat or Heat/Cool	Medium/Purple	1696	1645	1586	1533	1480	1407	1370	1305	1254	1220
	Cool	Medium High/Blue	1852	1801	1761	1701	1630	1591	1523	1466	1427	1362
	Factory Setting Cooling	High/Black	1996	1951	1890	1840	1799	1741	1666	1612	1602	1534

Vent Termination Kits: =

RXGY-E02: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US Only)

RXGY-E02A: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US & Canadian)

RXGY-E03: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US Only)

RXGY-E03A: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US & Canadian)

RXGY-G02: Direct Vent Furnace Side Wall Vent 2" or 3" (US Only)

RXGY-D05: Combustion Air Drain Kit 2"

RXGY-D06: Combustion Air Drain Kit 3"

NEUTRALIZER KIT: RXGY-A01
(Replacement Cartridge 54-22120-01)

EXTERNAL BOTTOM FILTER (UPFLOW/HORIZONTAL) RACK: RXGF-CB

EXTERNAL SIDE (UPFLOW) FILTER RACK: RXGF-CD

EXTERNAL (DOWNFLOW) FILTER RACK: RXGF-CC

FILTER RACK FILTER SIZES* INCHES [mm]			
MODEL	**RXGF-CB (UPFLOW/ HORIZONTAL)**	**RXGF-CD (UPFLOW)**	**RXGF-CC (DOWNFLOW)**
R921T(-)040	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R921T(-)060	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R921T(-)070	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R921T(-)070 (wide)	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	12 x 20 [305 x 508]
R921T(-)085	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R921T(-)100	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R921T(-)115	22 3/4 x 25 [578 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]

Indoor Coil Casings

MODEL NUMBER
RXBC-D17A1
RXBC-D21A1
RXBC-D21B1
RXBC-D24A1

For High Altitudes:

NOTE: For Canadian installations only, an optional derate (manifold gas pressure reduction) method may be used to adjust the furnace for altitude. See Installation Instructions for more information. This optional method may **NOT** be used for U.S. installations. See installation instructions as appropriate orifice change is required.

L.P. CONVERSION KIT: RXGJ-FP38

CONDENSATE PUMP KIT: PROSTOCK & 1PCB151TUL

DOWNFLOW/HORIZONTAL CONVERSION KIT: RXGY-CK

DOWNFLOW/HORIZONTAL LEFT ZERO CLEARANCE CONVERSION KIT: RXGY-ZK

COMBUSTIBLE FLOOR BASE: RXGC-B17
RXGC-B21
RXGC-B24

[ ] Designates Metric Conversions

The new degree of comfort.®

Endeavor™ Line *Classic* Series Gas Furnaces

This product meets a stringent set of our internally defined sustainability standards

R921V

92% A.F.U.E.†
EcoNet® Enabled
Heating Stages: Single Stage
Motor Type: Constant CFM
Input Rates: 40 to 115 kBTU [11.7 to 33.7 kW]
Configuration Options: 4-Way Multi-Position

ISO 9001:2015

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

Table of Contents

Features and Benefits

- **PlusOne® Energy Efficiency:** US South ENERGY STAR® certified, featuring 92% AFUE across all model sizes
- **PlusOne® Diagnostics:** With the Rheem Contractor & EcoNet® Apps, built-in EcoNet® & Bluetooth technology makes monitoring, troubleshooting and repairing the product easier than ever before
- **Dip Switch Free Installation Commissioning via Bluetooth Technology:** Seamless final install step without DIP switch configuration using the Rheem Contractor App
- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **PlusOne® Water Management System:** Rheem-exclusive patented block drain sensor that automatically shuts off the furnace when the drain is blocked, and also alerts the contractor via diagnostic code
- **Constant CFM Motor:** Truly variable speed technology allows for ultimate humidity control, quieter sound levels and year-round energy savings
- **Quieter Operation[1]:** A fully insulated blower cabinet, solid bottom and truly variable speed airflow technology makes this furnace one of the quieter options available
- **EcoNet® Enabled Furnace:** The latest in sensor technology and the EcoNet® monitoring system provides a new level of protection, control and energy savings
- **Allows on-the-go control** and receipt of system alerts by the homeowner via the EcoNet® Smart Thermostat and EcoNet® App[2]

1 Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

2 Wifi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet® Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alex and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Gas Furnaces

R	92	1	V	040	3	A	17	M4	S	C	A	P
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	92 - 92% AFUE	1 - Single Stage	V - ECM Variable Speed	040 - 40K BTUH [11.7 kW] 060 - 60K BTUH [17.6 kW] 070 - 70K BTUH [20.5 kW] 085 - 85K BTUH [24.9 kW] 100 - 100K BTUH [29.3 kW] 115 - 115K BTUH [33.7 kW]	3 - 3 ton drive 5 - 5 ton drive	A - 1st Design Series	17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width	M4 - Multi-4 Way	S - Standard	C - Communicating, EcoNet®, Bluetooth	A - 1st Series	P - Premium Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R921V0403A17M4SCAP
R921V0603A17M4SCAP
R921V0703A17M4SCAP
R921V0705A21M4SCAP
R921V0855A21M4SCAP
R921V1005A21M4SCAP
R921V1155A24M4SCAP

STANDARD EQUIPMENT
Completely assembled and wired
Bluetooth setup
Bluetooth diagnostics
Bluetooth setup and diagnostics
Marked condensate hoses
Aluminized steel primary heat exchanger design
29-4C stainless steel secondary heat exchanger design
Induced draft motor
Pressure switch
Redundant main gas control
Blower compartment door safety switch
Solid statetime on/off blower control
Limit controls
Manual shut-off valve
100% safety lock out
Adjustable cool fan off delay
One hour automatic retry
Power and self test diagnostics
Flame sense current diagnostics
Electronic air cleaner connections
Twinning (built-in) features
Low speed continuous fan option
Single speed heating
Two speed cooling
Direct drive motor
PWM Controlled constant torque electrically commutated blower motor
Multi-speed constant torque electrically commutated blower motor
Solid bottom

NOTE: A thermostat is not included as standard equipment.

WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications—U.S. Models

MODEL NUMBERS	R921V0403A 17M4SCAP	R921V0603A 17M4SCAP	R921V0703A 17M4SCAP	R921V0705A 21M4SCAP	R921V0855A 21M4SCAP	R921V1005A 21M4SCAP	R921V1155A 24M4SCAP
HIGH FIRE INPUT BTU/HR [kW] ①	42,000 [12.30]	56,000 [16.41]	70,000 [20.51]	70,000 [20.51]	84,000 [24.61]	98,000 [28.72]	112,000 [32.82]
HEATING CAPACITY BTU/HR [kW]	39,900 [11.69]	53,200 [15.59]	66,500 [19.49]	66,500 [19.49]	79,800 [23.39]	93,100 [27.28]	106,400 [31.18]
HIGH ALTITUDE OUTPUT 10% DERATE [kW] ②	35,910 [10.52]	47,880 [14.03]	59,850 [17.54]	59,850 [17.54]	71,820 [21.05]	83,790 [24.56]	95,760 [28.06]
BLOWER (D x W) [mm]	11 x 7 [279 x 178]	11 x 8 [279 x 203]	11 x 8 [279 x 203]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 11 [279 x 279]
MOTOR H.P. [W]–TYPE	1/2 [373] VS-CT(ECM)	1/2 [373] VS-CT(ECM)	1/2 [373] VS-CT(ECM)	1 [746] VS-CT(ECM)	1 [746] VS-CT(ECM)	1 [746] VS-CT(ECM)	1 [746] VS-CT(ECM)
MIN. CIRCUIT AMPACITY	10	10	10	17	17	17	17
MIN. OVERLOAD PROTECTION DEVICE	15	15	15	25	25	25	25
MAX. OVERLOAD PROTECTION DEVICE	15	15	15	20	20	20	20
MOTOR FULL LOAD AMPS	5.8	5.8	5.8	11.1	11.1	11.1	11.1
MINIMUM EXT. STATIC PRESSURE (IN. W.C.) [kPa]	.18 [.045]	.20 [.050]	.23 [.057]	.23 [.057]	.28 [.070]	.28 [.070]	.28 [.070]
MAXIMUM EXT. STATIC PRESSURE (IN. W.C.) [kPa]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]
HEATING CFM [L/s]	990 [468]	1100 [520]	1000 [472]	1300 [614]	1574 [743]	1565 [739]	1575 [744]
MAX COOLING CFM [L/s]	1240 [585]	1240 [585]	1240 [585]	1980 [934]	1980 [934]	1980 [934]	1980 [934]
MIN COOLING CFM [L/s]	300 [142]	300 [142]	300 [142]	500 [236]	500 [236]	500 [236]	500 [236]
FAN CFM [L/s]	600 [283]	600 [283]	600 [283]	1000 [472]	1000 [472]	1000 [472]	1000 [472]
TEMPERATURE RISE-HIGH FIRE RANGE IN DEGREES °F [°C]	20 - 50 [11 - 28]	30 - 60 [17 - 33]	40 - 70 [22 - 39]	30 - 60 [17 - 33]	30 - 60 [17 - 33]	40 - 70 [22 - 39]	45 - 75 [25 - 42]
APPROX. SHIPPING WEIGHT (LBS.) [kg]	123.5 [56]	128 [58]	132 [60]	139 [63]	147.5 [67]	152 [69]	165 [75]
AFUE ③	92.00%	92.00%	92.00%	92.00%	92.00%	92.00%	92.00%

NOTES: All models are 115V, 60HZ, 1 phase Gas connection size for all models is 1/2" [13 mm] N.P.T.

① Installation instructions for high altitude derate.

② Canadian installations only.

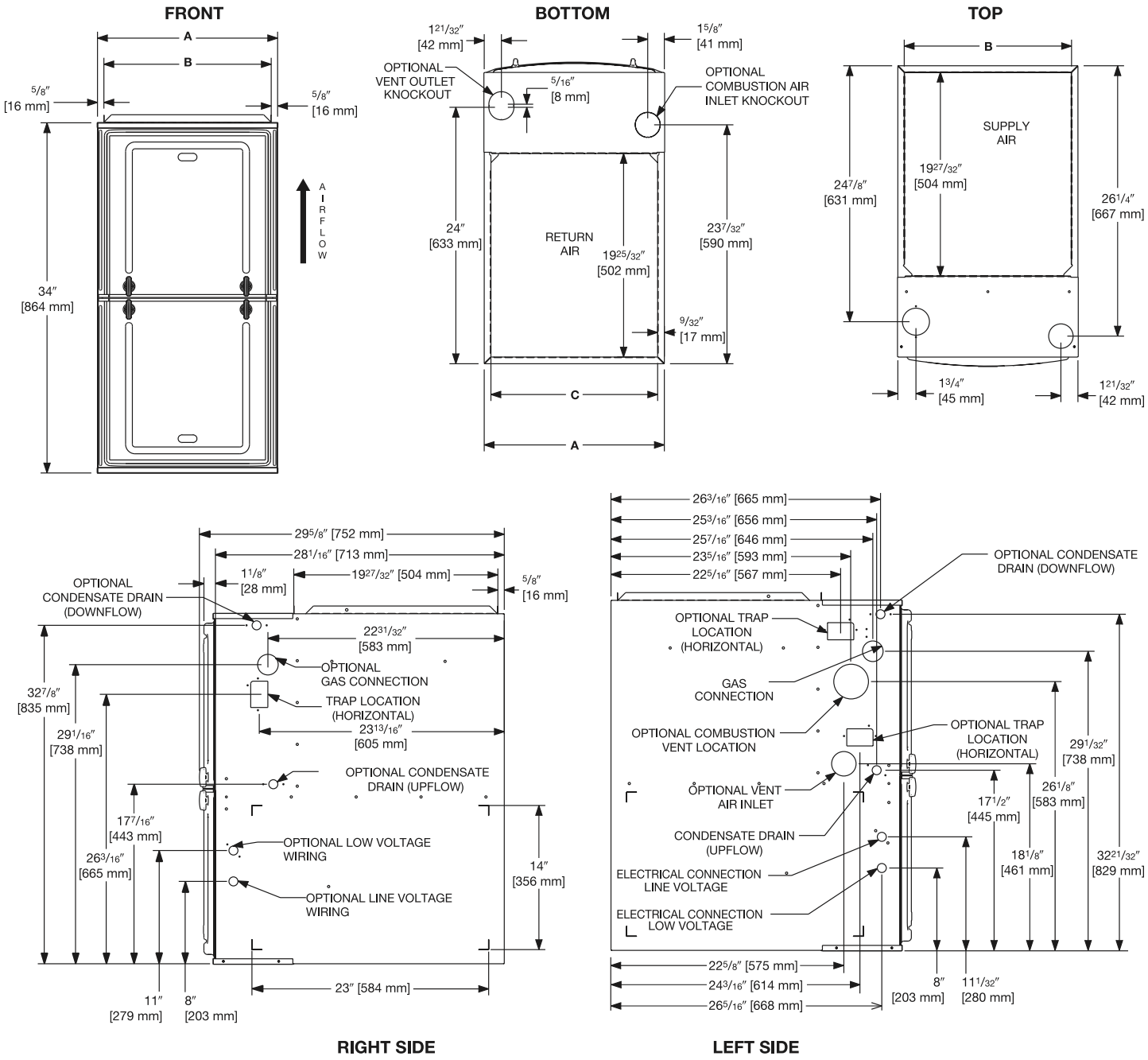
③ In accordance with D.O.E. test procedures.

