



LIMITED WARRANTY  
**7 YEARS** COMPRESSOR  
**5 YEARS** PARTS



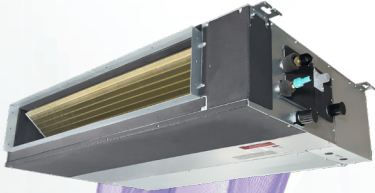
TECHNICAL SUPPORT  
[cooperandhunter.us](http://cooperandhunter.us) | 786-953-6706





UP TO 20.2 SEER2

9K, 12K, 18K, 24K, 36K, 48K, 60K Btu/h



CONTROL OPTIONS

- Remote Control included
- Wired Thermostat Included

Line Set Model 9mm	Line Set Model 13mm	Line Set Size
PJX-N1-C16FTW-MAX	PJX-N1-C16FTW-MAX-i05	1/4" - 3/8"
PJX-N1-C25FTW-MAX	PJX-N1-C25FTW-MAX-i05	1/4" - 3/8"
PJX-N1-C50FTW-MAX	PJX-N1-C50FTW-MAX-i05	1/4" - 3/8"
PJX-N2-C16FTW-MAX	PJX-N2-C16FTW-MAX-i05	1/4" - 1/2"
PJX-N2-C25FTW-MAX	PJX-N2-C25FTW-MAX-i05	1/4" - 1/2"
PJX-N2-C50FTW-MAX	PJX-N2-C50FTW-MAX-i05	1/4" - 1/2"
PJX-N3-C16FTW-MAX	PJX-N3-C16FTW-MAX-i05	3/8" - 5/8"
PJX-N3-C25FTW-MAX	PJX-N3-C25FTW-MAX-i05	3/8" - 5/8"
PJX-N3-C50FTW-MAX	PJX-N3-C50FTW-MAX-i05	3/8" - 5/8"
PJX-N4-C25FTW-MAX		3/8" - 3/4"
PJX-N4-C50FTW-MAX		3/8" - 3/4"
PJX-N6-C25FTW-MAX		3/8" - 7/8"
PJX-N6-C50FTW-MAX		3/8" - 7/8"



HYPER

INDOOR			CH-M09DTUI	CH-M12DTUI	CH-M18DTUI	CH-24MDT-W*	CH-36L
Indoor Model							
Power Supply	Rated	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230
	Rated Capacity	Cooling	Btu/h	9,000	12,000	17,000	24,000
Heating		Btu/h	10,000	12,500	19,000	25,000	42,000
Minimum Circuit Ampacity (MCA)	A		1.2	1.3	3	3	3
Max. Fuse	A		15	15	15	15	15
Indoor Air Flow (Turbo/Hi/Mi/Lo)	CFM		353/353/282/176	353/353/282/176	529/529/450/371	775/775/693/435	1,082/1,082
Indoor Noise Level (Hi/Mi/Lo)	dB(A)		33/30.5/27	40/31.5/26.5	40/37.5/35	44/40/35.5	49.5/46
Indoor	Dimension (WxDxH)	inch	27.56x19.92x7.87	27.56x19.92x7.87	34.65x26.54x8.27	43.31x30.47x9.80	53.54x30.47
	Packing (WxDxH)	inch	33.86x21.26x11.22	33.86x21.26x11.22	42.13x28.54x11.02	51.38x31.69x12.40	61.81x31.69
	Net/Gross Weight	lbs.	39.02/48.28	39.24/48.50	55.34/67.02	90.39/105.82	110.89/131.23
Room Temperature	Cooling	°F	62-90	62-90	62-90	62-90	62-90
	Heating	°F	32-86	32-86	32-86	32-86	32-86
Liquid Side/Gas Side	inch		1/4"/3/8"	1/4"/1/2"	1/4"/1/2"	3/8"/5/8"	3/8"/1/2"

