

Central Ducted Unit Performance Specifications

COOLING PERFORMANCE DATA

LEGEND: TC --- Total Net Capacity (1000 Btu/hour) SC --- Sensible Capacity (1000 Btu/hour) Input --- Total Power (kW) DB --- Dry Bulb Temperature Measurement

Model	Cooling		Outdoor Conditions (DB)														
	Indoor Conditions (DB)		-13F (-25C)	5F (-15C)	17F (-8.3C)	25F (-3.9C)	35F (1.7C)	47F (8.3C)	55F (12.8C)	65F (18.3C)	75F (23.9C)	85F (29.4C)	95F (35C)	105F (40.6C)	110F (43C)	115F (46.1C)	122F (50C)
CENTRAL-18-HP-MUAH-23025 CENTRAL-18-HP-C-23025	65F (18.3C)	TC	16.89	18.02	18.48	17.90	17.22	17.37	17.79	18.25	17.81	17.29	16.42	15.81	15.17	13.66	12.80
		SC	10.64	12.23	13.33	13.04	12.81	13.25	13.43	13.84	14.26	13.51	13.49	13.35	13.76	12.60	12.71
	70F (21.1C)	TC	17.63	19.13	19.41	18.74	18.22	18.25	18.61	19.03	18.91	18.40	17.43	16.66	15.86	14.53	13.47
		SC	11.05	12.92	13.91	13.57	13.47	13.84	13.98	14.34	15.06	14.29	14.24	13.98	14.31	13.35	13.33
	75F (23.9C)	TC	18.68	20.12	20.24	19.94	19.28	19.17	19.42	19.89	19.99	19.18	18.29	17.48	16.57	15.43	14.14
		SC	11.65	13.51	14.42	14.35	14.18	14.47	14.51	14.91	15.84	14.80	14.84	14.59	14.87	14.10	13.93
	80F (26.7C)	TC	19.51	20.96	21.17	20.79	20.43	20.16	20.44	20.72	21.00	20.17	19.24	18.23	17.31	16.27	14.81
		SC	12.10	14.00	14.99	14.89	14.93	15.12	15.19	15.46	16.57	15.49	15.52	15.15	15.44	14.79	14.51
CENTRAL-24-HP-MUAH-23025 CENTRAL-24-HP-C-23025	65F (18.3C)	TC	22.82	25.18	24.49	24.52	24.31	23.65	23.57	24.50	24.26	24.30	23.40	22.24	21.15	19.65	17.99
		SC	14.92	16.94	17.33	17.93	17.99	17.27	17.81	18.48	18.81	19.24	18.60	19.01	18.56	18.26	17.86
	70F (21.1C)	TC	24.09	26.31	26.02	26.05	25.62	24.85	24.92	25.65	25.27	25.52	24.89	23.44	22.19	20.68	18.99
		SC	15.68	17.61	18.31	18.95	18.86	18.05	18.74	19.26	19.49	20.10	19.68	19.94	19.38	19.11	18.78
	75F (23.9C)	TC	25.28	27.49	27.36	27.34	26.77	26.35	26.31	26.78	26.77	26.64	26.26	24.78	23.53	21.82	20.04
		SC	16.38	18.29	19.15	19.78	19.61	19.04	19.70	20.01	20.52	20.85	20.64	20.98	20.44	20.04	19.73
	80F (26.7C)	TC	26.81	28.79	28.90	28.63	28.30	27.76	27.84	27.92	28.00	27.78	27.52	26.19	24.77	23.18	21.00
		SC	17.27	19.03	20.11	20.61	20.63	19.96	20.74	20.75	21.34	21.62	21.52	22.05	21.40	21.17	20.58
CENTRAL-30-HP-MUAH-23025 CENTRAL-30-HP-C-23025	65F (18.3C)	TC	N/A	31.79	33.01	33.21	34.10	31.65	31.96	31.59	31.92	30.44	29.03	27.35	25.72	24.83	22.13
		SC	N/A	22.34	24.12	24.38	25.00	23.92	24.76	23.79	24.52	23.73	24.12	23.14	22.88	23.02	22.15
	70F (21.1C)	TC	N/A	33.15	34.71	35.22	35.52	33.63	33.53	33.50	33.35	31.74	30.31	29.00	26.96	25.89	23.10
		SC	N/A	23.15	25.24	25.72	25.89	25.27	25.81	25.10	25.50	24.60	25.04	24.39	23.84	23.87	23.02
