



NEW CONSOLE 2023 | 12K AND 16K Btu/h

65% LARGER UPPER AIR OUTLET
94% WIDER LOWER AIR OUTLET



WIFI

Remote and WIFI Kit Included



20.9 db



REGULAR OR HYPER | SINGLE OR MULTI ZONE

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 (Outdoor)		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	187-254	187-255	187-253
Cooling	Capacity (range)	Btu/hr	12000(7600~14400)	16000(7800~16400)	12000(6200~13800)	16000(6600~17200)
	Input	W	902(170~1230)	1456(340~1774)	923(797~1196)	1281(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
	SEER	Btu/hr/W	24.2	20.2	25	22.4
Heating	Capacity (range)	Btu/hr	12000(5000~15700)	17000(8600~21800)	12000(3800~14600)	17000(6800~21600)
	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	15	20	3	3
MAX.FUSE(Indoor)		A	15	25	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
Outdoor fan motor	Model		ZKFN-34-10-1	ZKFN-80-8-3	ZKFN-34-10-1	ZKFN-80-8-3
	Qty		1	1	1	1
	Input	W	/	/	/	/
	Output	W	34.0	80.0	34.0	80.0
	RLA	A	0.36	0.76	0.4	0.76
	Speed	r/min	850/680/450	810/720	800/600	810/720
Outdoor air flow		m3/h	2250	3000	2200	3500
Outdoor air flow		CFM	1323.53	1764.71	1294.12	2058.82
Outdoor noise level		dB(A)	56	58	54	58
Throttle type		/	EXV	EXV	EXV	EXV+Throttle valve
Outdoor Unit	Dimension(W*D*H)	inch	31.69x12.99x21.81	35.04x13.46x26.50	30.12x11.93x21.85	35.04x13.46x26.50
	Packing (W*D*H)	inch	36.02x14.57x24.21	39.17x15.67x29.13	34.92x13.27x24.02	39.17x15.67x29.13
	Net/Gross weight	lb	73.63/79.37	100.97/108.03	63.71/69.00	94.36/100.97
Refrigerant type			R410A	R410A	R410A	R410A
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	Liquid Side Gas	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
Thermostat type			(Remote Control)	(Remote Control)	(Remote Control)	(Remote Control)
Ambient Temperature	Indoor(cooling)	°F	60~90	60~90	60~90	60~90
	Indoor(cooling)	°F	32~86	32~86	32~86	32~86
	Outdoor(cooling)	°F	-30~24	-30~24	-13~122	-13~122
	Outdoor(cooling)	°F	-22~75	-22~75	-13~75	-13~75



ALL OUTDOOR UNITS INCLUDE:

HIGH-FREQUENCY RACER TECHNOLOGY:
Enables the compressor to reach maximum speed within 6 seconds on start up

HIGH-EFFICIENCY PIPES:
54 teeth to increase heat exchange

INTELLIGENT DUSTING SWITCH:
Reverses the fan to clean dust, sand, and other debris from the coil

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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