NOTE: Standard model complies with California low nox requirements up to 40ng/J. This furnace does not meet air district requirements of 14 ng/J NOx emissions limit, and thus is subject to a mitigation fee of up to $450. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions

Multi-Position Application



Unit Dimensions (Clearance To Combustibles)

MODEL R921V	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]					SHIP WGTS.	FLANGE DIMENSIONS		
		RIGHT SIDE	BACK	TOP	FRONT	VENT		A	B	C
040	0	0	0	1 [25]	2 [51]	0	123.5 [56]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
060	0	0	0	1 [25]	2 [51]	0	128 [58]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
070	0	0	0	1 [25]	2 [51]	0	132 [60]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
070 (wide)	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	19 49/64 [502]	19 45/64 [500]
085	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	19 49/64 [502]	19 45/64 [500]
100	0	0	0	1 [25]	2 [51]	0	152 [69]	21 [533]	19 49/64 [502]	19 45/64 [500]
115	0	0	0	1 [25]	2 [51]	0	165 [75]	24 1/2 [662]	23 17/64 [591]	23 13/64 [589]

*A service clearance of at least 24" is recommended in front of all furnaces
Supply and return depicted as upflow configuration.
Flange configuration will vary depending on installation orientation.

[ ] Designates Metric Conversions

Blower Performance Data

GAS HEATING TARGET CFM [L/s]							
	R921V0403 A17M4SCAP	**R921V0603 A17M4SCAP**	**R921V0703 A17M4SCAP**	**R921V0705 A21M4SCAP**	**R921V0855 A21M4SCAP**	**R921V1005 A21M4SCAP**	**R921V1155 A24M4SCAP**
Furnace Hi Heat CFM A (factory)	990 [468]	1100 [520]	1000 [472]	1300 [614]	1574 [743]	1565 [739]	1575 [744]
Furnace Hi Heat CFM B (side return)	990 [468]	1100 [520]	1000 [472]	1300 [614]	1574 [743]	1565 [739]	1575 [744]
Furnace Hi Heat CFM C (Approx. +7°F)	891 [421]	990 [468]	900 [425]	1170 [553]	1417 [669]	1409 [665]	1418 [670]
Furnace Hi Heat CFM D (Approx. +12°F)	822 [388]	913 [431]	830 [392]	1079 [510]	1307 [617]	1299 [614]	1308 [618]

[ ] Designates Metric Conversions

Vent Termination Kits: =

RXGY-E02: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US Only)

RXGY-E02A: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US & Canadian)

RXGY-E03: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US Only)

RXGY-E03A: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US & Canadian)

RXGY-G02: Direct Vent Furnace Side Wall Vent 2" or 3" (US Only)

RXGY-D05: Combustion Air Drain Kit 2"

RXGY-D06: Combustion Air Drain Kit 3"

NEUTRALIZER KIT: RXGY-A01
(Replacement Cartridge 54-22120-01)

EXTERNAL BOTTOM FILTER (UPFLOW/HORIZONTAL) RACK: RXGF-CB

EXTERNAL SIDE (UPFLOW) FILTER RACK: RXGF-CD

EXTERNAL (DOWNFLOW) FILTER RACK: RXGF-CC

FILTER RACK FILTER SIZES* INCHES [mm]			
MODEL	**RXGF-CB (UPFLOW/ HORIZONTAL)**	**RXGF-CD (UPFLOW)**	**RXGF-CC (DOWNFLOW)**
R921V(-)040	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R921V(-)060	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R921V(-)070	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R921V(-)070 (wide)	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	12 x 20 [305 x 508]
R921V(-)085	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R921V(-)100	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R921V(-)115	22 3/4 x 25 [578 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]

Indoor Coil Casings

MODEL NUMBER
RXBC-D17A1
RXBC-D21A1
RXBC-D21B1
RXBC-D24A1

For High Altitudes:

NOTE: For Canadian installations only, an optional derate (manifold gas pressure reduction) method may be used to adjust the furnace for altitude. See Installation Instructions for more information. This optional method may **NOT** be used for U.S. installations. See installation instructions as appropriate orifice change is required.

L.P. CONVERSION KIT: RXGJ-FP38

CONDENSATE PUMP KIT: PROSTOCK & 1PCB151TUL

DOWNFLOW/HORIZONTAL CONVERSION KIT: RXGY-CK

DOWNFLOW/HORIZONTAL LEFT ZERO CLEARANCE CONVERSION KIT: RXGY-ZK

COMBUSTIBLE FLOOR BASE: RXGC-B17
RXGC-B21
RXGC-B24

[ ] Designates Metric Conversions

The new degree of comfort.®

Endeavor™ Line *Classic*® Series Gas Furnaces

R951T

95% A.F.U.E.†
Heating Stages: Single Stage
Motor Type: Constant Torque
Input Rates: 40 to 115 kBTU [11.72 to 33.71 kW]
Configuration Options: 4-Way Multi-Position

ISO 9001:2015 · AHRI CERTIFIED www.ahridirectory.org Unitary Small HP AHRI Standard 210/240 · ENERGY STAR* · c UL us LISTED

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

Table of Contents

Features and Benefits

- **PlusOne® Energy Efficiency:** ENERGY STAR® certified, featuring 95% AFUE across all model sizes
- **PlusOne® Diagnostics:** Industry-first, 7-Segment LED for quick and easy service
- **PlusOne® Ignition System:** Proven Direct Spart Ignition (DSI) for reliability and longevity
- **PlusOne® Water Management System:** Rheem-exclusive patented block drain sensor that automatically shuts off the furnace when the drain is blocked and alerts the contractor via diagnostic code

Gas Furnaces

R	95	1	T	040	3	A	17	M4	S	N	A	S
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	95 - 95% AFUE	1 - Single-Stage	T - Constant Torque	040 - 40,000 [11.7 kW] 060 - 60,000 [17.6 kW] 070 - 70,000 [20.5 kW] 085 - 85,000 [24.9 kW] 100 - 100,000 [29.3 kW] 115 - 115,000 [33.7 kW] 115 - 115,000 [33.7 kW]	3 - 3 ton drive 5 - 5 ton drive	A - 1st Design Series	17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width	M4 - Multi-4 Way	S - Standard	N - Non-Communicating	A - 1st Series	S - Second Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R951T0403A17M4SNAS
R951T0603A17M4SNAS
R951T0703A17M4SNAS
R951T0705A21M4SNAS
R951T0855A21M4SNAS
R951T1005A21M4SNAS
R951T1155A24M4SNAS

STANDARD EQUIPMENT
Redundant main gas control
Blower compartment door safety switch
Solid state time on/off blower control
Limit controls
Manual shut-off valve
100% safety lock out
Cool fan off delay
Field selectable heat fan off delay
One hour automatic retry
Power and self test diagnostics
Flame sense current diagnostics
Electronic air cleaner connections
Twinning (built-in) features
Humidifier connections
Low speed continuous fan option
Single speed option for heating and cooling applications
Transformer
Direct drive motor
Multi-speed constant torque electrically commutated blower motor
Solid bottom

WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications
U.S. and Canadian Models

MODEL NUMBERS	R951T 0403A17M4SCAP	R951T 0603A17M4SCAP	R951T 0703A17M4SCAP	R951T 0705A21M4SCAP	R951T 0855A21M4SCAP	R951T 1005A21M4SCAP	R951T 1155A24M4SCAP
HIGH FIRE INPUT BTU/HR [kW] ①	42,000 [12.30]	56,000 [16.41]	70,000 [20.51]	70,000 [20.51]	84,000 [24.61]	98,000 [28.72]	112,000 [32.82]
HEATING CAPACITY BTU/HR [kW]	39,900 [11.69]	53,200 [15.59]	66,500 [19.49]	66,500 [19.49]	79,800 [23.39]	93,100 [27.28]	106,400 [31.18]
HIGH ALTITUDE OUTPUT 10% DERATE [kW] ②	35,910 [10.52]	47,880 [14.03]	59,850 [17.54]	59,850 [17.54]	71,820 [21.05]	83,790 [24.56]	95,760 [28.06]
BLOWER (D x W) [mm]	11 x 7 [279 x 178]	11 x 8 [279 x 203]	11 x 8 [279 x 203]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 11 [279 x 279]
MOTOR H.P. [W]–TYPE	1/2 [373] 5 Spd Constant Torque	1/2 [373] 5 Spd Constant Torque	1/2 [373] 5 Spd Constant Torque	1 [746] 5 Spd Constant Torque	1 [746] 5 Spd Constant Torque	1 [746] 5 Spd Constant Torque	1 [746] 5 Spd Constant Torque
MIN. CIRCUIT AMPACITY	8	9	10	12	16	15	14
MIN. OVERLOAD PROTECTION DEVICE	15	15	15	15	20	20	20
MAX. OVERLOAD PROTECTION DEVICE	15	15	15	20	25	20	20
MINIMUM EXT. STATIC PRESSURE (IN. W.C.) [kPa]	.18 [.045]	.20 [.050]	.23 [.057]	.23 [.057]	.28 [.070]	.28 [.070]	.28 [.070]
MAXIMUM EXT. STATIC PRESSURE (IN. W.C.) [kPa]	.9 [0.224]	.9 [0.224]	.9 [0.224]	.9 [0.224]	.9 [0.224]	.9 [0.224]	.9 [0.224]
HEATING SPEED	MED-LOW	MED-LOW	MED	MED-LOW	MED-LOW	MED-LOW	MED
COOLING SPEED	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH
TEMPERATURE RISE- HIGH FIRE RANGE IN DEGREES °F [°C]	25 - 55 [14 -31]	35 - 65 [19 - 36]	40 - 70 [22 - 39]	30 - 60 [17 - 33]	35 - 65 [19 - 36]	40 - 70 [19 - 36]	45 - 75 [25 - 42]
APPROX. SHIPPING WEIGHT (LBS.) [kg]	123.5 [56]	128 [58]	132 [60]	139 [63]	147.5 [67]	152 [69]	165 [75]
AFUE ③	95.00%	95.00%	95.00%	95.00%	95.00%	95.00%	95.00%

NOTES: All models are 115V, 60HZ, 1 phase Gas connection size for all models is 1/2" [13 mm] N.P.T.
① Installation instructions for high altitude derate.
② Canadian installations only.
③ In accordance with D.O.E. test procedures.

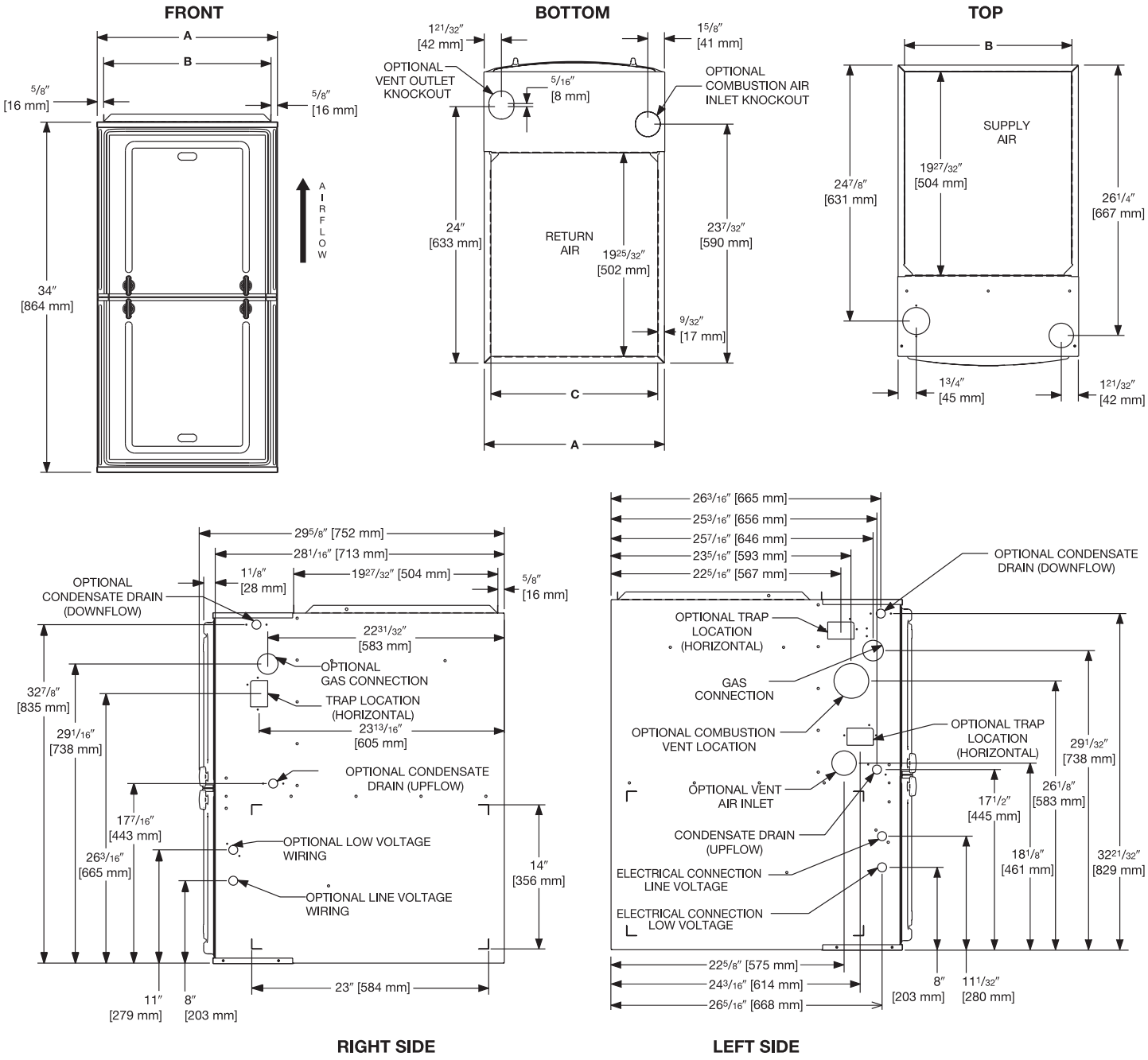
NOTE: Standard model complies with California low NOx requirements up to 40ng/J.