HYPER

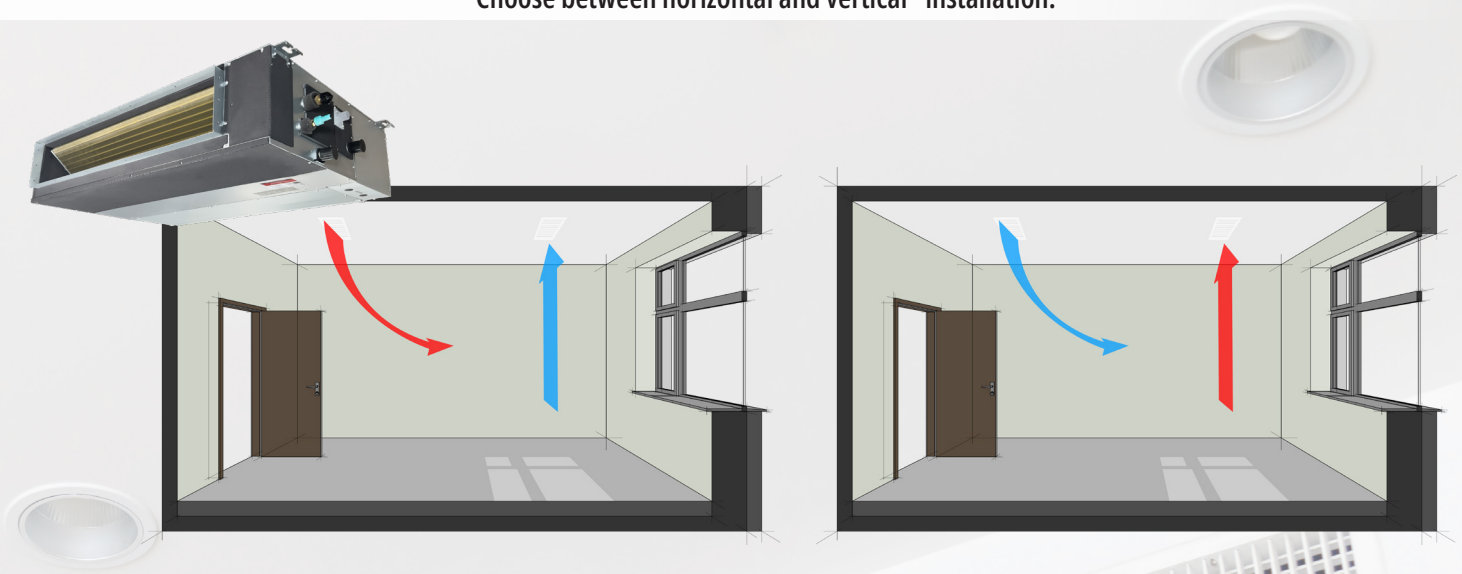
OUTDOOR			CH-HPR09-230VO	CH-HPR12-230VO	CH-HPR18-230VO	CH-HPR24-230VO	CH-NHPR36	
Outdoor Model								
	Power Supply	Rated	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230
Cooling	Rated Capacity Range	Rated Current	A	4.7	4.22	9.32	8.52	17.7
		EER2	Btu/h	13.2	11.7	11.7	12	9
Heating at 47°F	Rated Capacity Range	SEER2	Btu/h	20.2	19.5	18	19.2	16
		Rated current	A	4.0	4.58	11.5	8.19	16
Minimum Circuit Ampacity	Max.Fuse (Outdoor Unit)	COP	W/W	3.37	3.56	2.93	3.3	3.3
		HSPF4		12	10	9.5	10.5	11
Outdoor Air Flow (Max.)	Outdoor Noise Level (Sound Pressure)	HSPF5		9.5	8.2	7.5	8.8	8.8
		Dimension (WxDxH)	inch	31.69x12.99x21.81	31.69x12.99x21.81	35.04x13.46x26.50	37.24x16.14x31.89	37.48x16.14
Refrigerant Type / Charge	Refrigerant Precharge Length	Packing (WxDxH)	inch	36.02x14.57x24.21	36.02x14.57x24.21	39.17x15.67x29.13	42.91x19.69x34.84	43.11x19.69
		Net/Gross Weight	lbs.	74.07/80.25	73.63/79.37	100.97/108.03	134.48/144.40	220.24/231.23
Additional Charge for Each ft.	Design Pressure	Refrigerant Type / Charge	oz.	R410A / 41.62	R410A / 41.62	R410A / 65.26	R410A / 91.71	R410A / 131.23
		Refrigerant Piping Liquid Side/Gas Side	inch	1/4"/3/8"	1/4"/1/2"	1/4"/1/2"	3/8"/5/8"	3/8"/1/2"
Certifications	UL	Max. Pipe Length	ft.	82.02	82.02	98.42	164.04	213.04
		Max. Difference in Level	ft.	32.81	32.81	65.62	82.02	98.42
Ambient Temperature	ETL	Cooling	°F	-22-122	-22-122	-22-122	-22-122	5-122
		Heating	°F	-22-75	-22-75	-22-75	-22-75	-22-75
Energy Star	NEEP	AHRI		✓	✓	✓	✓	✓
		CSA		✓	✓	✓	✓	✓

