



ONE-WAY CASSETTE 6K-18K Btu/h

As low as 21 dBA
(18K indoor unit)



Humidity
Sensor



Breeze
Away



Sleep
Mode



0 -100 stepless
wind speed



Auto
Swing



Turbo





Customer Indoor unit model			CH-06MCT1W-230VI	CH-09MCT1W-230VI	CH-12MCT1W-230VI	CH-18MCT1W-230VI	CH-09MCT1W-230VI	CH-12MCT1W-230VI	CH-18MCT1W-230VI
Customer Outdoor unit model			CH-HPR06F9-230VO	CH-HPR09-230VO	CH-HPR12-230VO	CH-HPR18-230VO	CH-ES09-230VO	CH-ES12-230VO	CH-ES18-230VO
Power supply (Indoor/Outdoor)		V- Ph-Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Power supply	Voltage range	V	187-253	187-253	187-253	187-253	187-253	187-253	187-253
Cooling	Capacity (range)	Btu/hr	6,500 (3,600~11,200)	9,000 (3,600~12,200)	12,000 (4,000~14,100)	16,700 (6,100~17,500)	9,000 (4,400~11,200)	12,000 (4,000~13,200)	18000(3200~18100)
	Input	W	448(155~975)	692(282~1150)	923(147~1257)	1337(305~1880)	692(320~980)	952(160~1200)	1440(415~1690)
	Current	A	3(1.18~4.33)	3.10(1.4~5.2)	4.17(1.17~5.54)	8.30(2.2~8.0)	3.10(1.51~4.35)	4.17(1.26~5.35)	6.4(2~7.4)
	EER	Btu/hr/W	14.5	13	13	12.5	13	12.6	12.5
	SEER	Btu/hr/W	22	24	23	19.8	22.5	22	21.8
Heating	Capacity (range)	Btu/hr	7,100 (3,700~12,500)	10,900 (4,800~14,000)	12,500 (4,600~15,000)	20,000 (6,450~21,500)	11,000 (3,800~12,400)	12,500 (3,700~12,800)	19000(5300~21500)
	Input	W	555(290~1097)	968(391~1400)	1150(362~1500)	2086(1000~2220)	938(300~1100)	1145(300~1240)	1690(530~1960)
	Current	A	4.33(1.44~4.87)	5.24(2.1~6.3)	4.85(1.73~6.59)	12.3(4.5~9.5)	4.26(1.45~4.90)	4.83(2.37~5.50)	7.6(2.6~8.8)
	COP	W/W	3.75	3.3	3.19	2.81	3.44	3.2	3.3
	HSPF4	Btu/hr/W	10.8	12.4	10	11.2	11.5	9.8	10.7
	HSPF5	Btu/hr/W	9	9.5	7.8	8.5	9.1	7.5	7.6
Cooling at 5 F	Rated capacity	Btu/hr	11,000	11,800	13,500	19,000	11,000	12,000	18,000
Cooling at 109 F	Rated capacity	Btu/hr	9,600	9,800	11,400	13,100	9,600	11,800	13,900
Cooling(B2)	Rated capacity	Btu/hr	6,700	10,400	12,500	17,500	9,500	12,500	18,600
	EER	Btu/hr/W	18	17.5	15.6	15	15.5	15.3	15
Heating at 17F	Rated capacity	Btu/hr	10,000	11,400	11,500	18,800	10,000	9,000	15,500
	COP	W/W	2.4	1.83	2.07	2.04	2.4	2.43	2.4
Heating at -4F	Rated capacity	Btu/hr	6200	7200	8,400	13,000	6,500	6,400	9,600
	COP	W/W	1.9	1.4	1.52	1.74	1.9	2.02	1.86
MINIMUM CIRCUIT AMPACITY(Indoor)		A	3	3	3	3	3	3	3
MAX.FUSE(Indoor)		A	15	15	15	15	15	15	15
Indoor air flow (Turbo/Hi/Mi/Lo)	m3/h		580/500/440/400	580/500/440/400	600/530/480/420	680/598/510/352	580/500/440/400	600/530/480/420	680/598/510/352
	CFM		341/294/258/235	341/294/258/235	352/311/282/247	400/351/300/207	341/294/258/235	353/312/282/247	400/352/3000/207
Indoor noise level (HI/MI/Lo)		dB(A)	37.5/35.5/32.5	37.5/35.5/31	38.5/37/32.5	44/40.5/35	38/36/33	40.5/38.5/34.5	44/41/34
Indoor unit	Dimension(W*D*H)	mm	1278x335x228	1278x335x228	1278x335x228	1278x335x228	1278x335x228	1278x335x228	1278x335x228
	Dimension(W*D*H)	inch	50.31x13.19x8.98	50.31x13.19x8.98	50.31x13.19x8.98	50.31x13.19x8.98	50.31x13.19x8.98	50.31x13.19x8.98	50.31x13.19x8.98