This furnace does not meet air district requirements of 14 ng/J NOx emissions limit, and thus is subject to a mitigation fee of up to $450. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions

Upflow Application



Dimensional Data: Upflow Model

MODEL R951T	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]					SHIP WGTS.	FLANGE DIMENSIONS		
		RIGHT SIDE	BACK	TOP	FRONT	VENT		A	B	C
040	0	0	0	1 [25]	2 [51]	0	123.5 [56]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
060	0	0	0	1 [25]	2 [51]	0	128 [58]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
070	0	0	0	1 [25]	2 [51]	0	132 [60]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
070 (wide)	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	19 49/64 [502]	19 45/64 [500]
085	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	19 49/64 [502]	19 45/64 [500]
100	0	0	0	1 [25]	2 [51]	0	152 [69]	21 [533]	19 49/64 [502]	19 45/64 [500]
115	0	0	0	1 [25]	2 [51]	0	165 [75]	24 1/2 [662]	23 17/64 [591]	23 13/64 [589]

*A service clearance of at least 24" is recommended in front of all furnaces
Supply and return depicted as upflow configuration.
Flange configuration will vary depending on installation orientation.

[ ] Designates Metric Conversions

Blower Performance Data

AIR FLOW PERFORMANCE - 95% SINGLE STAGE CONSTANT TORQUE											
INPUT [BTU] CABINET WIDTH [IN]	**AIRFLOW CONTROL SETTINGS**	**SPEED TAP/ WIRE COLORS**	**CFM AIR DELIVERY**									
			0.1	**0.2**	**0.3**	**0.4**	**0.5**	**0.6**	**0.7**	**0.8**	**0.9**	**1.0**
40K 17''	Factory Setting Fan	Low/Red	807	765	717	666	612	557	502	448	396	349
	Heat or Heat/Cool	Medium Low/Yellow	965	921	874	824	771	716	659	601	543	484
	Cool	Medium/Purple	1076	1035	994	953	910	864	913	758	697	630
	Cool	Medium High/Blue	1150	1108	1068	1030	991	951	908	860	806	745
	Factory Setting Cooling	High/Black	1298	1259	1220	1182	1144	1106	1067	1028	987	945
60K 17"	Factory Setting Fan	Low/Red	998	950	906	853	791	728	676	634	584	542
	Heat or Heat/Cool	Medium Low/Yellow	1060	1016	963	924	862	802	753	706	663	616
	Cool	Medium/Purple	1143	1104	1060	1016	970	930	873	820	769	725
	Cool	Medium High/Blue	1328	1293	1258	1220	1183	1142	1107	1069	1016	960
	Factory Setting Cooling	High/Black	1473	1441	1403	1366	1331	1295	1265	1236	1200	1159
70K 17"	Factory Setting Fan	Low/Red	635	602	564	524	482	440	399	362	329	302
	Cool	Medium Low/Yellow	1080	1035	985	931	874	816	759	704	654	610
	Heat or Heat/Cool	Medium/Purple	1222	1183	1138	1090	1039	985	931	877	824	774
	Cool	Medium High/Blue	1371	1330	1290	1251	1210	1169	1125	1078	1028	972
	Factory Setting Cooling	High/Black	1458	1421	1385	1349	1312	1274	1235	1193	1148	1101
70K 21"	Factory Setting Fan	Low/Red	1154	1105	1046	980	911	841	773	709	653	608
	Heat or Heat/Cool	Medium Low/Yellow	1450	1405	1357	1307	1255	1202	1147	1091	1036	981
	Cool	Medium/Purple	1583	1536	1490	1446	1401	1356	1308	1257	1203	1144
	Cool	Medium High/Blue	1750	1703	1662	1626	1591	1556	1520	1479	1432	1377
	Factory Setting Cooling	High/Black	1981	1931	1894	1865	1835	1797	1745	1671	1568	1428
85K 21"	Factory Setting Fan	Low/Red	1086	1022	931	855	812	734	679	606	559	526
	Heat or Heat/Cool	Medium Low/Yellow	1651	1611	1571	1518	1476	1434	1383	1311	1271	1208
	Cool	Medium /Purple	1755	1712	1670	1626	1596	1531	1490	1445	1421	1337
	Cool	Medium High/Blue	2042	1996	1971	1944	1901	1872	1849	1812	1767	1738
	Factory Setting Cooling	High/Black	2114	2082	2049	2009	1974	1940	1903	1821	1752	1633
100K 21"	Factory Setting Fan	Low/Red	1336	1274	1200	1156	1090	1019	965	916	852	796
	Heat or Heat/Cool	Medium Low/Yellow	1574	1521	14881	1423	1376	1327	1272	1218	1170	1114
	Cool	Medium/Purple	1683	1644	1609	1559	1521	1464	1427	1366	1313	1280
	Cool	Medium High/Blue	1843	1801	1771	1732	1696	1661	1611	1533	1531	1461
	Factory Setting Cooling	High/Black	2063	2018	1992	1943	1914	1875	1837	1807	1768	1726
115K 24"	Factory Setting Fan	Low/Red	1406	1336	1268	1196	1125	1078	1003	942	869	808
	Cool	Medium Low/Yellow	1561	1491	1423	1359	1304	1227	1171	1123	1071	1018
	Heat or Heat/Cool	Medium/Purple	1696	1645	1586	1533	1480	1407	1370	1305	1254	1220
	Cool	Medium High/Blue	1852	1801	1761	1701	1630	1591	1523	1466	1427	1362
	Factory Setting Cooling	High/Black	1996	1951	1890	1840	1799	1741	1666	1612	1602	1534

Vent Termination Kits: =

RXGY-E02: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US Only)

RXGY-E02A: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US & Canadian)

RXGY-E03: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US Only)

RXGY-E03A: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US & Canadian)

RXGY-G02: Direct Vent Furnace Side Wall Vent 2" or 3" (US Only)

RXGY-D05: Combustion Air Drain Kit 2"

RXGY-D06: Combustion Air Drain Kit 3"

NEUTRALIZER KIT: RXGY-A01
(Replacement Cartridge 54-22120-01)

EXTERNAL BOTTOM FILTER (UPFLOW/HORIZONTAL) RACK: RXGF-CB

EXTERNAL SIDE (UPFLOW) FILTER RACK: RXGF-CD

EXTERNAL (DOWNFLOW) FILTER RACK: RXGF-CC

FILTER RACK FILTER SIZES* INCHES [mm]			
MODEL	**RXGF-CB (UPFLOW/ HORIZONTAL)**	**RXGF-CD (UPFLOW)**	**RXGF-CC (DOWNFLOW)**
R91T(-)040	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R91T(-)060	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R91T(-)070	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R91T(-)070 (wide)	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	12 x 20 [305 x 508]
R91T(-)085	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R91T(-)100	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R91T(-)115	22 3/4 x 25 [578 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]

Indoor Coil Casings

MODEL NUMBER
RXBC-D17A1
RXBC-D21A1
RXBC-D21B1
RXBC-D24A1

For High Altitudes:

NOTE: For Canadian installations only, an optional derate (manifold gas pressure reduction) method may be used to adjust the furnace for altitude. See Installation Instructions for more information. This optional method may **NOT** be used for U.S. installations. See installation instructions as appropriate orifice change is required.

L.P. CONVERSION KIT: RXGJ-FP38

CONDENSATE PUMP KIT: PROSTOCK & 1PCB151TUL

DOWNFLOW/HORIZONTAL CONVERSION KIT: RXGY-CK

DOWNFLOW/HORIZONTAL LEFT ZERO CLEARANCE CONVERSION KIT: RXGY-ZK

COMBUSTIBLE FLOOR BASE: RXGC-B17
RXGC-B21
RXGC-B24

[ ] Designates Metric Conversions

The new degree of comfort.®

Endeavor™ Line *Classic*® Series Gas Furnaces

This product meets a stringent set of our internally defined sustainability standards

R951V

95% A.F.U.E.†
EcoNet® Enabled
Heating Stages: Single Stage
Motor Type: Constant CFM
Input Rates: 40 to 115 kBTU [11.7 to 33.7 kW]
Configuration Options: 4-Way Multi-Position

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

Table of Contents

Features and Benefits

- **PlusOne® Energy Efficiency:** ENERGY STAR® certified, featuring 95% AFUE across all model sizes
- **PlusOne® Diagnostics:** With the Rheem Contractor & EcoNet® Apps, built-in EcoNet® & Bluetooth technology makes monitoring, troubleshooting and repairing the product easier than ever before
- **Dip Switch Free Installation Commissioning via Bluetooth Technology:** Seamless final install step without DIP switch configuration using the Rheem Contractor App
- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **PlusOne® Water Management System:** Rheem-exclusive patented block drain sensor that automatically shuts off the furnace when the drain is blocked, and also alerts the contractor via diagnostic code
- **Constant CFM Motor:** Truly variable speed technology allows for ultimate humidity control, quieter sound levels and year-round energy savings
- **Quieter Operation[1]:** A fully insulated blower cabinet, solid bottom and truly variable speed airflow technology makes this furnace one of the quieter options available
- **EcoNet® Enabled Furnace:** The latest in sensor technology and the EcoNet® monitoring system provides a new level of protection, control and energy savings
- **Allows on-the-go control** and receipt of system alerts by the homeowner via the EcoNet® Smart Thermostat and Econet® App[2]

1 Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

2 Wifi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet® Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alex and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Gas Furnaces

R	95	1	V	040	3	A	17	M4	S	C	A	P
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	95 - 95% AFUE	1 - Single Stage	V - ECM Variable Speed	040 - 40K BTUH [11.7 kW] 060 - 76K BTUH [22.3 kW] 070 - 70K BTUH [20.5 kW] 085 - 85K BTUH [24.9 kW] 100 - 100K BTUH [29.3 kW] 115 - 115K BTUH [33.7 kW]	3 - 3 ton drive 5 - 5 ton drive	A - 1st Design Series	17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width	M4 - Multi-4 Way	S - Standard	C - Communicating, EcoNet®, Bluetooth	A - 1st Series	P - Premium Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R951V0403A17M4SCAP
R951V0603A17M4SCAP
R951V0703A17M4SCAP
R951V0705A21M4SCAP
R951V0855A21M4SCAP
R951V1005A21M4SCAP
R951V1155A24M4SCAP

STANDARD EQUIPMENT
Completely assembled and wired
Bluetooth setup
Bluetooth diagnostics
Bluetooth setup and diagnostics
Marked condensate hoses
Aluminized steel primary heat exchanger design
29-4C stainless steel secondary heat exchanger design
Induced draft motor
Pressure switch
Redundant main gas control
Blower compartment door safety switch
Solid statetime on/off blower control
Limit controls
Manual shut-off valve
100% safety lock out
Adjustable cool fan off delay
One hour automatic retry
Power and self test diagnostics
Flame sense current diagnostics
Electronic air cleaner connections
Twinning (built-in) features
Low speed continuous fan option
Single speed heating
Two speed cooling
Direct drive motor
PWM controlled constant CFM electrically commutated blower motor
Multi-speed constant CFM motor
Solid bottom

WARNING
THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications
U.S. and Canadian Models

