

14 SEER

Distributed by


  

  

  

  

  

  


**Field Installed Electric Heat Kits (Optional)**

MODEL	PART NUMBER	DESCRIPTION
81-23259-00	ECHK-05A	5 kW Electric Strip heater
81-23258-00	ECHK-08A	7.5 kW Electric Strip heater
81-23257-00	ECHK-10A	10 kW Electric Strip heater
81-23256-00	ECHK-15A	15 kW Electric Strip heater
81-23255-00	ECHK-20A	20 kW Electric Strip heater



**CAC-AHC SERIES**

SPLIT SYSTEM  
HEAT PUMP  
ON-OFF

CAC-AHC



**CAC Series (Top-Discharge Condensing Unit) Technical Specifications**

Model	CAC1813H14	CAC2413H14	CAC3013H14	CAC3613H14	CAC4213H14	CAC4813H14	CAC6013H14
Cooling	Outdoor Power Supply	230/1/60	230/1/60	230/1/60	230/1/60	230/1/60	230/1/60
	Capacity	17,600	23,600	28,600	34,000	40,500	46,000
Heating	RT	1.46	1.96	2.38	2.83	3.37	3.83
	W	1500	2020	2450	2910	3480	3950
Compressor	EER	11.70	12.20	11.70	11.70	11.70	11.20
	SEER	14	14	14	14	14	14
Indoor Fan Motor	Capacity	17,200	22,200	28,600	33,500	40,000	46,000
	HSPF	8.20	8.20	8.30	8.30	8.30	8.30
Blower	Max. Input Consumption	1875.00	2525.00	3062.50	3637.50	4350.00	4937.50
	Max. Current	8.58	11.56	14.02	16.65	19.91	22.60
Outdoor Coil	Brand	HITACHI	HITACHI	HITACHI	HITACHI	LG	LG
	Model	ASL145DG-C7EU	ASH201DG-C8LU1L	ASH239DG-C8DU	ASH280DG-C8DU	ABG036KAC	ABG042KAC
Outdoor Dimension	Type	Rotary	Rotary	Rotary	Rotary	Scroll	Scroll
	Capacity	4240	5970	7055	8260	10551	12309
Refrigerant Pipe	Input	1390	1950	2290	2700	3429	4722
	Output	6.10	8.7	10.20	11.9	15.2	17.3
Indoor Coil	Rated Current (RLA)	33	44	56	60	112	108
	Locked Rotor Amp (LRA)	40	40	55	70	45	70
Outdoor Fan Motor	Thermal Protector	480	570	570	570	1280	1280
	Refrigerant Oil	Chigo	Chigo	Chigo	Chigo	Xinjun	Xinjun
Outdoor Dimension	Brand	S.TB-DQ-YDK-60-6P2-AL	S.TB-DQ-YDK-65-6P2-AL	S.TB-DQ-YDK-85-6P2-AL	S.TB-DQ-YDK-110-8P2-AL	S.TB-DQ-YDK-110-8P2-AL	S.TB-DQ-YDK-230-6P2
	Model	145	178	178	178	207	207
Blower	Input	60	85	85	110	110	110
	Output	6.00	6.00	6.00	6.00	6.00	6.00
Outdoor Dimension	Capacitor	870	970	970	850	850	1095
	Speed	1	2	2	2	2	2
Outdoor Coil	Number of Row	0.055/1.397	0.055/1.397	0.055/1.397	0.055/1.397	0.055/1.397	0.055/1.397
	Fin Spacing	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Non-Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin	Hydrophilic Aluminium Fin
Outdoor Dimension	Fin material	Φ 0.276/7.010	Φ 0.276/7.010	Φ 0.276/7.010	Φ 0.276/7.010	Φ 0.276/7.010	Φ 0.276/7.010
	Tube Outside Diameter	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved
Outdoor Dimension	Tube Material	56.22x23.15x0.53	56.22x23.15x1.05	56.22x23.15x1.05	84.65x31.48x1.05	84.65x31.48x1.05	84.65x31.48x1.05
	Coil Length x Height x Width	1427.98x588.01x13.46	1427.98x588.01x26.67	1427.98x588.01x26.67	2150.11x588.01x26.67	2150.11x799.59x26.67	2150.11x799.59x26.67
Outdoor Dimension	Number of Circuit	3	6	4	6	10	8
	Outdoor Air Flow	1500	1700	1900	2800	4000	4000
Outdoor Dimension	Outdoor Noise Level	60	60	61	61	63	63
	Unit (WxHxD)	21.87x24.93x21.87	21.87x24.93x21.87	21.87x24.93x21.87	29.12x24.93x29.12	29.12x33.18x29.12	29.12x33.18x29.12
Outdoor Dimension	Packing (WxHxD)	554x633x554	554x633x554	554x633x554	740x843x740	740x843x740	740x843x740
	Net / Gross Weight	47/49	55/57	62/66	70/74	94/98	97/101
Outdoor Dimension	Refrigerant Type	R410A	R410A	R410A	R410A	R410A	R410A
	Liquid Side	Φ3/8	Φ3/8	Φ3/8	Φ3/8	Φ3/8	Φ3/8
Outdoor Dimension	Gas Side	Φ3/4	Φ3/4	Φ3/4	Φ3/4	Φ3/4	Φ3/8
	Max. Refrigerant Pipe Length	65 39/64	65 39/64	65 39/64	65 39/64	65 39/64	65 39/64
Outdoor Dimension	Max. Difference In Level	32 13/16	32 13/16	32 13/16	32 13/16	32 13/16	32 13/16
	Max. Refrigerant Pipe Length	65 39/64	65 39/64	65 39/64	65 39/64	65 39/64	65 39/64
Outdoor Dimension	Design Pressure	4.0/1.2	4.0/1.2	4.0/1.2	4.0/1.2	4.0/1.2	4.0/1.2
	Max Pressure	4.20	4.20	4.20	4.20	4.20	4.20
Outdoor Dimension	Loading Per Container 20' /40' /40'HQ	120/240/320	120/240/320	120/240/320	63/135/180	42/90/135	42/90/135