	Packing (W*D*H)	mm	1463x571x575	1463x571x575	1463x571x575	1463x571x575	1463x571x575	1463x571x575	1463x571x575
	Packing (W*D*H)	inch	57.60x22.48x22.64	57.60x22.48x22.64	57.60x22.48x22.64	57.60x22.48x22.64	57.60x22.48x22.64	57.60x22.48x22.64	57.60x22.48x22.64
	Net/Gross weight	lb	43.87/81.35	43.87/81.35	45.19/82.89	45.19/82.89	43.87/81.35	45.19/82.89	45.19/82.89
Qty'per 20' /40' /40'HQ		Indoor unit	64/128/128	64/128/128	64/128/128	64/128/128	64/128/128	64/128/128	64/128/128
Qty'per 20' /40' /40'HQ (separately package panel)		Indoor unit	72/150/180	72/150/180	72/150/180	72/150/180	72/150/180	72/150/180	72/150/180
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	13	15	15	20	13	13	19
MAX.FUSE(Outdoor)		A	15	15	15	25	15	15	30
Outdoor air flow		CFM	1294.12	1323.53	1323.53	1764.71	1294.12	1294.12	2058.82
Outdoor noise level		dB(A)	53.5	55.5	56	57.5	54	55	58
Throttle type			EXV	EXV	EXV	EXV	EXV	EXV	EXV+Throttle valve
Outdoor unit	Dimension(W*D*H)	inch	30.12x11.93x21.85	31.69x12.99x21.81	31.69x12.99x21.81	35.04x13.46x26.50	30.12x11.93x21.85	30.12x11.93x21.85	35.04x13.46x26.50
	Packing (W*D*H)	inch	34.92x13.27x24.02	36.02x14.57x24.21	36.02x14.57x24.21	39.17x15.67x29.13	34.92x13.27x24.02	34.92x13.27x24.02	39.17x15.67x29.13
	Net/Gross weight	lb	63.71/69.00	74.07/80.25	73.63/79.37	100.97/108.03	63.71/69.00	63.71/69.00	94.36/100.97
Refrigerant type			R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		oz	38.1	41.6	41.6	65.3	38.1	38.1	56.4
Additional charge for each ft		oz/ft	0.16	0.16	0.16	0.16	0.16	0.16	0.16
Design pressure		PSIG	550/340	550/340	550/340	550/340	550/340	550/340	550/340
Refrigerent piping	Liquid side/ Gas side	inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"
	Max. refrigerant pipe length	ft	82.02	82.02	82.02	98.42	82.02	82.02	98.42
	Max. difference in level	ft	32.81	32.81	32.81	65.62	32.81	32.81	65.62
Thermostat type			(Remote Control)	(Remote Control)	(Remote Control)	(Remote Control)	(Remote Control)	(Remote Control)	(Remote Control)
Qty'per 20' /40' /40'HQ		Outdoor unit	132/264/352	114/234/312	114/234/312	99/198/198	132/264/352	132/264/352	99/198/198
Refrigerant precharge		(ft)	25	25	25	25	25	25	25





INSTALLATION FLEXIBILITY

Require only 3-inch hole through a wall for conduits

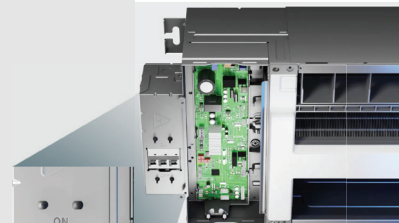
Industry-exclusive
2-way Installation



Double Row Tack Holes
Design can adapt to
various joist size



Built-in
Circuit Breaker
Simple and Safe



- Precisely cool & heat only the needed areas
- Customized settings for different spaces with different demands
- Built-in water pump



13.19
Unit Width
Inches

Unit Depth
9 inches

Unit length
50.3 Inches

Your actual Inverter Heat Pump system and related devices may differ from images shown in this specificationsheet. Test conditions are based on AHRI 210/240. Specifications are subject to change without notice. Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without incurring obligations.

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