LIGHT COMMERCIAL			REGULAR				LIGHT COMMERCIAL			
CDT-W*	CH-48LCDTU/I	CH-60LCDTU/I	CH-M09DTUI	CH-M12DTUI	CH-M18DTUI	CH-24MDT-W*	CH-36LCDT-W*	CH-48LCDTU/I	CH-60LCDTU/I	
0,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	
000	48,000	60,000	9,000	11,500	17,000	23,000	36,000	48,000	60,000	
000	52,000	57,000	10,000	12,000	20,000	25,000	40,000	50,000	60,000	
	5	5	1.3	1.3	3	3	3	3	5	
	15	15	15	15	15	15	15	15	15	
2/912/703	1,529/1,529/1,118/735	2,303/2,156/1,709/1,262	353/353/282/176	353/353/282/176	529/529/450/371	775/775/693/435	1,082/1,082/912/703	1,228/1,228/1,031/715	2,303/2,156/1,709/1,262	
3.5/43	54.5/50.5/47.5	54/49.5/46	33.5/28.5/27	38/34.5/31	42/38/35.5	44/41/37	48/43.5/40.5	52/50/49	57/54/51	
47x9.80	47.24x34.41x11.81	55.12x33.78x18.11	27.56x19.92x7.87	27.56x19.92x7.87	34.65x26.54x8.27	43.31x30.47x9.80	53.54x30.47x9.80	47.24x34.41x11.81	55.12x33.78x18.11	
99x12.99	55.31x36.02x14.37	63.19x35.83x21.06	33.86x21.26x11.22	33.86x21.26x11.22	42.13x28.54x11.02	51.38x31.69x12.40	61.81x31.69x12.99	55.31x36.02x14.37	63.19x35.83x21.06	
128.09	119.71/141.76	174.60/200.40	39.02/48.28	39.24/48.50	55.34/67.02	90.39/105.82	110.89/128.09	119.71/141.76	174.60/200.40	
90	62-90	62-90	62-90	62-90	62-90	62-90	62-90	62-90	62-90	
86	32-86	32-86	32-86	32-86	32-86	32-86	32-86	32-86	32-86	
5/8"	3/8"/5/8"	3/8"/7/8"	1/4"/3/8"	1/4"/1/2"	1/4"/1/2"	3/8"/5/8"	3/8"/5/8"	3/8"/5/8"	3/8"/7/8"	