**AHC Series (Air Handler Unit) Technical Specifications**

Model	AHC18H14	AHC24H14	AHC30H14	AHC36H14	AHC42H14	AHC48H14	AHC60H14
Cooling	Power Supply	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
	Capacity	17,600	23,600	28,600	34,000	40,500	46,000
Indoor Fan Motor	RT	1.46	1.96	2.38	2.83	3.37	3.83
	SEER	14	14	14	14	14	14
Blower	Indoor External Static Pressure	25	25	37	37	37	50
	Throttle Type	TXV	TXV	TXV	TXV	TXV	TXV
Indoor Coil	Number of Row	3 (row)x2 (piece)	4 (row)x2 (piece)	4 (row)x2 (piece)	4 (row)x2 (piece)	5 (row)x2 (piece)	5 (row)x2 (piece)
	Tube Pitch (a) x Row Pitch (b)	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53
Indoor Coil	Fin Spacing	1/16	1/16	1/16	1/16	1/16	1/16
	Fin Material	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic
Indoor Coil	Tube Outside Diameter	Φ 0.276/6.502	Φ 0.276/6.502	Φ 0.276/6.502	Φ 0.276/6.502	Φ 0.276/6.502	Φ 0.276/6.502
	Tube Material	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved
Indoor Coil	Coil Length x Height x Width	17.44x14.88x1.58	17.44x16.53x2.11	17.44x16.53x2.11	17.44x16.53x2.11	19.84x21.5x2.63	19.84x21.5x2.63
	Number of Circuit	442.912x377.825x53.578	442.912x419.894x53.578	442.912x419.894x53.578	442.912x419.894x53.578	504.031x546.1x66.675	504.031x546.1x66.675
Indoor Fan Motor	Brand	Kangbao	Kangbao	Kangbao	Kangbao	Kangbao	Kangbao
	Type	AC	AC	AC	AC	AC	AC
Blower	Input	180	206	288	398	463	578
	Output	100	135	180	220	270	300
Blower	Capacitor	6	6	6	10	10	12
	Speed (HI/Med/Lo)	440/390/340	570/530/490	670/600/530	805/730/690	839/723/610	920/870/820
Blower	Diameter	12.31 / 312.738	12.31 / 312.738	12.31 / 312.738	12.31 / 312.738	12.31 / 312.738	12.31 / 312.738
	Width	12.90 / 327.819	12.90 / 327.819	12.90 / 327.819	12.90 / 327.819	12.90 / 327.819	12.90 / 327.819
Indoor Dimension	Indoor Air Flow	723/610/500	938/804/738	1204/1060/919	1376/1235/1161	1562/1385/1208	1695/1574/1434
	Indoor Noise Level	39	41	47	51	53	55
Indoor Dimension	Unit (WxHxD)	19.66x45.75x22	19.62x45.75x22	19.62x45.75x22	19.62x45.75x22	22x53.12x24.1/2	22x53.12x24.5
	Packing (WxHxD)	500x1162x560	500x1162x560	500x1162x560	500x1162x560	560x1350x623	560x1350x623
Indoor Dimension	Net / Gross Weight	56/61	59/64	61/66	60/65	62/67	60/66
	Loading Per Container 20' /40' /40'HQ	123/134	130/141	134/146	132/143	137/148	176/190
Indoor Dimension	Net / Gross Weight	30/60/120	30/60/120	30/60/120	30/60/120	30/60/120	27/54/54
	Loading Per Container 20' /40' /40'HQ	30/60/120	30/60/120	30/60/120	30/60/120	30/60/120	27/54/54