MODEL NUMBERS	R951V0403 A17M4SCAP	R951V0603 A17M4SCAP	R951V0703 A17M4SCAP	R951V0705 A21M4SCAP	R951V0855 A21M4SCAP	R951V1005 A21M4SCAP	R951V1155 A24M4SCAP
High Fire Input BTU/HR [kW] ①	42,000 [12.30]	56,000 [16.41]	70,000 [20.51]	70,000 [20.51]	84,000 [24.61]	98,000 [28.72]	112,000 [32.82]
Heating Capacity BTU/HR [kW]	39,900 [11.69]	53,200 [15.59]	66,500 [19.49]	66,500 [19.49]	79,800 [23.39]	93,100 [27.28]	106,400 [31.18]
High Altitude Output 10% Derate [kW] ②	35,910 [10.52]	47,880 [14.03]	59,850 [17.54]	59,850 [17.54]	71,820 [21.05]	83,790 [24.56]	95,760 [28.06]
Blower (D x W) [mm]	11 x 7 [279 x 178]	11 x 8 [279 x 203]	11 x 8 [279 x 203]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 11 [279 x 279]
Motor H.P. [W]–Type	1/2 [373] VS-CT (ECM)	1/2 [373] VS-CT (ECM)	1/2 [373] VS-CT (ECM)	1 [746] VS-CT (ECM)	1 [746] VS-CT (ECM)	1 [746] VS-CT (ECM)	1 [746] VS-CT (ECM)
Min. Circuit Ampacity	10	10	10	17	17	17	17
Min. Overload Protection Device	15	15	15	25	25	25	25
Max. Overload Protection Device	15	15	15	20	20	20	20
Motor Full Load Amps	5.8	5.8	5.8	11.1	11.1	11.1	11.1
Minimum Ext. Static Pressure (In. W.C.) [kPa]	.18 [.045]	.20 [.050]	.23 [.057]	.23 [.057]	.28 [.070]	.28 [.070]	.28 [.070]
Maximum Ext. Static Pressure (In. W.C.) [kPa]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]	1.0 [0.25]
Heating CFM [L/s]	990 [468]	1100 [520]	1000 [472]	1300 [614]	1574 [743]	1565 [739]	1575 [744]
Max. Cooling CFM [L/s]	1240 [585]	1240 [585]	1240 [585]	1980 [934]	1980 [934]	1980 [934]	1980 [934]
Min. Cooling CFM [L/s]	300 [142]	300 [142]	300 [142]	500 [236]	500 [236]	500 [236]	500 [236]
Fan CFM [L/s]	600 [283]	600 [283]	600 [283]	1000 [472]	1000 [472]	1000 [472]	1000 [472]
Temperature Rise-High Fire Range In Degrees °F [°C]	20 - 50 [11 - 28]	30 - 60 [17 - 33]	40 - 70 [22 - 39]	30 - 60 [17 - 33]	30 - 60 [17 - 33]	40 - 70 [22 - 39]	45 - 75 [25 - 42]
Approx. Shipping Weight (Lbs.) [kg]	123.5 [56]	128 [58]	132 [60]	139 [63]	147.5 [67]	152 [69]	165 [75]
AFUE ③	95.00%	95.00%	95.00%	95.00%	95.00%	95.00%	95.00%

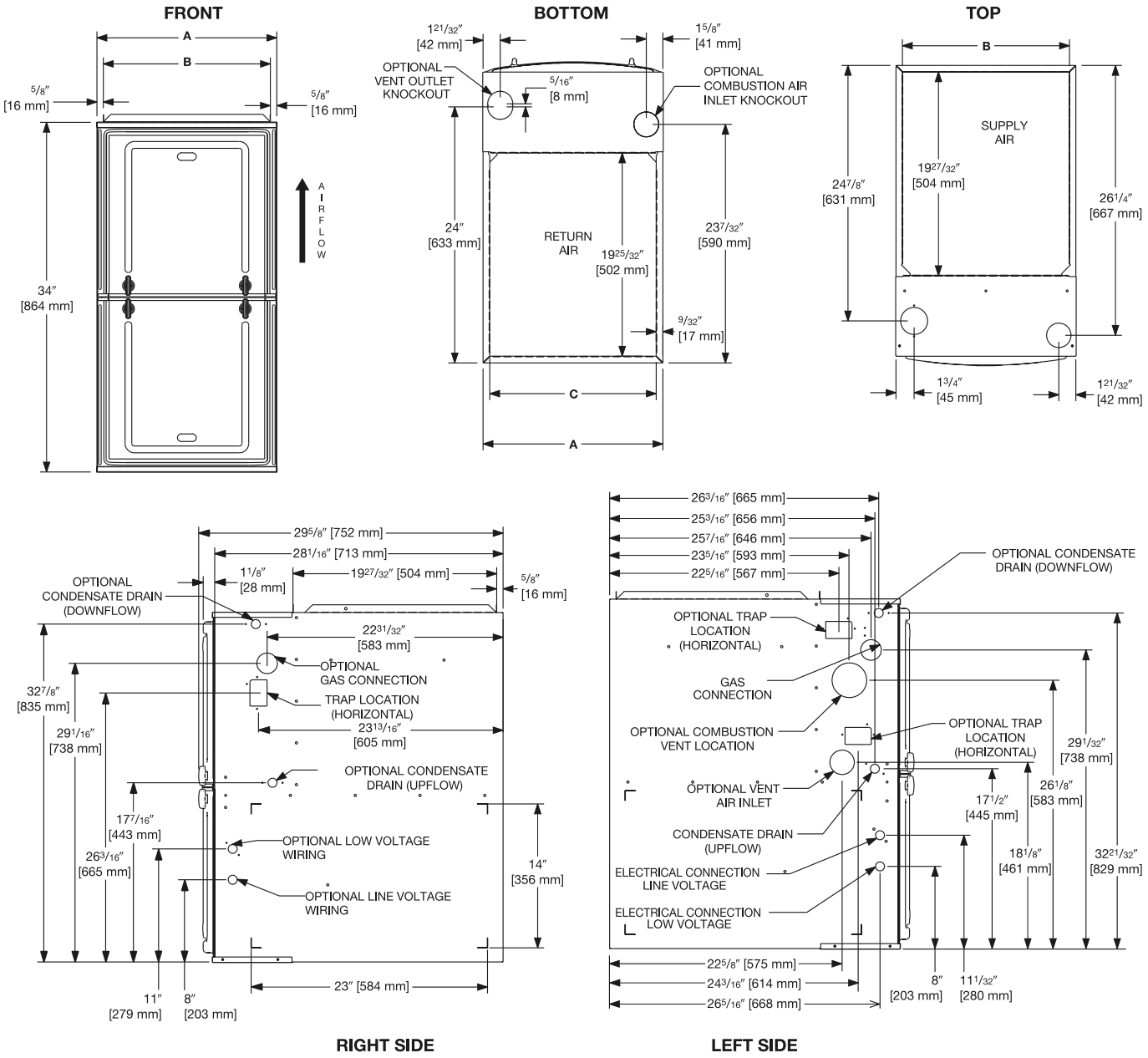
NOTES: All models are 115V, 60HZ, 1 phase Gas connection size for all models is 1/2" [13 mm] N.P.T.
① Installation instructions for high altitude derate.
② Canadian installations only.
③ In accordance with D.O.E. test procedures.
Standard model complies with California low NOx requirements up to 40ng/J.

This furnace does not meet air district requirements of 14 ng/J NOx emissions limit. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions

Multi-position Application



RIGHT SIDE **LEFT SIDE**

Unit Dimensions (Clearance to Combustibles)

MODEL R951V	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]					SHIP WGTS.	FLANGE DIMENSIONS		
		RIGHT SIDE	BACK	TOP	FRONT	VENT		A	B	C
040	0	0	0	1 [25]	2 [51]	0	123.5 [56]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
060	0	0	0	1 [25]	2 [51]	0	128 [58]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
070	0	0	0	1 [25]	2 [51]	0	132 [60]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
070 (wide)	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	19 49/64 [502]	19 45/64 [500]
085	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	19 49/64 [502]	19 45/64 [500]
100	0	0	0	1 [25]	2 [51]	0	152 [69]	21 [533]	19 49/64 [502]	19 45/64 [500]
115	0	0	0	1 [25]	2 [51]	0	165 [75]	24 1/2 [662]	23 17/64 [591]	23 13/64 [589]

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.
② May be 0" [0 mm] with type B vent.
③ May be 1" [25 mm] with type B vent.
Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[ ] Designates Metric Conversions

Blower Performance Data

GAS HEATING TARGET CFM [L/s]							
	R951V0403 A17M4SCAP	**R951V0603 A17M4SCAP**	**R951V0703 A17M4SCAP**	**R951V0705 A21M4SCAP**	**R951V0855 A21M4SCAP**	**R951V1005 A21M4SCAP**	**R951V1155 A24M4SCAP**
Furnace Hi Heat CFM A (factory)	990 [468]	1100 [520]	1000 [472]	1300 [614]	1574 [743]	1565 [739]	1575 [744]
Furnace Hi Heat CFM B (side return)	990 [468]	1100 [520]	1000 [472]	1300 [614]	1574 [743]	1565 [739]	1575 [744]
Furnace Hi Heat CFM C (Approx. +7°F)	891 [421]	990 [468]	900 [425]	1170 [553]	1417 [669]	1409 [665]	1418 [670]
Furnace Hi Heat CFM D (Approx. +12°F)	822 [388]	913 [431]	830 [392]	1079 [510]	1307 [617]	1299 [614]	1308 [618]

[ ] Designates Metric Conversions

Vent Termination Kits: =

RXGY-E02: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US Only)

RXGY-E02A: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US & Canadian)

RXGY-E03: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US Only)

RXGY-E03A: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US & Canadian)

RXGY-G02: Direct Vent Furnace Side Wall Vent 2" or 3" (US Only)

RXGY-D05: Combustion Air Drain Kit 2"

RXGY-D06: Combustion Air Drain Kit 3"

NEUTRALIZER KIT: RXGY-A01
(Replacement Cartridge 54-22120-01)

EXTERNAL BOTTOM FILTER (UPFLOW/HORIZONTAL) RACK: RXGF-CB

EXTERNAL SIDE (UPFLOW) FILTER RACK: RXGF-CD

EXTERNAL (DOWNFLOW) FILTER RACK: RXGF-CC

FILTER RACK FILTER SIZES* INCHES [mm]			
MODEL	**RXGF-CB (UPFLOW/ HORIZONTAL)**	**RXGF-CD (UPFLOW)**	**RXGF-CC (DOWNFLOW)**
R951V(-)040	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R951V(-)060	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R951V(-)070	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R951V(-)070 (wide)	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	12 x 20 [305 x 508]
R951V(-)085	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R951V(-)100	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]
R951V(-)115	22 3/4 x 25 [578 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]

Indoor Coil Casings

MODEL NUMBER
RXBC-D17A1
RXBC-D21A1
RXBC-D21B1
RXBC-D24A1

For High Altitudes:

NOTE: For Canadian installations only, an optional derate (manifold gas pressure reduction) method may be used to adjust the furnace for altitude. See Installation Instructions for more information. This optional method may **NOT** be used for U.S. installations. See installation instructions as appropriate orifice change is required.

L.P. CONVERSION KIT: RXGJ-FP38

CONDENSATE PUMP KIT: PROSTOCK & 1PCB151TUL

DOWNFLOW/HORIZONTAL CONVERSION KIT: RXGY-CK

DOWNFLOW/HORIZONTAL LEFT ZERO CLEARANCE CONVERSION KIT: RXGY-ZK

COMBUSTIBLE FLOOR BASE: RXGC-B17
RXGC-B21
RXGC-B24

[ ] Designates Metric Conversions

EcoNet®

THE ECONET® SMART THERMOSTAT

RETST700SYS

BUILT-IN WIFI

4.3″ LCD TOUCH SCREEN

LOCAL WEATHER – Current conditions plus 6-day forecast

5 OPERATING MODES – Heat, Cool, Auto, Emergency Heat and Fan Only

7-DAY PROGRAMMABLE SCHEDULE – Offers comfort without thought

ONE-TOUCH AWAY – Quickly switch to your energy-saving away preferences

VACATION SCHEDULING – Allows you to save while you're away and come home to comfort

STANDBY SCREEN – Displays indoor temperature and current weather

OPERATIONAL FEATURES

AUTOMATIC CHANGEOVER – Transitions between heating and cooling automatically to keep the house comfortable

INTEGRATED WATER CONTROL – Enables easy water heater management

SMOOTH ARRIVAL – Prompts the system to start ahead of schedule to ensure the home is at the desired temperature at the scheduled time

HUMIDITY CONTROL – Supports humidifier accessories or over-cool based dehumidification

DETAILED OPERATING STATUS – View pertinent equipment status information and run times

CONTINUOUS FAN – Offers 5 speeds (Low, Medium Low, Medium, Medium High, High)

SHORT-CYCLE PROTECTION – Avoids damage to equipment from short run cycles

MONITORING & REMOTE CONTROL FEATURES

ACTIVE MONITORING – Alerts to problems that need immediate attention

REMOTE CONTROL – Allows adjusting of comfort and settings from anywhere using a mobile device

SERVICE ALERTS – Sends routine maintenance reminders

AIR FILTER MONITORING – Detects when it's time to replace the air filter

ALARM HISTORY – Displays time-stamped alarm codes with clear descriptions

The new degree of comfort.®

Endeavor™ Line *Classic Plus*® Series Gas Furnaces

This product meets a stringent set of our internally defined sustainability standards

R962V

96% A.F.U.E.†
EcoNet® Enabled
Heating Stages: Two-Stage
Motor Type: Constant CFM
Input Rates: 40 to 115 kBTU [11.7 to 33.7 kW]
Configuration Options: 4-Way Multi-Position