LIGHT COMMERCIAL			REGULAR				LIGHT COMMERCIAL			
LCU-230VO	CH-NHPR48LCU-230VO	CH-NHPR60LCU-230VO	CH-ES09-230VO	CH-ES12-230VO	CH-ES18-230VO	CH-ES24-230VO	CH-N36LCU-230VO	CH-N48LCU-230VO	CH-N60LCU-230VO	
0,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	208/230,1,60	
253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	
11,600	10,300-53,100	12,000-59,000	2,220-11,600	2,100-13,450	5,800-18,000	6,100-28,200	8,900-36,000	10,500-48,000	12,000-62,000	
5	26	26	4.8	4.38	6.17	8.5	18.63	24.5	25	
	8.2	9.4	12.5	11.7	12.5	12.5	8.8	8.5	10.3	
5	14.3	15.8	19.2	19	20	19	15.8	15.1	17	
52,000	11,500-63,600	12,000-63,600	2,240-13,350	1,900-15,000	5,000-20,000	11,700-33,000	12,700-40,000	11,000-63,400	12,000-60,000	
9	20.5	22.5	3.7	4.78	7.90	9.3	15.4	20.5	22	
33	3.28	3.24	3.62	3.52	3.12	3.61	3.3	3.19	3.52	
	10.3	9.5	10.2	10.3	10.6	11.2	8.8	9.3	8.4	
3	8.4	7.8	8	7.8	8.2	8.8	7	7.3	6.5	
	40	44	13	13	19	22	30	39	39	
	50	60	15	15	30	30	45	50	50	
00	4,500	4,235	1,294	1,294	2,059	2,235	3,000	4,500	2,647	
5	65	60.5	55	53.5	60	59	65	63.5	62.5	
34x52.48	37.48x16.34x52.48	37.48x16.34x52.48	30.12x11.93x21.85	30.12x11.93x21.85	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48	
49x58.27	43.11x19.49x58.27	43.11x19.49x58.27	34.92x13.27x24.02	34.92x13.27x24.02	39.17x15.67x29.13	42.91x19.69x34.84	42.91x19.69x34.84	43.11x19.49x58.27	43.11x19.49x58.27	
248.02	227.07/255.73	240.74/271.61	63.71/69.00	63.71/69.00	94.36/100.97	124.78/134.92	155.42/166.23	219.14/249.12	217.15/248.24	
148.4	R410A / 148	R410A / 169	R410A / 38	R410A / 38	R410A / 56.44	R410A / 82.89	R410A / 112.9	R410A / 158.7	R410A / 169.3	
5	25	25	25	25	25	25	25	25	25	
2	0.32	0.32	0.16	0.16	0.16	0.32	0.32	0.32	0.32	
340	550/340	550/340	550/340	550/340	550/340	550/340	550/340	550/340	550/340	
5/8"	3/8"/5/8"	3/8"/7/8"	1/4"/3/8"	1/4"/1/2"	1/4"/1/2"	3/8"/5/8"	3/8"/5/8"	3/8"/5/8"	3/8"/7/8"	
25	213.25	213.25	82.02	82.02	98.42	164.04	213.25	213.25	213.25	
42	98.42	98.42	32.81	32.81	65.62	82.02	98.42	98.42	98.42	
22	5-122	5-122	-13-122	-13-122	-13-122	-13-122	5-122	5-122	5-122	
-75	-22-75	-22-75	-13-75	-13-75	-13-75	-13-75	-13-75	-13-75	-13-75	
			✓	✓	✓	✓				
			✓	✓	✓	✓				
	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	✓	✓								

# Flexible Installation

Choose between horizontal and vertical\* installation.

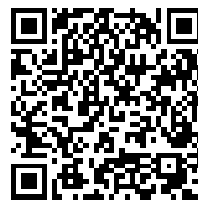


\*Vertical installation only available for 24K, 36K and 48K models



Learn how you can maximize the efficiency on the Slim Duct in Multi-Zones by accessing our combination charts.

SCAN here to access our Multi-Unit Combination Guide



REGULAR



HYPER



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

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