



cooperandhunter.us | TECHNICAL SUPPORT 786-953-6706





# Universal Floor Ceiling

(\*Smart Kit Built-In)



UP TO 23 SEER2  
18K, 24K, 36K, 48K, 60K Btu/h



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-18MSPHFC-230VI	CH-24MSPHFC-230VI	CH-36LCFC/I CH-36LCFC-W*	CH-48LCFC/I CH-48LCFC-W*	CH-60LCFC/I CH-60LCFC-W*	CH-18MSPHFC-230VI	CH-24MSPHFC-230VI	CH-36LCFC/I CH-36LCFC-W*	CH-48LCFC/I CH-48LCFC-W*	CH-60LCFC-W
	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
Rated Capacity	Cooling	Btu/h	17,000	24,000	36,000	48,000	55,000	18,000	24,000	36,000	48,000	54,000
	Heating	Btu/h	18,000	25,000	39,000	51,000	60,000	20,000	24,000	38,000	50,000	60,000
Minimum Circuit Ampacity (MCA)	A		1.9	2.5	1.9	2.3	3	1.9	2.5	1.9	2.3	3
Max. Fuse	A		15	15	15	15	15	15	15	15	15	15
Indoor Air Flow (Turbo/Hi/Mi/Lo)	CFM		583/548/485/421	795/759/708/598	1,075/1,036/917/638	1,400/1,353/ 1,118/1,000	1,430/1,384/1,029/795	583/548/485/421	795/759/708/598	1,075/1,036/917/638	1,400/1,353/1,118/1,000	1,430/1,384/1,029/795
Indoor Noise Level (Hi/Mi/Lo)	dB(A)		45.5/43/39	51/47.5/42	52.5/48.5/42.5	55/50/44	54/47/44	47/43.5/40.5	51/47/42	51.5/48.0/40.5	55/49.5/44.5	55/48/42
Indoor	Dimension (WxDxH)	inch	42.05x26.57x9.25	42.05x26.57x9.25	50.59x26.57x9.25	64.96x26.57x9.25	64.96x26.57x9.25	42.05x26.57x9.25	42.05x26.57x9.25	50.59x26.57x9.25	64.96x26.57x9.25	64.96x26.57x9.25
	Packing (WxDxH)	inch	45.08x29.72x12.52	45.08x29.72x12.52	53.54x29.72x12.52	67.91x29.72x12.52	67.91x29.72x12.52	45.08x29.72x12.52	45.08x29.72x12.52	53.54x29.72x12.52	67.91x29.72x12.52	67.91x29.72x12.52
	Net/Gross Weight	lbs.	57.10/68.34	60.63/72.09	69/81.57	87.74/102.29	96.56/111.99	57.10/68.34	60.63/72.09	69/81.57	87.74/102.29	96.56/111.99
Room Temperature	Cooling	°F	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
Liquid Side/Gas Side	inch		1/4"/1/2"	3/8"/5/8"	3/8"/5/8"	3/8"/5/8"	3/8"/7/8"	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-HPR18-230VO	CH-HPR24-230VO	CH-NHPR36LCU-230VO	CH-NHPR48LCU-230VO	CH-NHPR60LCU-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
Voltage Range		V	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	7,800-19,900	5,400-26,800	7,780-42,100	2,150-48,000	20,000-55,000	6,200-18,000	7,700-25,500	11,476-36,000	15,861-48,000	15,000-54,000
	Rated Current	A	8.80	9.55	17.8	24.86	27	6.29	8.78	19.09	23.6	24.10
	EER2	Btu/h	12.5	11.7	8.8	8.2	9	12.5	12.5	8.5	9.3	9.8
	SEER2	Btu/h	20.5	20.5	17.6	17	17.3	23	21.2	19	18.9	19.8
Heating at 47°F	Rated Capacity Range	Btu/h	8,600-21,500	12,500-30,500	11,500-45,700	11,800-56,300	10,200-62,000	8,100-20,000	11,600-30,900	11,467-38,000	12,159-50,000	17,000-60,000
	Rated current	A	10.9	9.15	19	20.6	26	8.51	8.77	18.04	25.5	25.5
	COP	W/W	3.01	3.56	2.69	2.9	2.98	2.92	3.66	2.68	2.5	3.03
	HSPF4		9.8	11	10	9.8	10.2	10	10.3	9	10	9
	HSPF5		7.5	9	8.2	7.5	8.4	7.7	7.8	7	7.5	7
Minimum Circuit Ampacity	A		20	25	40	40	44	19	23	30	36.5	39
Max.Fuse (Outdoor Unit)	A		25	35	50	50	60	30	30	45	50	50
Outdoor Air Flow (Max.)	CFM		1,765	2,235	4,500	4,500	4,235	2,059	2,235	3,000	4,500	2,647
Outdoor Noise Level (Sound Pressure)	dB(A)		59	62.5	63	65	61	60	61	65	63.5	64
Dimension (WxDxH)	inch		35.04x13.46x26.50	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48	37.48x16.34x52.48	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48
Packing (WxDxH)	inch		39.17x15.67x29.13	42.91x19.69x34.84	43.11x19.49x58.27	43.11x19.49x58.27	43.11x19.49x58.27	39.17x15.67x29.13	42.91x19.69x34.84	42.91x19.69x34.84	43.11x19.49x58.27	43.11x19.49x58.27
Net/Gross Weight	lbs.		100.97/108.03	134.48/144.40	220.24/248.02	227.07/255.73	240.74/271.61	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 / 65.26	R410A / 91.71	R410A / 148.4	R410A / 148	R410A / 169	R410A/56.44	R410A/82.89	R410A / 113	R410A /159	R410A / 169.3
Refrigerant Precharge Length	ft.		25	25	25	25	25	25	25	25	25	25
Additional Charge for Each ft.	oz/ft		0.16	0.32	0.32	0.32	0.32	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
Refrigerant Piping Liquid Side/Gas Side	inch		1/4"/1/2"	3/8"/5/8"	3/8"/5/8"	3/8"/5/8"	3/8"/7/8"	1/4"/1/2"	3/8"/5/8"	3/8"/5/8"	3/8"/5/8"	3/8"/7/8"
Max. Pipe Length	ft.		98.42	164.04	213.25	213.25	213.25	98.42	164.04	213.25	213.25	213.25
Max. Difference in Level	ft.		65.62	82.02	98.42	98.42	98.42	65.62	82.02	98.42	98.42	98.42
Ambient Temperature	Cooling	°F	-22-122	-22-122	5-122	5-122	5-122	-13-122	-13-122	5-122	5-122	5-122
	Heating	°F	-22-75	-22-75	-22-75	-22-75	-22-75	-13-75	-13-75	5-75	5-75	5-75





# Universal Floor Ceiling

## CONTROL OPTIONS



- Smart Kit ready with Downloadable C&H Remote app
- Remote Control included
- Optional C&H Thermostat

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# Universal Floor Ceiling

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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SCAN HERE FOR FLOOR CEILING MODELS