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

Table of Contents

Features and Benefits

- **PlusOne® Energy Efficiency:** ENERGY STAR® certified, featuring 96% AFUE across all model sizes
- **PlusOne® Diagnostics:** With the Rheem Contractor & EcoNet® Apps, built-in EcoNet® & Bluetooth technology makes monitoring, troubleshooting and repairing the product easier than ever before
- **Dip Switch Free Installation Commissioning via Bluetooth Technology:** Seamless final install step without DIP switch configuration using the Rheem Contractor App
- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **PlusOne® Water Management System:** Exclusive patented block drain sensor that automatically shuts off the furnace when the drain is blocked and alerts the contractor via diagnostic code
- **Two-Stage Heating:** Furnace operation mainly stays at low capacity around 60-65%, but will switch to high capacity to deliver stable heat distribution
- **Constant CFM Motor:** Truly variable speed technology allows for ultimate humidity control, quieter sound levels and year-round energy savings
- **Quieter Operation[1]:** A fully insulated blower cabinet, solid bottom and truly variable speed airflow technology makes this furnace one of the quieter options available
- **EcoNet® Enabled Furnace:** The latest in sensor technology and the EcoNet® monitoring system provides a new level of protection, control and energy savings
- **Allows on-the-go control** and receipt of system alerts by the homeowner via the EcoNet® Smart Thermostat and Econet® App[2]

1 Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

2 Wifi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet® Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alex and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Gas Furnaces

R	96	2	V	040	3	A	17	M4	S	C	A	P
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	96 - 96% AFUE	2 - Two-Stage	V - ECM Variable Speed	040 - 40,000 [11.7 kW] 060 - 60,000 [17.6 kW] 070 - 70,000 [20.5 kW] 075 - 75,000 [22.0 kW] 085 - 85,000 [24.9 kW] 100 - 100,000 [29.3 kW] 115 - 115,000 [33.7 kW]	3 - 3 ton drive 5 - 5 ton drive	A - 1st Design Series	17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width	M4 - Multi-4 Way	S - Standard	C - Communicating, EcoNet®, Bluetooth	A - 1st Series	P - Premium Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R962V0403A17M4SCAP
R962V0603A17M4SCAP
R962V0703A17M4SCAP
R962V0705A21M4SCAP
R962V0855A21M4SCAP
R962V1005A21M4SCAP
R962V1155A24M4SCAP

STANDARD EQUIPMENT
Pressure switches
Redundant 2 stage main gas control
Blower compartment door safety switch
Solid state time on/off blower control
Limit controls
Manual shut-off valve
100% safety lock out
Adjustable cool fan off delay
One hour automatic retry
Power and self test diagnostics
Flame sense current diagnostics
Electronic air cleaner connections
Twinning (built-in) features
Humidifier connections
Adjustable humidifier on/off delay
Low speed continuous fan option
Two speed heating
Two speed cooling
Direct drive motor
PWM controlled constant CFM electrically commutated blower motor
Multi-speed constant CFM electrically commutated blower motor
Solid bottom

NOTE: A thermostat is not included as standard equipment.

WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications

U.S. and Canadian Models

MODEL NUMBERS	R962V0403 A17M4CAP	R962V0603 A17M4SCAP	R962V0703 A17M4SCAP	R962V0705 A21M4SCAP	R962V0855 A21M4SCAP	R962V1005 A21M4SCAP	R962V1155A 24M4SCAP
HIGH FIRE INPUT BTU/HR [kW] ①	42,000 [12.31]	56,000 [16.41]	70,000 [20.50]	70,000 [20.50]	84,000 [24.61]	98,000 [28.72]	112,000 [32.82]
LOW FIRE INPUT	29,400 [8.61]	39,200 [11.49]	49,000 [14.36]	49,000 [14.36]	58,800 [17.23]	68,600 [20.11]	78,400 [23.00]
HEATING CAPACITY BTU/HR [kW]	41,000 [12.02]	55,000 [16.12]	68,000 [19.93]	68,000 [19.93]	82,000 [24.03]	95,000 [27.84]	109,000 [31.94]
HIGH ALTITUDE OUTPUT 10% DERATE [kW] ②	36,288 [10.64]	48,384 [14.18]	60,480 [17.72]	60,480 [17.72]	72,756 [21.27]	84,672 [24.81]	96,768 [28.36]
BLOWER (D x W) [mm]	11 x 7 [279 x 178]	11 x 8 [279 x 203]	11 x 8 [279 x 203]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 11 [279 x 279]
MOTOR H.P. [W]–TYPE	1/2 [373] VS-CT(ECM)	1/2 [373] VS-CT(ECM)	1/2 [373] VS-CT(ECM)	1 [746] VS-CT(ECM)	1 [746] VS-CT(ECM)	1 [746] VS-CT(ECM)	1 [746] VS-CT(ECM)
MIN. CIRCUIT AMPACITY	8	8	8	12	12	12	12
MIN. OVERLOAD PROTECTION DEVICE	15	15	15	20	20	15	15
MAX. OVERLOAD PROTECTION DEVICE	15	15	15	20	20	15	15
MINIMUM EXT. STATIC PRESSURE (IN. W.C.) [kPa]	.18 [.045]	.20 [.050]	.23 [.057]	.23 [.057]	.28 [.070]	.28 [.070]	.28 [.070]
MAXIMUM EXT. STATIC PRESSURE (IN. W.C.) [kPa]	0.9 [0.22]	0.9 [0.22]	0.9 [0.22]	0.9 [0.22]	0.9 [0.22]	0.9 [0.22]	0.9 [0.22]
HEATING HI CFM [L/s]	1150 [543]	1250 [590]	1000 [472]	1332 [629l]	1850 [873]	1965 [927]	1700 [802]
HEATING LO CFM [L/s]	870 [411]	1025 [484]	875 [413]	1121 [529]	1470 [694]	1710 [807]	1450 [684l]
COOLING HI CFM [L/s]	1125 [531]	1125 [531]	1125 [531]	1800 [850]	1800 [850]	1800 [850]	1800 [850]
COOLING LOCFM [L/s]	731 [345]	731 [345]	731 [345]	1170 [552]	1170 [552]	1170 [552]	1170 [552]
TEMPERATURE RISE-HIGH FIRE RANGE IN DEGREES °F [°C]	20 - 50 [11 - 28]	30 - 60 [17 - 33]	40 - 70 [22 - 39]	30 - 60 [17 - 33]	30 - 60 [17 - 33]	40 - 70 [22 - 39]	45 - 75 [25 - 42]
TEMPERATURE RISE-LOW FIRE RANGE IN DEGREES °F [°C]	15 - 45 [8 - 25]	20 - 50 [11 - 28]	30 - 60 [17 - 33]	20 - 50 [11 - 28]	20 - 50 [11 - 28]	30 - 60 [17 - 33]	35 - 63 [19 - 36]
APPROX. SHIPPING WEIGHT	128 [58]	128 [58]	132 [60]	139 [63]	147.5 [67]	152 [69]	165 [75]
AFUE ③	96.00%	96.00%	96.00%	96.00%	96.00%	96.00%	96.00%

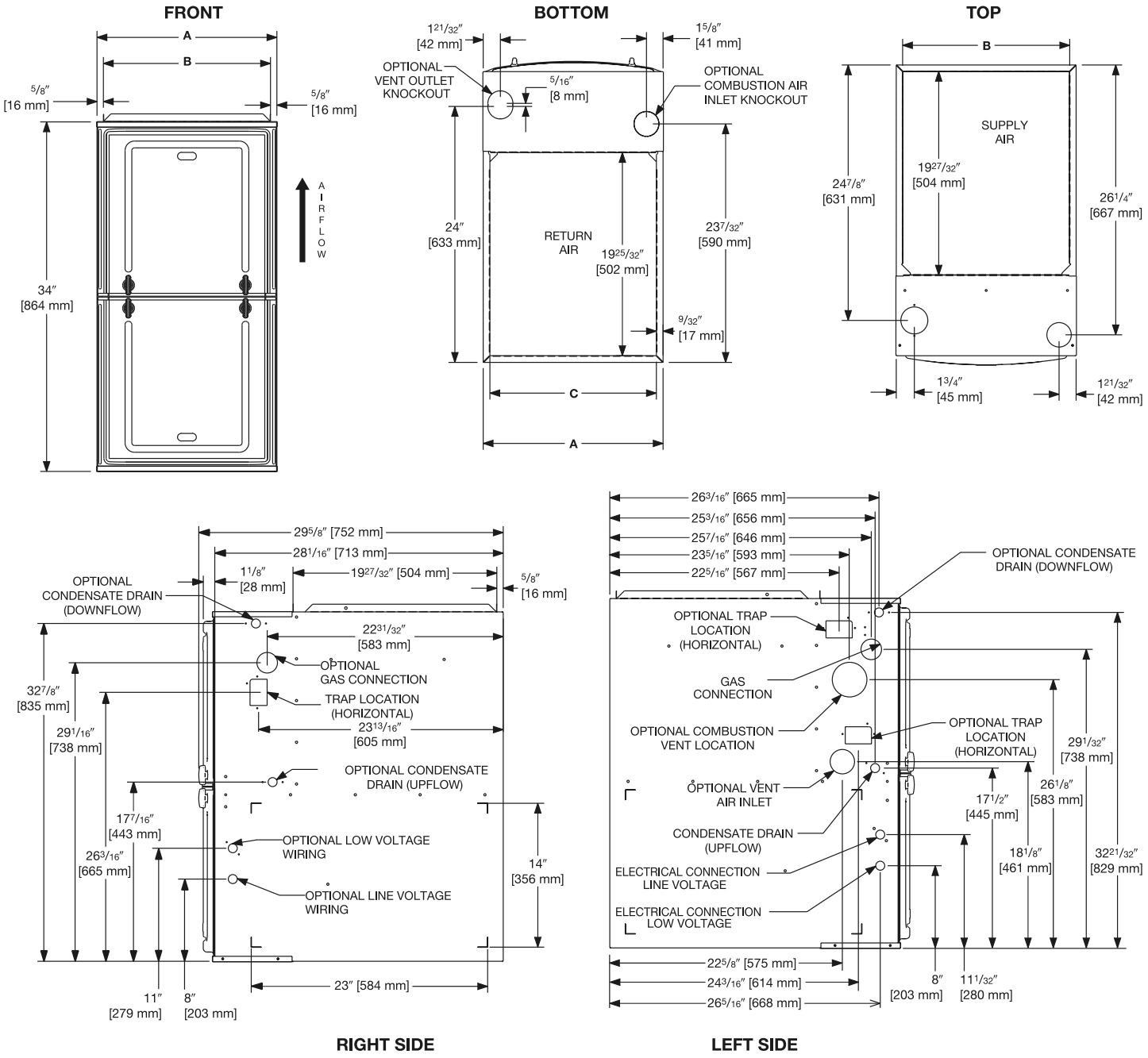
NOTES: All models are 115V, 60HZ, 1 phase. Gas connection size for all models is 1/2" [13 mm] N.P.T.
① Installation instructions for high altitude derate.
② Canadian installations only.
③ In accordance with D.O.E. test procedures.
NOTE: Standard model complies with California low NOx requirements up to 40ng/J.