	75F (23.9C)	TC	N/A	35.08	36.46	36.88	37.51	35.11	35.04	35.18	35.33	33.20	32.00	30.50	28.62	27.37	24.42
		SC	N/A	24.35	26.38	26.78	27.22	26.22	26.80	26.25	26.88	25.57	26.30	25.49	25.16	25.08	24.23
	80F (26.7C)	TC	N/A	36.92	38.66	38.94	39.23	37.35	37.24	37.11	37.00	35.21	33.79	32.10	30.41	28.51	25.87
		SC	N/A	25.51	27.84	28.12	28.29	27.71	28.34	27.54	28.01	26.97	27.61	26.71	26.61	26.00	25.53
CENTRAL-36-HP-MUAH-23000 CENTRAL-36-HP-C-23000	65F (18.3C)	TC	N/A	35.53	36.81	35.96	36.69	36.28	36.53	36.58	36.25	34.76	33.06	32.14	29.72	27.74	24.74
		SC	N/A	24.59	26.15	25.80	27.31	27.13	28.51	27.77	28.71	27.68	27.36	27.12	26.67	26.15	24.62
	70F (21.1C)	TC	N/A	37.33	38.79	37.89	38.34	37.99	38.25	38.67	38.44	36.93	35.13	33.52	31.55	29.07	26.13
		SC	N/A	25.70	27.41	27.06	28.39	28.26	29.67	29.21	30.27	29.27	28.93	28.13	28.18	27.24	25.89
	75F (23.9C)	TC	N/A	39.46	40.87	39.89	40.06	40.24	40.26	40.70	40.85	38.72	36.67	35.21	33.32	30.86	27.74
		SC	N/A	27.04	28.71	28.31	29.51	29.78	31.09	30.56	31.98	30.50	30.01	29.37	29.61	28.73	27.36
	80F (26.7C)	TC	N/A	41.27	42.66	42.34	42.04	42.59	42.69	42.80	42.91	41.19	38.97	37.14	35.07	32.42	29.32
		SC	N/A	28.15	29.82	29.89	30.77	31.34	32.79	31.97	33.42	32.25	31.68	30.82	30.97	30.02	28.79
CENTRAL-48-HP-MUAH-23000 CENTRAL-48-HP-C-23000	65F (18.3C)	TC	N/A	46.02	45.86	45.47	46.13	44.91	45.36	46.29	45.98	44.09	41.65	39.17	37.60	35.28	30.96
		SC	N/A	32.04	33.41	33.33	33.05	33.56	34.70	35.69	36.16	35.09	33.39	32.25	33.26	32.85	30.96
	70F (21.1C)	TC	N/A	48.14	48.59	47.51	48.15	47.67	48.00	48.47	48.71	46.50	44.07	40.89	39.92	36.87	32.25
		SC	N/A	33.32	35.19	34.60	34.28	35.40	36.55	37.19	38.13	36.78	35.17	33.49	35.11	34.15	32.14
	75F (23.9C)	TC	N/A	50.88	50.82	50.39	50.85	50.45	50.15	51.40	51.43	49.32	46.35	43.50	41.58	38.41	33.91
		SC	N/A	35.03	36.61	36.46	36.01	37.30	37.99	39.24	40.00	38.80	36.79	35.46	36.36	35.35	33.65
	80F (26.7C)	TC	N/A	53.90	53.22	53.26	53.30	52.83	53.30	53.76	54.25	51.91	48.58	46.13	43.72	40.13	36.03
		SC	N/A	36.87	38.10	38.30	37.58	38.88	40.13	40.81	41.94	40.59	38.38	37.41	38.04	36.72	35.60
CENTRAL-60-HP-MUAH-23000 CENTRAL-60-HP-C-23000	65F (18.3C)	TC	N/A	56.47	55.72	55.66	55.72	54.16	56.32	56.79	55.75	53.49	50.70	47.06	45.25	41.30	36.30
		SC	N/A	39.04	39.68	41.15	41.58	40.12	43.19	43.63	44.52	41.35	42.16	39.08	40.04	39.30	36.01
	70F (21.1C)	TC	N/A	58.89	59.09	58.16	58.23	56.89	58.98	59.41	58.94	55.78	53.09	49.96	47.28	43.52	38.58
		SC	N/A	40.53	41.83	42.76	43.23	41.91	44.96	45.43	46.83	42.91	43.92	41.30	41.61	41.17	38.13
	75F (23.9C)	TC	N/A	61.86	62.53	61.35	61.75	60.33	61.76	62.01	62.56	58.46	55.47	52.48	49.61	45.34	40.57
		SC	N/A	42.36	44.01	44.83	45.55	44.24	46.82	47.14	49.40	44.72	45.65	43.15	43.40	42.68	39.94
