

# ComfortBreeze®

Wall Mount Ceiling & Floor

AHU

Window Air Conditioner

High Efficiency **23.5** SEER

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Quality is built into every DC Inverter

**Wall Mount** Whether it's a livingroom, bedroom or bathroom, the Air Conditioner you need. Hi - SEER Mini Series will provide the energy efficiency you need.

Models: CHE09 - CHE1

Requires professional installation - R410  
Consult your Air Conditioning professional



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# Comfort Breeze Hi - Efficiency Inverter

Model			CHE-0911M-A1	CHE-1211M-A1	CHE-1811M-A1	CHE-2411M-A1
Power Supply		V-Hz-Ph	208~230V / 60Hz / 1Ph	208~230V / 60Hz / 1Ph	208~230V / 60Hz / 1Ph	208~230V / 60Hz / 1Ph
Cooling	Capacity	BTU/h	9000	12000	18000	24000
	Input	W	620	885	1400	1840
	Rated current	A	2.90	4.05	6.49	8.40
	EER	WW	4.25	3.81	3.66	3.66
SEER			23.5	22	21	19
Minimum Circuit Ampacity		A	7.5	7.5	13.0	15.0
Maximum Fuse Rating		A	15.0	15.0	20.0	27.0
Moisture Removal		L/h	1.0	1.2	1.7	2.5
Compressor	Capacity	BTU/h	11089	11089	13443	26238
	Input	W	850	850	1005	2120
	Rated current(RLA)	A	4.45	4.45	3.95	8.85
Indoor Fan Motor	Input	W	20(Output)	20(Output)	58(Output)	102
	Speed(Hi/Mi/Lo)	r/min	1150 / 1000 / 700	1150 / 1000 / 700	1150 / 900 / 700	1250 / 1100 / 900
Indoor Coil	Fin Type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube Outside Dia. & Type	mm	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube
	Coil Length x Height x Width	mm	665x315x26.74	665x315x26.74	760x315x26.74	904x378x40.11
	Number of circuits		3	3	5	9
Indoor Air Flow (Hi/Mid/Lo)		m3/h	750/650/450	750/650/450	1200/950/750	1450/1300/1050
Indoor Noise Level (Hi/Mid/Lo)		dB(A)	43/37/31	43/37/31	47/40/31	50/45/40
Indoor Unit	Dimension(W*D*H)	inch	32.87x7.80x11.02	32.87x7.80x11.02	38.98x8.58x12.40	46.69x10.16x13.39
	Packing (W*D*H)	inch	35.83x10.63x13.98	35.83x10.63x13.98	41.93x11.81x15.75	49.80x16.53x13.38
	Net/Gross weight	Kg	8 / 10	8.5/11	12 / 14	18.5/23
Outdoor Fan Motor	Input	W	35(Output)	35(Output)	50(Output)	72(Output)
	Speed	r/min	850 / /	850 / /	750 / /	850 / /
Outdoor Coil	Fin Type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia. and type	mm	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, inner groove tube	Φ7, innergroove tube
	Coil length x height x width	mm	655x546x26.74	655x546x26.74	775x651x40.11	776x798x40.11
	Number of circuits		3	3	6	6
Outdoor Air Flow		m3/h	1800	2000	2500	3500
Outdoor Noise Level		dB(A)	54	54	60	60
Outdoor Unit	Dimension(W*D*H)	inch	29.92x11.22x23.23	29.92x11.22x23.23	33.27x12.60x27.56	35.43x12.40x33.86
	Packing (W*D*H)	inch	34.92x13.98x25.39	34.92x13.98x25.39	37.99x15.55x29.72	41.06x15.55x36.02
	Net/Gross Weight	Kg	33.5 / 35	33.5 / 35	46.5/50.5	59/63
Refrigerant Type		g	R410A/1250g	R410A/1250g	R410A/1900g	R410A/2430g
		oz	R410A/44.09	R410A/44.09	R410A/67.0	R410A/85.7
Design Pressure		MPa	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG
Refrigerant Piping	Liquid side/ Gas Side	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")
	Max. Refrigerant Pipe Length	m	20	20	20	25
	Max. difference in level	m	8	8	8	10
Connection Wiring			16#(Optional)	16#(Optional)	16#(Optional)	16#(Optional)
Thermostat Type			Remote Control	Remote Control	Remote Control	Remote Control
Operating Temperature	Indoor(cooling/heating)	°C	≥17/≤30	≥17/≤30	≥17/≤30	≥17/≤30
	Outdoor(cooling/heating)	□	0~50/-15~30	0~50/-15~30	0~50/-15~30	0~50/-15~30
Application area		m2	13-22	18-29	25-42	34-56

Product specifications subject to change without notice



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