This furnace does not meet air district requirements of 14 ng/J NOx emissions limit. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions

Multi-Position Application



Unit Dimensions (Clearance to Combustibles)

MODEL R962V	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]					SHIP WGTS.	FLANGE DIMENSIONS		
		RIGHT SIDE	BACK	TOP	FRONT	VENT		A	B	C
040	0	0	0	1 [25]	2 [51]	0	123.5 [56]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
060	0	0	0	1 [25]	2 [51]	0	128.0 [58]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
070	0	0	0	1 [25]	2 [51]	0	132.0 [60]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
070 (wide)	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	19 49/64 [502]	19 45/64 [500]
085	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	19 49/64 [502]	19 45/64 [500]
100	0	0	0	1 [25]	2 [51]	0	152.0 [69]	21 [533]	19 49/64 [502]	19 45/64 [500]
115	0	0	0	1 [25]	2 [51]	0	165.0 [75]	24 1/2 [662]	23 17/63 [591]	23 13/64 [589]

[ ] Designates Metric Conversions

Blower Performance Data

GAS HEATING TARGET CFM [L/s]							
	R962V0403 A17M4SCAP	**R962V0603 A17M4SCAP**	**R962V0703 A17M4SCAP**	**R962V0705 A21M4SCAP**	**R962V0855 A21M4SCAP**	**R962V1005 A21M4SCAP**	**R962V1155 A24M4SCAP**
Furnace Lo Heat CFM A (factory)	870 [411]	900 [425]	1070 [505]	1100 [520]	1475 [697]	1320 [623]	1400 [661]
Furnace Lo Heat CFM B (side return)	870 [411]	900 [425]	1070 [505]	1100 [520]	1475 [697]	1320 [623]	1400 [661]
Furnace Lo Heat CFM C (Approx. +7°F)	766 [362]	792 [374]	941.6 [445]	968 [457]	1298 [613]	1161.6 [549]	1232 [582]
Furnace Lo Heat CFM D (Approx. +12°F)	705 [333]	729 [345]	867 [410]	891 [421]	1195 [564]	1070 [505]	1134 [536]
Furnace Hi Heat CFM A (factory)	990 [468]	1100 [520]	1000 [472]	1300 [614]	1574 [743]	1565 [739]	1575 [744]
Furnace Hi Heat CFM B (side return)	990 [468]	1100 [520]	1000 [472]	1300 [614]	1574 [743]	1565 [739]	1575 [744]
Furnace Hi Heat CFM C (Approx. +7°F)	891 [421]	990 [468]	900 [425]	1170 [553]	1417 [669]	1409 [665]	1418 [670]
Furnace Hi Heat CFM D (Approx. +12°F)	822 [388]	913 [431]	830 [392]	1079 [510]	1307 [617]	1299 [614]	1308 [618]

[ ] Designates Metric Conversions

Vent Termination Kits: =

RXGY-E02: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US Only)

RXGY-E02A: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US & Canadian)

RXGY-E03: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US Only)

RXGY-E03A: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US & Canadian)

RXGY-G02: Direct Vent Furnace Side Wall Vent 2" or 3" (US Only)

RXGY-D05: Combustion Air Drain Kit 2"

RXGY-D06: Combustion Air Drain Kit 3"

NEUTRALIZER KIT: RXGY-A01
(Replacement Cartridge 54-22120-01)

FOSSIL FUEL KIT: RXPF-F01, RXPF-F02 (TVA)

EXTERNAL BOTTOM FILTER (UPFLOW/HORIZONTAL) RACK: RXGF-CB

EXTERNAL SIDE (UPFLOW) FILTER RACK: RXGF-CD

EXTERNAL (DOWNFLOW) FILTER RACK: RXGF-CC

FILTER RACK FILTER SIZES* INCHES [mm]			
MODEL	**RXGF-CB (UPFLOW/ HORIZONTAL)**	**RXGF-CD (UPFLOW)**	**RXGF-CC (DOWNFLOW)**
R962V040	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	12 x 20 [305 x 508]
R962V060	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	12 x 20 [305 x 508]
R962V070	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]	12 x 20 [305 x 508]
R962V070 (wide)	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	12 x 20 [305 x 508]
R962V085	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	12 x 20 [305 x 508]
R962V100	19 1/4 x 25 [489 x 635]	15 3/4 x 25 [400 x 635]	12 x 20 [305 x 508]
R962V115	22 3/4 x 25 [578 x 635]	15 3/4 x 25 [400 x 635]	14 x 20 [356 x 508]

*Filter racks are shipped without filters.
Filters shipped with furnace may be used or a suitable 1" [25.4 mm] filter.

Indoor Coil Casings

MODEL NUMBER
RXBC-D17A1
RXBC-D21A1
RXBC-D21B1
RXBC-D24A1

For High Altitudes:

NOTE: For Canadian installations only, an optional derate (manifold gas pressure reduction) method may be used to adjust the furnace for altitude. See Installation Instructions for more information. This optional method may **NOT** be used for U.S. installations. See installation instructions as appropriate orifice change is required.

L.P. CONVERSION KIT: RXGJ-FP34

CONDENSATE PUMP KIT: PROSTOCK & 1PCB151TUL

DOWNFLOW/HORIZONTAL CONVERSION KIT: RXGY-CK

DOWNFLOW/HORIZONTAL LEFT ZERO CLEARANCE CONVERSION KIT: RXGY-ZK

COMBUSTIBLE FLOOR BASE: RXGC-B17
RXGC-B21
RXGC-B24

[ ] Designates Metric Conversions

EcoNet®

THE ECONET® SMART THERMOSTAT

RETST700SYS

BUILT-IN WIFI

4.3″ LCD TOUCH SCREEN

LOCAL WEATHER – Current conditions plus 6-day forecast

5 OPERATING MODES – Heat, Cool, Auto, Emergency Heat and Fan Only

7-DAY PROGRAMMABLE SCHEDULE – Offers comfort without thought

ONE-TOUCH AWAY – Quickly switch to your energy-saving away preferences

VACATION SCHEDULING – Allows you to save while you're away and come home to comfort

STANDBY SCREEN – Displays indoor temperature and current weather

OPERATIONAL FEATURES

AUTOMATIC CHANGEOVER – Transitions between heating and cooling automatically to keep the house comfortable

INTEGRATED WATER CONTROL – Enables easy water heater management

SMOOTH ARRIVAL – Prompts the system to start ahead of schedule to ensure the home is at the desired temperature at the scheduled time

HUMIDITY CONTROL – Supports humidifier accessories or over-cool based dehumidification

DETAILED OPERATING STATUS – View pertinent equipment status information and run times

CONTINUOUS FAN – Offers 5 speeds (Low, Medium Low, Medium, Medium High, High)

SHORT-CYCLE PROTECTION – Avoids damage to equipment from short run cycles

MONITORING & REMOTE CONTROL FEATURES

ACTIVE MONITORING – Alerts to problems that need immediate attention

REMOTE CONTROL – Allows adjusting of comfort and settings from anywhere using a mobile device

SERVICE ALERTS – Sends routine maintenance reminders

AIR FILTER MONITORING – Detects when it's time to replace the air filter

ALARM HISTORY – Displays time-stamped alarm codes with clear descriptions

The new degree of comfort.®

Endeavor™ Line *Prestige*® Series Gas Furnaces

This product meets a stringent set of our internally defined sustainability standards

EcoNet®

R97MV

97% A.F.U.E.†
EcoNet® Enabled
Heating Stages: Modulating
Motor Type: Constant CFM
Input Rates: 60 to 115 kBTU [11.6 to 33.7 kW]
Configuration Options: Downflow/Horizontal

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

Table of Contents

Features and Benefits

- **PlusOne® Energy Efficiency:** ENERGY STAR® certified, featuring 97% AFUE across all model sizes
- **PlusOne® Diagnostics:** Industry first, 7-Segment LED Display makes service calls quick and easy
- **PlusOne® Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **PlusOne® Water Management System:** Exclusive patented block drain sensor that automatically shuts off the furnace when the drain is blocked and alerts the contractor via diagnostic code
- **Modulating Heating Stage:** Gradual auto-adjustment from low to 100% of capacity to meet precise comfort requirements
- **Constant CFM Motor:** Truly variable speed technology allows for ultimate humidity control, quieter sounds levels and year-round energy savings
- **Quietest Operation[1]:** A fully insulated blower cabinet, solid bottom and truly variable speed airflow technology makes this furnace of the quietest available
- **EcoNet® Enabled Furnace:** The latest in sensor technology and the EcoNet® monitoring system provides a new level of protection, control and energy savings
- **Allows on-the-go control** and receipt of system alerts by the homeowner via the EcoNet® Smart Thermostat and EcoNet® App[2]

[1]Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

[2]Wifi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet® Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alex and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Gas Furnaces

R	97	M	V	060	3	A	17	DH	S	G	A	P
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	97 - 97% AFUE	M - Modulating	V - ECM Variable Speed	060 - 60,000 [17.6 kW] 070 - 70,000 [20.5 kW] 085 - 85,000 [24.9 kW] 100 - 100,000 [29.3 kW] 115 - 115,000 [33.7 kW]	3 - 3 Ton Drive 5 - 5 Ton Drive	A - 1st Design Series	17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width	DH - Downflow Horizontal	S - Standard	G - Communicating, EcoNet®	A - 1st Series	P - Premium Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R97MV0603A17DHSGAP
R97MV0703A17DHSGAP
R97MV0855A21DHSGAP
R97MV1005A21DHSGAP
R97MV1155A24DHSGAP

STANDARD EQUIPMENT
Multispeed Constant CFM ECM Motor
Complete assembly and wiring
Blocked Drain Sensor
7 Segment LED & marked hoses
Primary aluminized steel heat exchanger
29-4C stainless steel secondary heat exchanger
Induced Draft Blower
Pressure switches
Redundant main gas control
Limit controls
Manual shut-off valve
100% safety lock out
Blower compartment door safety switch
Solid State Time on/off blower control
Cool fan off delay
Field Selectable Heat Fan Off Delay
Low speed continuous fan option
Single Speed Option for Heating & Cooling Applications
One-hour automatic retry
Power and self-test diagnostics
Flame sense current diagnostics
Electronic air cleaner connections
Twinning (built-in) features
Humidifier connections
Humidifier on/off delay
Transformer
Direct drive
Solid bottom

WARNING
THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications
U.S. and Canadian Models

MODEL NUMBER	R97MV0603 A17DHSGAP	R97MV0703 A17DHSGAP	R97MV0855 A21DHSGAP	R97MV1005 A21DHSGAP	R97MV1155 A24DHSGAP
HIGH FIRE INPUT BTU/HR [kW]	56,000 [16.41]	70,000 [20.50]	84,000 [24.61]	98,000 [28.72]	112,000 [32.82]
LOW FIRE INPUT	22,400 [6.56]	28,000 [8.21]	33,600 [9.85]	39,000 [11.49]	44,800 [13.13]
HEATING CAPACITY BTU/HR [kW]	55,000 [16.12]	69,000 [20.22]	83,000 [24.32]	96,000 [28.13]	110,000 [32.24]
BLOWER (D x W) [mm]	11 x 8 [279 x 203]	11 x 8 [279 x 203]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 11 [279 x 279]
MOTOR H. P. [W]-TYPE	1/2 [373] E. C. M.	1/2 [373] E. C. M.	3/4 [559] E. C. M.	3/4 [559] E. C. M.	3/4 [559] E. C. M.
MIN. CIRCUIT AMPACITY	10.00	10.00	12.00	13.00	12.00
MIN. OVERLOAD PROTECTION DEVICE	15.00	15.00	15.00	15.00	15.00
MAX. OVERLOAD PROTECTION DEVICE	15.00	15.00	20.00	20.00	20.00
MINIMUM EXT. STATIC PRESSURE IN. W.C. [kPa]	.20 [.050]	.23 [.057]	.28 [.070]	.28 [.070]	.28 [.070]
MAXIMUM EXT. STATIC PRESSURE IN. W.C. [kPa]	1.0 [0.249]	1.0 [0.249]	1.0 [0.249]	1.0 [0.249]	1.0 [0.249]
MAXIMUM HEATING CFM [L/s]	954 [450]	1109 [523]	1062 [501]	1250 [590]	1628 [769]
COOLING CFM @ .50" W.C. [.124 kPa] E.S.P. [L/s]	1050 [496]	1050 [496]	1750 [825]	1750 [825]	1750 [825]
TEMPERATURE RISE- HIGH FIRE °F [°C]	40 - 70 [22 -39]	40 - 70 [22 -39]	50 - 80 [27 -44]	50 - 80 [27 -44]	40 - 70 [22 -39]
TEMPERATURE RISE- LOW FIRE °F [°C]	20 - 50 [11 - 28]	20 - 50 [11 - 28]	20 - 50 [11 - 28]	20 - 50 [11 - 28]	20 - 50 [11 - 28]
APPROX. SHIPPING WEIGHT (LBS) [kg]	128 [58]	132 [60]	147.5 [67]	152 [69]	165 [75]
AFUE ①	97.00%	97.00%	97.00%	97.00%	97.00%

