



LIMITED WARRANTY
7 YEARS COMPRESSOR
5 YEARS PARTS



TECHNICAL SUPPORT
cooperandhunter.us | 786-953-6706

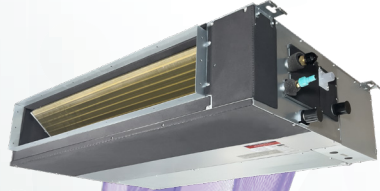




(*Smart Kit Built-In)

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"

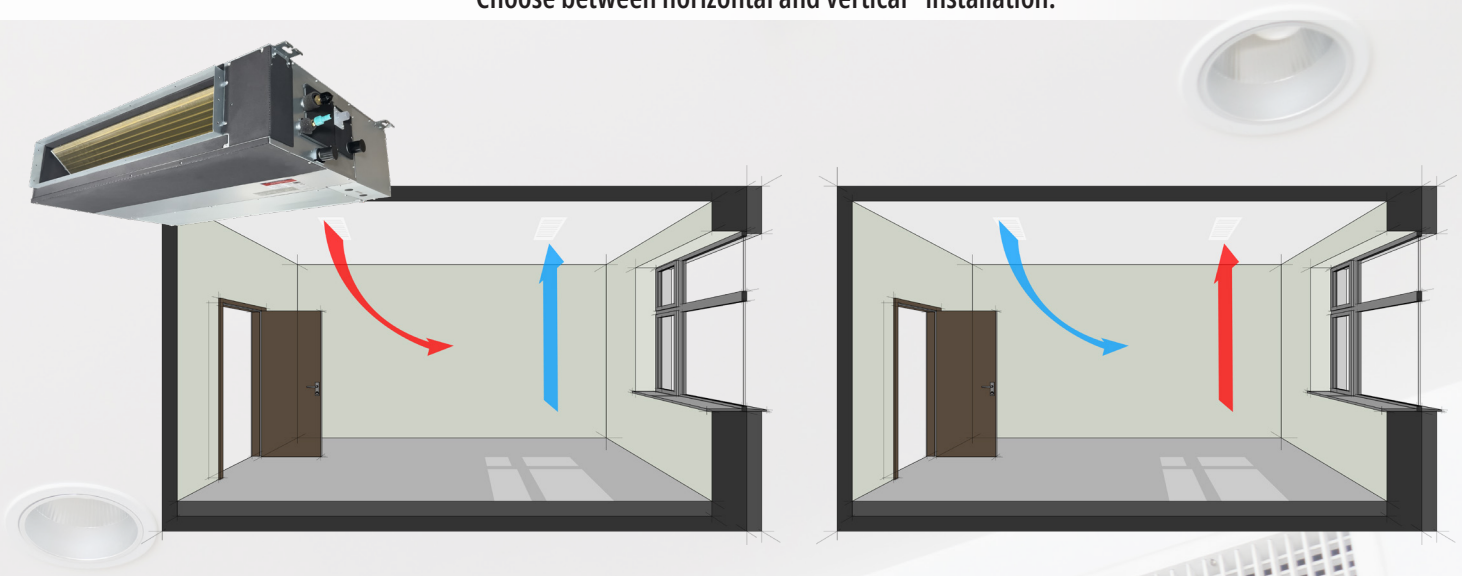


			HYPER				LIGHT COMMERCIAL			REGULAR				LIGHT COMMERCIAL			
INDOOR	Indoor Model		CH-M09DTUI	CH-M12DTUI	CH-M18DTUI	CH-24MDT-W*	CH-36LCDT-W*	CH-48LCDTUI	CH-60LCDTUI	CH-M09DTUI	CH-M12DTUI	CH-M18DTUI	CH-24MDT-W*	CH-36LCDT-W*	CH-48LCDTUI	CH-60LCDTUI	
	Power Supply	Rated	V, Ph, Hz	208/230,1, 60	208/230,1, 60	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	208/230,1, 60	208/230,1, 60	208/230,1, 60	208/230,1, 60	208/230,1, 60
	Rated Capacity	Cooling	Btu/h	9,000	12,000	17,000	24,000	36,000	48,000	60,000	9,000	11,500	17,000	23,000	36,000	48,000	60,000
Heating		Btu/h	10,000	12,500	19,000	25,000	42,000	52,000	57,000	10,000	12,000	20,000	25,000	40,000	50,000	60,000	
Minimum Circuit Ampacity (MCA)		A	1.2	1.3	3	3	3	5	5	1.3	1.3	3	3	3	3	5	
Max. Fuse		A	15	15	15	15	15	15	15	15	15	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	1,082/1,082/912/703	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	
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	49.5/46.5/43	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	
Indoor	Dimension (WxDxH)	inch	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	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	
	Packing (WxDxH)	inch	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	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	
	Net/Gross Weight	lbs.	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	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	
Room Temperature	Cooling	°F	62-90	62-90	62-90	62-90	62-90	62-90	62-90	62-90	62-90	62-90	62-90	62-90	62-90	62-90	
	Heating	°F	32-86	32-86	32-86	32-86	32-86	32-86	32-86	32-86	32-86	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"/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"	