	80F (26.7C)	TC	N/A	64.44	65.34	64.78	64.32	63.98	64.46	64.94	65.38	61.61	57.79	54.95	52.01	48.18	42.70
		SC	N/A	43.88	45.74	47.09	47.21	46.70	48.60	49.09	51.32	46.82	47.33	44.95	45.19	45.09	41.85

Central Ducted Unit Performance Specifications

HEATING PERFORMANCE DATA																											
LEGEND: TC --- Total Net Capacity (1000 Btu/hour) Input --- Total Power (kW) DB --- Dry Bulb Temperature Measurement																											
Model	Heating		Outdoor Conditions (DB)																								
	Indoor Conditions (DB)		-13F (-25C)	-4F (-20C)	0F (-17.8C)	5F (-15C)	10F (-12.2C)	17F (-8.3C)	20F (-6.7C)	25F (-3.9C)	32F (0C)	35F (1.7C)	40F (4.4C)	47F (8.3C)	50F (10C)	57F (13.9C)											
CENTRAL-18-HP-MUAH-23025 CENTRAL-18-HP-C-23025	60F (15.6C)	TC	9.73	10.81	11.32	11.72	13.38	14.67	15.35	15.92	16.45	17.13	19.59	21.81	22.20	22.77											
		Input	1.65	1.57	1.52	1.50	1.57	1.62	1.65	1.68	1.69	1.73	1.62	1.58	1.54	1.50											
	65F (18.3C)	TC	9.41	10.48	10.98	11.38	12.94	14.22	14.88	15.47	15.99	16.66	18.95	21.09	21.57	22.21											
		Input	1.69	1.60	1.57	1.53	1.60	1.65	1.69	1.72	1.74	1.77	1.67	1.63	1.58	1.54											
	70F (21.1C)	TC	9.18	10.21	10.66	11.09	12.54	13.85	14.39	14.96	15.55	16.13	18.36	20.46	20.96	21.48											
		Input	1.73	1.64	1.61	1.57	1.65	1.70	1.73	1.76	1.79	1.82	1.71	1.66	1.61	1.58											
75F (23.9C)	TC	8.80	9.80	10.18	10.70	11.97	13.31	13.89	14.33	15.01	15.54	17.63	19.70	20.13	20.60												
	Input	1.79	1.69	1.66	1.61	1.70	1.75	1.79	1.82	1.85	1.87	1.76	1.70	1.66	1.63												
CENTRAL-24-HP-MUAH-23025 CENTRAL-24-HP-C-23025	60F (15.6C)	TC	14.51	16.23	17.01	17.49	19.38	20.85	22.22	23.78	25.12	26.50	29.12	32.44	32.91	33.80											
		Input	2.57	2.45	2.38	2.31	2.36	2.39	2.48	2.54	2.64	2.68	2.66	2.69	2.60	2.54											
	65F (18.3C)	TC	14.15	15.79	16.50	17.04	18.77	20.20	21.59	22.97	24.32	25.73	28.27	31.41	31.98	32.75											
		Input	2.62	2.51	2.45	2.38	2.42	2.46	2.54	2.62	2.70	2.74	2.73	2.74	2.66	2.61											
	70F (21.1C)	TC	13.77	15.30	15.95	16.63	18.15	19.67	21.01	22.37	23.68	24.91	27.39	30.37	31.11	31.89											
		Input	2.69	2.56	2.50	2.44	2.48	2.52	2.60	2.69	2.76	2.82	2.80	2.82	2.74	2.68											
75F (23.9C)	TC	13.17	14.61	15.38	15.88	17.33	18.98	20.10	21.54	22.80	23.84	26.35	29.19	29.93	30.46												
	Input	2.78	2.63	2.57	2.51	2.56	2.59	2.69	2.78	2.84	2.90	2.88	2.91	2.82	2.77												
CENTRAL-30-HP-MUAH-23025 CENTRAL-30-HP-C-23025	60F (15.6C)	TC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17.78	19.13	20.55	22.41	24.29	26.24	27.99	29.83	32.02	32.96	33.79	
		Input														3.05	3.05	3.09	3.03	3.00	2.98	2.96	2.83	2.96	2.83	2.77	2.67
	65F (18.3C)	TC														17.18	18.52	19.99	21.74	23.61	25.38	27.15	29.02	31.21	32.00	32.74	