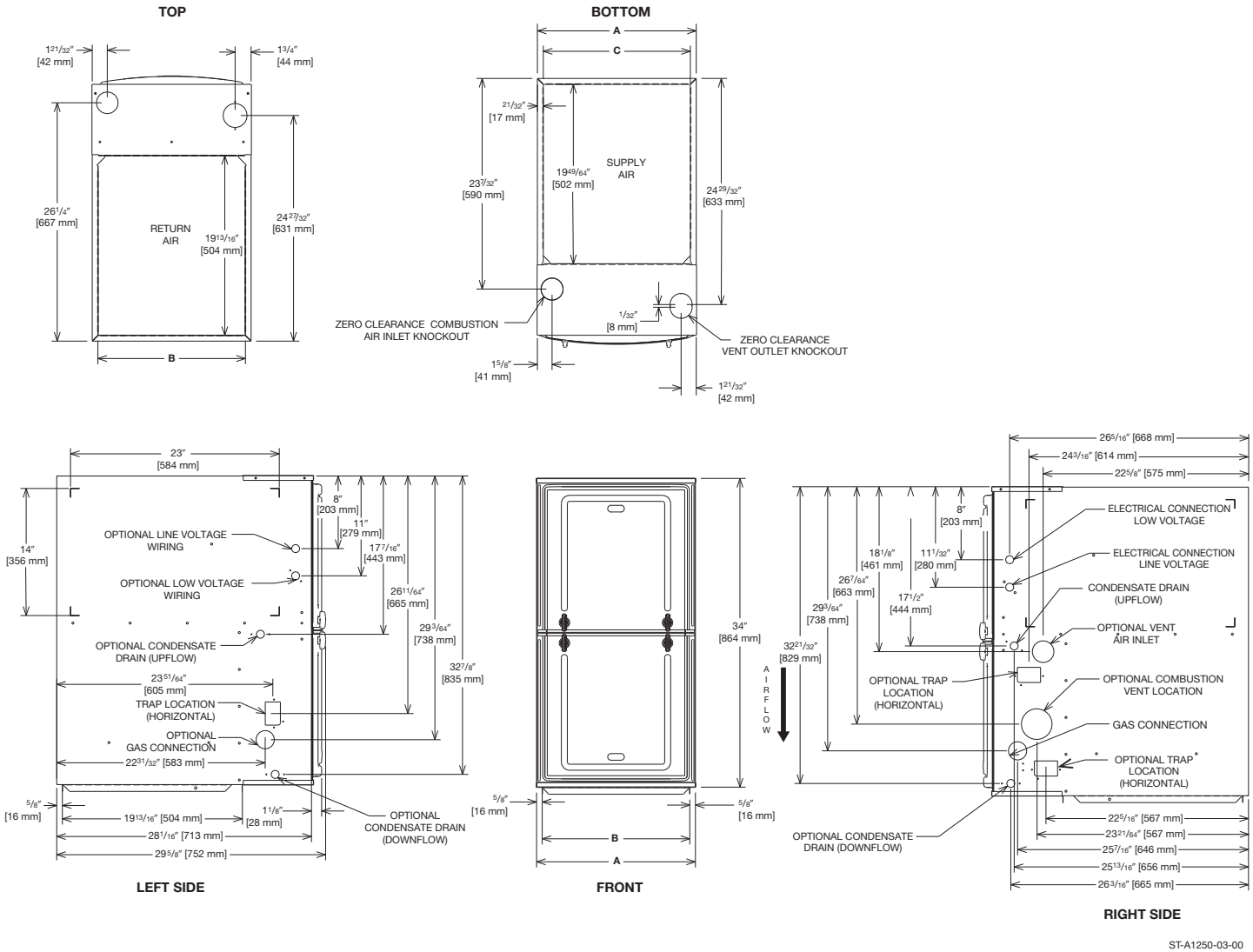
NOTES: All models are 115V, 60HZ, 1 phase Gas connection size for all models is 1/2" [13 mm] N.P.T.
① In accordance with D.O.E. test procedures.
*S=Standard Models
Standard model complies with California low NOx requirements.

This furnace does not meet air district requirements of 14 ng/J NOx emissions limit. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions

Downflow Horizontal Applications



ST-A1250-03-00

Unit Dimensions (Clearance to Combustibles)

MODEL	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]				
		RIGHT SIDE	BACK	TOP	FRONT	VENT
(-)97MV060	0	0	0	1 [25]	2 [51]	0
(-)97MV070	0	0	0	1 [25]	2 [51]	0
(-)97MV085	0	0	0	1 [25]	2 [51]	0
(-)97MV100	0	0	0	1 [25]	2 [51]	0
(-)97MV115	0	0	0	1 [25]	2 [51]	0

*A service clearance of at least 24" is recommended in front of all furnaces

FLANGE DIMENSIONS		
A	B	C
17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
21 [533]	19 49/64 [502]	19 45/64 [500]
24 1/2 [662]	23 17/64 [591]	23 13/64 [589]

Supply and return depicted as downflow configuration.
Flange configuration will vary depending on installation orientation.

[ ] Designates Metric Conversions

Blower Performance Data

Comfort Select – CFM Options (factory setting)						
Model Number		**(-)97V(-)060M317K(--)**	**(-)97V(-)070M317K(--)**	**(-)97V(-)085M521K(-)**	**(-)97V(-)100M521K(--)**	**(-)97V(-)115M524K(--)**
HEATING CFM [L/s]	LOW HEAT (40%)	428 [202]	466 [220]	579 [276]	683 [322]	778 [367]
	MEDIUM HEAT (65%)	562 [265]	635 [300]	685 [323]	807 [381]	990 [467]
	HIGH HEAT (100%)	749 [353]	871 [411]	833 [393]	982 [463]	1286 [607]
Efficiency Select – CFM Options						
HEATING CFM [L/s]	LOW HEAT (40%)	550 [260]	599 [283]	745 [352]	910 [429]	1000 [472]
	MEDIUM HEAT (65%)	690 [325]	778 [367]	845 [399]	1014 [479]	1217 [574]
	HIGH HEAT (100%)	885 [418]	1029 [486]	985 [465]	1160 [547]	1520 [717]
	MAX HEAT (-4°F)	954 [450]	1109 [524]	1067 [501]	1251 [590]	1628 [769]

*S = Standard Models
NOTES Standard model complies with California low NOx requirements.
Refer to Installation Manual for complete heating dip switch options.

COOLING CFM								
Model Number				**(-)97V(-)060M317K(--)**	**(-)97V(-)070M317K(--)**	**(-)97V(-)085M521K(-)**	**(-)97V(-)100M521K(--)**	**(-)97V(-)115M524K(--)**
TARGET COOLING/ HEAT PUMP AIRFLOW	HIGH COOLING CFM [L/s]	SW 4 = OFF	SW 5 = OFF	1050 [496]	1050 [496]	1750 [825]	1750 [825]	1750 [825]
		SW 4 = ON	SW 5 = OFF	875 [413]	875 [413]	1400 [661]	1400 [661]	1400 [661]
		SW 4 = OFF	SW 5 = ON	700 [330]	700 [330]	1225 [578]	1225 [578]	1225 [578]
		SW 4 = ON	SW 5 = ON	525 [248]	525 [248]	1050 [496]	1050 [496]	1050 [496]
	LOW COOLING CFM [L/s]	SW 4 = OFF	SW 5 = OFF	788 [372]	788 [372]	1313 [619]	1313 [619]	1313 [619]
		SW 4 = ON	SW 5 = OFF	656 [310]	656 [310]	1050 [496]	1050 [496]	1050 [496]
		SW 4 = OFF	SW 5 = ON	525 [248]	525 [248]	919 [434]	919 [434]	919 [434]
		SW 4 = ON	SW 5 = ON	394 [185]	394 [185]	788 [372]	788 [372]	788 [372]

[ ] Designates Metric Conversions

Vent Termination Kits: =

RXGY-E02: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US Only)

RXGY-E02A: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US & Canadian)

RXGY-E03: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US Only)

RXGY-E03A: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US & Canadian)

RXGY-G02: Direct Vent Furnace Side Wall Vent 2" or 3" (US Only)

RXGY-D05: Combustion Air Drain Kit 2"

RXGY-D06: Combustion Air Drain Kit 3"

NEUTRALIZER KIT: RXGY-A01
(Replacement Cartridge 54-22120-01)

EXTERNAL BOTTOM FILTER (HORIZONTAL) RACK: RXGF-CB

EXTERNAL (DOWNFLOW) FILTER RACK: RXGF-CC

FILTER RACK FILTER SIZES* INCHES [mm]		
MODEL	**RXGF-CB (HORIZONTAL)**	**RXGF-CC (DOWNFLOW)**
(-)97(-)060	16 x 24 [40 x 61]	(2) 14 x 20 [36 x 51]
(-)97(-)070	16 x 24 [40 x 61]	(2) 14 x 20 [36 x 51]
(-)97(-)085	20 x 24 [51 x 61]	(2) 14 x 20 [36 x 51]
(-)97(-)100	20 x 24 [51 x 61]	(2) 14 x 20 [36 x 51]
(-)97(-)115	24 x 24 [61 x 61]	(2) 14 x 20 [36 x 51]

*Filter racks are shipped without filters.
A suitable 1" [25.4 mm] filter may be used

[ ] Designates Metric Conversions

Indoor Coil Casings

MODEL NUMBER
RXBC-D17A1
RXBC-D21A1
RXBC-D21B1
RXBC-D24A1

For High Altitudes:

NOTE: Modulating furnaces require a unique 2% derate at altitudes above 2,000 feet. See Installation Instructions for details.

HIGH ALTITUDE KITS

R97MV060M317K(--)	RXGY-F48
R97MV070M317K(--)	RXGY-F49
R97MV085M521K(--)	RXGY-F50
R97MV100M521K(--)	RXGY-F51
R97MV115M524K(--)	RXGY-F52

L.P. CONVERSION KIT: RXGJ-FP37

CONDENSATE PUMP KIT: PROSTOCK & 1PCB151TUL

COMBUSTIBLE FLOOR BASE: RXGC-B17
RXGC-B21
RXGC-B24

THE ECONET® SMART THERMOSTAT

RETST800SYS

BUILT-IN WIFI

4.3" LCD TOUCH SCREEN

LOCAL WEATHER – Current conditions plus 6-day forecast

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HUMIDITY CONTROL – Supports humidifier accessories or over-cool based dehumidification

DETAILED OPERATING STATUS – View pertinent equipment status information and run times

CONTINUOUS FAN – Offers 5 speeds (Low, Medium Low, Medium, Medium High, High)

SHORT-CYCLE PROTECTION – Avoids damage to equipment from short run cycles

MONITORING & REMOTE CONTROL FEATURES

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REMOTE CONTROL – Allows adjusting of comfort and settings from anywhere using a mobile device

SERVICE ALERTS – Sends routine maintenance reminders

AIR FILTER MONITORING – Detects when it's time to replace the air filter

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This product meets a stringent set of our internally defined sustainability standards

EcoNet®

R98MV

98% A.F.U.E.†
EcoNet® Enabled
Heating Stages: Modulating
Motor Type: Constant CFM
Input Rates: 60 to 115 kBTU [11.6 to 33.7 kW]
Configuration Options: Upflow

† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

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[1]Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation.

[2]Wifi broadband internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet® Smart Thermostat. Receipt of notifications depend on home WiFi set up. Amazon, Alex and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Gas Furnaces

R	98	M	V	060	3	A	17	M4	S	G	A	P
Brand	**Furnace Efficiency**	**Stages of Heating**	**Motor Type**	**Heating Input**	**AC Max. Capacity**	**Major Series**	**Width**	**Position**	**NOx**	**Controls**	**Minor Series**	**Option Code**
R - Rheem	98 - 98% AFUE	M - Modulating	V - ECM Variable Speed	060 - 76,000 [17.6 kW] 070 - 70,000 [20.5 kW] 085 - 85,000 [24.9 kW] 100 - 100,000 [29.3 kW] 115 - 115,000 [33.7 kW]	3 - 3 ton drive 5 - 5 ton drive	A - 1st Design Series	17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width	M4 - Multi-4 Way	S - Standard	G - Communicating, EcoNet®	A - 1st Series	P - Premium Grade

[ ] Designates Metric Conversions

AVAILABLE MODELS
R98MV0603A17UPSGAP
R98MV0703A17UPSGAP
R98MV0855A21UPSGAP
R98MV1005A21UPSGAP
R98MV1155A24UPSGAP

STANDARD EQUIPMENT
Multi-speed Constant CFM motor
Complete assembly and wiring
Blocked Drain Sensor
7 Segment LED & marked hoses
Primary aluminized steel heat exchanger
29-4C stainless steel secondary heat exchanger
Induced Draft Blower
Pressure switches
Redundant main gas control
Limit controls
Manual shut-off valve
100% safety lock out
Blower compartment door safety switch
Solid State Time on/off blower control
Cool fan off delay
Field Selectable Heat Fan Off Delay
Low speed continuous fan option
Single Speed Option for Heating & Cooling Applications
One-hour automatic retry
Power and self-test diagnostics
Flame sense current diagnostics
Electronic air cleaner connections
Twinning (built-in) features
Humidifier connections
Humidifier on/off delay
Transformer
Direct drive
Solid bottom

WARNING
THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications

U.S. and Canadian Models

MODEL NUMBER	(-)98V(-)060A317U(--)	(-)98V(-)070A317U(--)	(-)98V(-)085A521U(-)	(-)98V(-)100A521U(--)	(-)98V(-)115A524U(--)
HIGH FIRE INPUT BTU/HR [kW]	56,000 [16.41]	70,000 [20.50]	84,000 [24.61]	98,000 [28.72]	112,000 [32.82]
LOW FIRE INPUT	22,400 [6.56]	28,000 [8.21]	33,600 [9.85]	39,000 [11.49]	44,800 [13.13]
HEATING CAPACITY BTU/HR [kW]	55,000 [16.12]	69,000 [20.22]	83,000 [24.32]	97,000 [28.43]	110,000 [32.24]
BLOWER (D x W) [mm]	11 x 8 [279 x 203]	11 x 8 [279 x 203]	11 x 10 [279 x 254]	11 x 10 [279 x 254]	11 x 11 [279 x 279]
MOTOR H. P. [W]-TYPE	1/2 [373] E. C. M.	1/2 [373] E. C. M.	3/4 [559] E. C. M.	3/4 [559] E. C. M.	3/4 [559] E. C. M.
MIN. CIRCUIT AMPACITY	10.00	10.00	12.00	13.00	12.00
MIN. OVERLOAD PROTECTION DEVICE	15.00	15.00	15.00	15.00	15.00
MAX. OVERLOAD PROTECTION DEVICE	15.00	15.00	20.00	20.00	20.00
MINIMUM EXT. STATIC PRESSURE IN. W.C. [kPa]	.20 [.050]	.23 [.057]	.28 [.070]	.28 [.070]	.28 [.070]
MAXIMUM EXT. STATIC PRESSURE IN. W.C. [kPa]	1.0 [0.249]	1.0 [0.249]	1.0 [0.249]	1.0 [0.249]	1.0 [0.249]
MAXIMUM HEATING CFM [L/s]	954 [450]	1109 [524]	1294 [611]	1644 [776]	1629 [769]
COOLING CFM @ .50" W.C. [.124 kPa] E.S.P. [L/s]	1050 [496]	1050 [496]	1750 [825]	1750 [825]	1750 [825]
TEMPERATURE RISE- HIGH FIRE °F [°C]	40 - 70 [22 - 39]	40 - 70 [22 - 39]	40 - 70 [22 - 39]	40 - 70 [22 - 39]	45 - 75 [25 - 41]
TEMPERATURE RISE- LOW FIRE °F [°C]	20 - 50 [11 - 28]	20 - 50 [11 - 28]	20 - 50 [11 - 28]	25 - 55 [13 - 30]	20 - 50 [11 - 28]
APPROX. SHIPPING WEIGHT (LBS) [kg]	128 [58]	132 [60]	147.5 [67]	152 [69]	165 [75]
AFUE ①	98.7%	98.3%	98.1%	98.1%	98.6%

