



Smart Kit Optional



**REGULAR & HYPER**

**UP TO 20.5 SEER2**

**UNIVERSAL FLOOR CEILING** 18K-60K Btu/h



**REGULAR & HYPER**

**UP TO 24.2 SEER2**

**FLOOR CONSOLE** 12K and 16K Btu/h



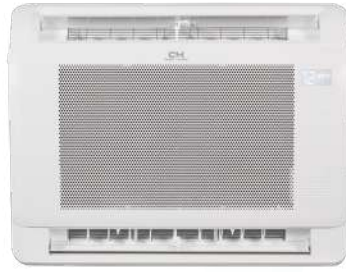
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TECHNICAL SUPPORT





**65% LARGER UPPER AIR OUTLET**



**94% WIDER LOWER AIR OUTLET**



Remote & Smart Kit Included



Humidity Sensor



**FLOOR CONSOLE 12K and 16K Btu/h**

Model-Indoor			CH-12MMC-230VI	CH-16MMC-230VI	CH-12MMC-230VI	CH-16MMC-230VI
Model-Outdoor			CH-HPR12-230VO	CH-HPR18-230VO	CH-ES12-230VO	CH-ES18-230VO
Power supply (Indoor)		V- Ph-Hz	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
Cooling	Capacity (range)	Btu/hr	12,000 (7,600~14,400)	16,000 (7,800~16,400)	12,000 (6,200~13,800)	16,000 (6,600~17,200)
	Input	W	902 (170~1,230)	1,456 (340~1774)	923 (797~1,196)	1,281 (603~1700)
	Current	A	4.13 (1.42~5.51)	6.66 (2.55~7.85)	4.22 (3.65~5.36)	6.13 (2.67~7.54)
	EER	Btu/hr/W	13.3	11	13	12.5
	SEER2	Btu/hr/W	24.2	20.2	25	22.4
Heating	Capacity (range)	Btu/hr	12,000 (5,000~15,700)	17,000 (8,600~21,800)	12,000 (3,800~14,600)	17,000 (6,800~21,600)
	Input	W	857 (342~1450)	1779 (590~2063)	901 (284~1203)	1661(500~2100)
	Current	A	4.12 (1.81~6.64)	8.0 (3.95~9.05)	4.23 (2.21~5.39)	7.40 (2.231~9.3)
	COP	W/W	4.1	2.8	3.9	3
	HSPF4	Btu/hr/W	10.7	8.9	11	10.4
	HSPF5	Btu/hr/W	8.7	7.3	8.2	8.2
MINIMUM CIRCUIT AMPACITY(Indoor)		A	3	3	3	3
MAX.FUSE(Indoor)		A	15	15	15	15
Indoor air flow (Turbo/Hi/Mi/Lo)		m3/h	750/640/550/450	850/750/650/550	750/640/550/450	850/750/650/550
		CFM	441/376/323/264	500/441/382/323	441/376/323/264	500/441/382/323
Indoor noise level (Hi/Mi/Lo)		dB(A)	42/39/25	45/40.5/30	40/37/26	45/43.5/30.5
Indoor unit	Dimension(W*D*H)	inch	31.26x7.87x24.45	31.26x7.87x24.45	31.26x7.87x24.45	31.26x7.87x24.45
	Packing (W*D*H)	inch	34.06x11.02x28.31	34.06x11.02x28.31	34.06x11.02x28.31	34.06x11.02x28.31
	Net/Gross weight	lb	32.85/41.45	32.85/41.45	32.85/41.45	32.85/41.45
Qty'per 20' /40' /40'HQ		Indoor unit	168/344/390	168/344/390	168/344/390	168/344/390
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	15	20	13	19
MAX.FUSE(Outdoor)		A	15	25	15	30
Refrigerant charge		oz	41.62	65.26	38.10	56.44
Additional charge for each ft		oz/ft	0.16	0.16	0.16	0.16
Design pressure		PSIG	550/340	550/340	550/340	550/340
Refrigerant piping		inch	1/4"/1/2"	1/4"/1/2"	1/4"/1/2"	1/4"/1/2"
	Max. refrigerant pipe length	ft	82.02	98.42	82.02	98.42
	Max. difference in level	ft	32.81	65.62	32.81	65.62
Room temperature	Indoor (Cooling)	°F	60~90	60~90	60~90	60~90
	Indoor (Heating)	°F	32~86	32~86	32~86	32~86
	Outdoor(Cooling)	°F	-22~122	-22~122	-13~122	-13~122
	Outdoor(Heating)	°F	-22~75	-22~75	-13~75	-13~75



**TECHNICAL SUPPORT**  
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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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