			HYPER				LIGHT COMMERCIAL			REGULAR				LIGHT COMMERCIAL			
OUTDOOR	Outdoor Model		CH-HPR09-230VO	CH-HPR12-230VO	CH-HPR18-230VO	CH-HPR24-230VO	CH-NHPR36LCU-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	
	Power Supply	Rated	V, Ph, Hz	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	208/230,1, 60	208/230,1, 60	208/230,1, 60	208/230,1, 60	208/230,1, 60
		Voltage Range	V	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253
Cooling	Rated Capacity Range	Btu/h	2,400-12,500	2,250-14,400	6,500-18,800	6,500-27,800	9,770-41,600	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	
	Rated Current	A	4.7	4.22	9.32	8.52	17.5	26	26	4.8	4.38	6.17	8.5	18.63	24.5	25	
	EER2	Btu/h	13.2	11.7	11.7	12	9	8.2	9.4	12.5	11.7	12.5	12.5	8.8	8.5	10.3	
	SEER2	Btu/h	20.2	19.5	18	19.2	16.5	14.3	15.8	19.2	19	20	19	15.8	15.1	17	
	Rated Capacity Range	Btu/h	1,700-15,600	1,800-16,300	8,900-22,000	12,200-32,200	12,700-52,000	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	
Heating at 47°F	Rated current	A	4.0	4.58	11.5	8.19	16.9	20.5	22.5	3.7	4.78	7.90	9.3	15.4	20.5	22	
	COP	W/W	3.37	3.56	2.93	3.3	3.33	3.28	3.24	3.62	3.52	3.12	3.61	3.3	3.19	3.52	
	HSPF4		12	10	9.5	10.5	11	10.3	9.5	10.2	10.3	10.6	11.2	8.8	9.3	8.4	
	HSPF5		9.5	8.2	7.5	8.8	8.8	8.4	7.8	8	7.8	8.2	8.8	7	7.3	6.5	
Minimum Circuit Ampacity		A	15	15	20	25	40	40	44	13	13	19	22	30	39	39	
Max. Fuse (Outdoor Unit)		A	15	15	25	35	50	50	60	15	15	30	30	45	50	50	
Outdoor Air Flow (Max.)		CFM	1,324	1,324	1,765	2,235	4,500	4,500	4,235	1,294	1,294	2,059	2,235	3,000	4,500	2,647	
Outdoor Noise Level (Sound Pressure)		dB(A)	54	52	59	62	65	65	60.5	55	53.5	60	59	65	63.5	62.5	
Dimension (WxDxH)		inch	31.69x12.99x21.81	31.69x12.99x21.81	35.04x13.46x26.50	37.24x16.14x31.89	37.48x16.34x52.48	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	
Packing (WxDxH)		inch	36.02x14.57x24.21	36.02x14.57x24.21	39.17x15.67x29.13	42.91x19.69x34.84	43.11x19.49x58.27	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	
Net/Gross Weight		lbs.	74.07/80.25	73.63/79.37	100.97/108.03	134.48/144.40	220.24/248.02	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	
Refrigerant Type / Charge		oz.	R410A / 41.62	R410A / 41.62	R410A / 65.26	R410A / 91.71	R410A / 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	
Refrigerant Precharge Length		ft.	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
Additional Charge for Each ft.		oz/ft	0.16	0.16	0.16	0.32	0.32	0.32	0.32	0.16	0.16	0.16	0.32	0.32	0.32	0.32	
Design Pressure		PSIG	550/340	550/340	550/340	550/340	550/340	550/340	550/340	550/340	550/340	550/340	550/340	550/340	550/340	550/340	
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"/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"	
Max. Pipe Length		ft.	82.02	82.02	98.42	164.04	213.25	213.25	213.25	82.02	82.02	98.42	164.04	213.25	213.25	213.25	
Max. Difference in Level		ft.	32.81	32.81	65.62	82.02	98.42	98.42	98.42	32.81	32.81	65.62	82.02	98.42	98.42	98.42	
Ambient Temperature	Cooling	°F	-22-122	-22-122	-22-122	-22-122	5-122	5-122	5-122	-13-122	-13-122	-13-122	-13-122	5-122	5-122	5-122	
	Heating	°F	-22-75	-22-75	-22-75	-22-75	-22-75	-22-75	-22-75	-13-75	-13-75	-13-75	-13-75	-13-75	-13-75	-13-75	
Certifications	UL		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	
	ETL									✓	✓	✓	✓	✓	✓	✓	
	AHRI		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Energy Star		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	NEEP		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	CSA						✓	✓	✓	✓							

Flexible Installation

Choose between horizontal and vertical* installation.

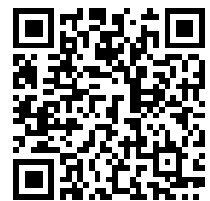


Learn how you can maximize the efficiency on the Slim Duct in Multi-Zones by accessing our combination charts.

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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