NOTES: All models are 115V, 60HZ, 1 phase Gas connection size for all models is ½" [13 mm] N.P.T.
① In accordance with D.O.E. test procedures.
*S=Standard Models

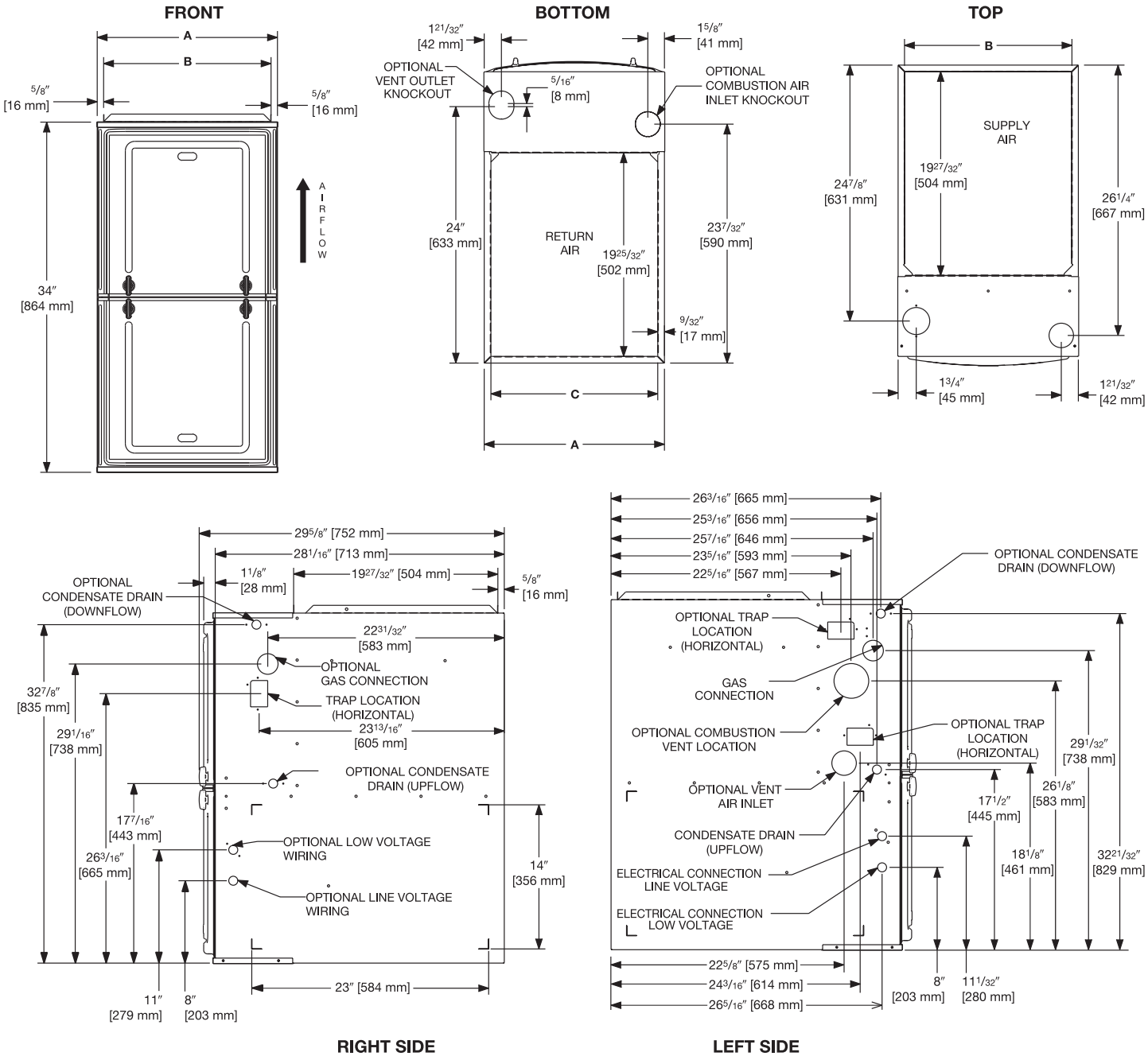
NOTE: Standard model complies with California low NOx requirements.

This furnace does not meet air district requirements of 14 ng/J NOx emissions limit, and thus is subject to a mitigation fee of up to $450. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[ ] Designates Metric Conversions

Upflow Application



Dimensional Data: Upflow Model

MODEL R98MV	LEFT SIDE	MINIMUM CLEARANCE (IN.) [mm]					SHIP WGTS.	FLANGE DIMENSIONS		
		RIGHT SIDE	BACK	TOP	FRONT	VENT		A	B	C
060	0	0	0	1 [25]	2 [51]	0	128 [58]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
070	0	0	0	1 [25]	2 [51]	0	132 [60]	17 1/2 [445]	16 17/64 [413]	16 13/64 [412]
085	0	0	0	1 [25]	2 [51]	0	147.5 [67]	21 [533]	19 49/64 [502]	19 45/64 [500]
100	0	0	0	1 [25]	2 [51]	0	152 [69]	21 [533]	19 49/64 [502]	19 45/64 [500]
115	0	0	0	1 [25]	2 [51]	0	165 [75]	24 1/2 [662]	23 17/64 [591]	23 13/64 [589]

*A service clearance of at least 24" is recommended in front of all furnaces
Supply and return depicted as upflow configuration.
Flange configuration will vary depending on installation orientation.

[ ] Designates Metric Conversions

Blower Performance Data

Comfort Select – CFM Options						
Model Number		**(-)98V(-)060A317U(--)**	**(-)98V(-)070A317U(--)**	**(-)98V(-)085A521U(-)**	**(-)98V(-)100A521U(--)**	**(-)98V(-)115A524U(--)**
HEATING CFM [L/s]	LOW HEAT (40%)	428 [202]	466 [220]	568 [268]	544 [257]	778 [367]
	MEDIUM HEAT (65%)	562 [265]	635 [300]	754 [356]	855 [404]	990 [467]
	HIGH HEAT (100%)	749 [353]	871 [411]	1015 [479]	1290 [609]	1286 [607]
Efficiency Select – CFM Options (factory setting)						
HEATING CFM [L/s]	LOW HEAT (40%)	550 [260]	599 [283]	730 [345]	725 [342]	1000 [472]
	MEDIUM HEAT (65%)	690 [325]	778 [367]	926 [437]	1058 [499]	1271 [600]
	HIGH HEAT (100%)	885 [418]	1029 [486]	1200 [566]	1525 [720]	1520 [717]
	MAX HEAT (-4°F)	954 [450]	1109 [524]	1294 [611]	1645 [776]	1629 [769]

*S = Standard Models
NOTES Standard model complies with California low NOx requirements.
Refer to Installation Manual for complete heating dip switch options.

COOLING CFM								
Model Number				**(-)98V(-)060A317U(--)**	**(-)98V(-)070A317U(--)**	**(-)98V(-)085A521U(-)**	**(-)98V(-)100A521U(--)**	**(-)98V(-)115A524U(--)**
TARGET COOLING/ HEAT PUMP AIRFLOW	HIGH COOLING CFM [L/s]	SW 4 = OFF	SW 5 = OFF	1050 [496]	1050 [496]	1750 [825]	1750 [825]	1750 [825]
		SW 4 = ON	SW 5 = OFF	875 [413]	875 [413]	1400 [661]	1400 [661]	1400 [661]
		SW 4 = OFF	SW 5 = ON	700 [330]	700 [330]	1225 [578]	1225 [578]	1225 [578]
		SW 4 = ON	SW 5 = ON	525 [248]	525 [248]	1050 [496]	1050 [496]	1050 [496]
	LOW COOLING CFM [L/s]	SW 4 = OFF	SW 5 = OFF	788 [372]	788 [372]	1313 [619]	1313 [619]	1313 [619]
		SW 4 = ON	SW 5 = OFF	656 [310]	656 [310]	1050 [496]	1050 [496]	1050 [496]
		SW 4 = OFF	SW 5 = ON	525 [248]	525 [248]	919 [434]	919 [434]	919 [434]
		SW 4 = ON	SW 5 = ON	394 [185]	394 [185]	788 [372]	788 [372]	788 [372]

[ ] Designates Metric Conversions

Vent Termination Kits:

RXGY-E02: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US Only)

RXGY-E02A: Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US & Canadian)

RXGY-E03: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US Only)

RXGY-E03A: Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US & Canadian)

RXGY-G02: Direct Vent Furnace Side Wall Vent 2" or 3" (US Only)

RXGY-D05: Combustion Air Drain Kit 2"

RXGY-D06: Combustion Air Drain Kit 3"

NEUTRALIZER KIT: RXGY-A01
(Replacement Cartridge 54-22120-01)

EXTERNAL BOTTOM FILTER (UPFLOW) RACK: RXGF-CB

EXTERNAL SIDE (UPFLOW) FILTER RACK: RXGF-CD

FILTER RACK FILTER SIZES* INCHES [mm]	
MODEL	**RXGF-CD (UPFLOW)**
(-)98V(-)060	16 x 24 [40 x 61]
(-)98V(-)070	16 x 24 [40 x 61]
(-)98V(-)085	20 x 24 [51 x 61]
(-)98V(-)100	20 x 24 [51 x 61]
(-)98V(-)115	24 x 24 [61 x 61]

*Filter racks are shipped without filters.
A suitable 1" [25.4 mm] filter may be used

[ ] Designates Metric Conversions

Indoor Coil Casings

MODEL NUMBER
RXBC-D17A1
RXBC-D21A1
RXBC-D21B1
RXBC-D24A1

For High Altitudes:

NOTE: Modulating furnaces require a unique 2% derate at altitudes above 2,000 feet. See Installation Instructions for details.

HIGH ALTITUDE KITS

(-)98V(-)060A317U(--) RXGY-F53
(-)98V(-)070A317U(--) RXGY-F54
(-)98V(-)085A521U(--) RXGY-F55
(-)98V(-)100A521U(--) RXGY-F56
(-)98V(-)115A524U(--) RXGY-F57

L.P. CONVERSION KIT: RXGJ-FP37

CONDENSATE PUMP KIT: PROSTOCK & 1PCB151TUL

COMBUSTIBLE FLOOR BASE: RXGC-B17
RXGC-B21
RXGC-B24

EcoNet®

THE ECONET® SMART THERMOSTAT

RETST800SYS

BUILT-IN WIFI

4.3" LCD TOUCH SCREEN

LOCAL WEATHER – Current conditions plus 6-day forecast

5 OPERATING MODES – Heat, Cool, Auto, Emergency Heat and Fan Only

7-DAY PROGRAMMABLE SCHEDULE – Offers comfort without thought

ONE-TOUCH AWAY – Quickly switch to your energy-saving away preferences

VACATION SCHEDULING – Allows you to save while you're away and come home to comfort

STANDBY SCREEN – Displays indoor temperature and current weather

OPERATIONAL FEATURES

AUTOMATIC CHANGEOVER – Transitions between heating and cooling automatically to keep the house comfortable

INTEGRATED WATER CONTROL – Enables easy water heater management

SMOOTH ARRIVAL – Prompts the system to start ahead of schedule to ensure the home is at the desired temperature at the scheduled time

HUMIDITY CONTROL – Supports humidifier accessories or over-cool based dehumidification

DETAILED OPERATING STATUS – View pertinent equipment status information and run times

CONTINUOUS FAN – Offers 5 speeds (Low, Medium Low, Medium, Medium High, High)

SHORT-CYCLE PROTECTION – Avoids damage to equipment from short run cycles

MONITORING & REMOTE CONTROL FEATURES

ACTIVE MONITORING – Alerts to problems that need immediate attention

REMOTE CONTROL – Allows adjusting of comfort and settings from anywhere using a mobile device

SERVICE ALERTS – Sends routine maintenance reminders

AIR FILTER MONITORING – Detects when it's time to replace the air filter

ALARM HISTORY – Displays time-stamped alarm codes with clear descriptions