		Input														3.14	3.13	3.17	3.10	3.09	3.06	3.04	2.89	2.84	2.75	2.70	
	70F (21.1C)	TC														16.65	18.00	19.32	21.00	22.83	24.57	26.41	28.12	30.16	30.98	31.66	
		Input														3.23	3.23	3.24	3.19	3.17	3.15	3.13	2.98	2.90	2.83	2.75	
75F (23.9C)	TC	15.95														17.19	18.62	20.12	21.99	23.46	25.25	27.10	28.86	29.80	30.33		
	Input	3.34														3.34	3.35	3.28	3.27	3.23	3.21	3.06	2.99	2.91	2.85		
CENTRAL-36-HP-MUAH-23000 CENTRAL-36-HP-C-23000	60F (15.6C)	TC														20.54	21.42	22.05	23.82	25.73	27.74	29.42	34.69	40.07	40.93	41.79	
		Input														2.91	2.86	2.84	2.87	2.88	2.91	2.93	3.38	3.71	3.66	3.55	
	65F (18.3C)	TC														19.96	20.79	21.47	23.15	24.93	26.83	28.48	33.81	38.72	39.59	40.69	
		Input														2.99	2.95	2.91	2.94	2.96	3.00	3.01	3.46	3.82	3.75	3.64	
	70F (21.1C)	TC	19.32	20.13	20.79	22.52	24.25	26.02	27.65	32.70	37.44	38.47	39.32														
		Input	3.05	3.01	2.98	3.01	3.05	3.08	3.10	3.54	3.94	3.83	3.74														
75F (23.9C)	TC	18.49	19.32	20.02	21.64	23.19	25.01	26.44	31.39	35.91	36.86	37.66															
	Input	3.14	3.09	3.07	3.10	3.15	3.16	3.18	3.65	4.04	3.93	3.83															
CENTRAL-48-HP-MUAH-23000 CENTRAL-48-HP-C-23000	60F (15.6C)	TC	30.80	35.00	40.31	41.65	43.25	44.97	46.07	56.27	64.65	66.12	67.69														
		Input	4.63	4.76	5.00	4.86	4.83	4.68	4.63	4.98	5.34	5.14	5.01														
	65F (18.3C)	TC	29.76	33.81	39.02	40.52	41.87	43.78	44.86	54.36	62.46	64.07	65.78														
		Input	4.75	4.87	5.11	5.01	4.95	4.81	4.77	5.11	5.45	5.27	5.15														
	70F (21.1C)	TC	28.75	32.86	37.88	39.34	40.85	42.34	43.64	52.57	60.82	62.39	63.86														
		Input	4.90	5.01	5.25	5.13	5.05	4.96	4.88	5.26	5.58	5.42	5.30														
75F (23.9C)	TC	27.54	31.41	36.48	37.88	39.13	40.52	41.68	50.42	58.69	59.89	61.56															
	Input	5.03	5.16	5.42	5.31	5.22	5.13	5.05	5.42	5.72	5.61	5.43															
CENTRAL-60-HP-MUAH-23000 CENTRAL-60-HP-C-23000	60F (15.6C)	TC	32.06	33.63	36.18	38.60	41.11	43.79	46.82	57.76	67.59	69.07	70.08														
		Input	4.64	4.67	4.73	4.77	4.81	4.91	4.93	5.30	5.47	5.29	5.14														
	65F (18.3C)	TC	31.04	32.75	34.99	37.44	40.07	42.72	45.58	55.86	65.31	66.86	68.11														
		Input	4.74	4.82	4.87	4.91	4.94	5.04	5.06	5.41	5.60	5.43	5.30														
	70F (21.1C)	TC	30.07	31.86	33.87	36.35	39.02	41.68	44.21	54.13	63.28	64.98	66.45														
		Input	4.89	4.93	5.00	5.02	5.09	5.15	5.19	5.53	5.73	5.57	5.45														
75F (23.9C)	TC	28.75	30.58	32.55	34.72	37.42	40.01	42.27	52.24	60.75	62.25	63.46															
	Input	5.06	5.09	5.15	5.15	5.26	5.29	5.33	5.68	5.88	5.76	5.59															