

Ceiling Cassette



*Panel sold separately,
not included with Unit.

UP TO 22.6 SEER2
9K, 12K, 18K, 24K, 36K, 48K Btu/h



Wall Thermostat should be connected
with the unit to be Smart



CONTROL OPTIONS

- Smart Kit Built In with Downloadable C&H app
- Remote Control Included
- Wall Thermostat

Line Set Model 3/4"	Line Set Model 1/2"	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"



Refrigerant
Sensor



Humidity
Sensor



INDOOR

			LIGHT COMMERCIAL						LIGHT COMMERCIAL					
Ceiling Cassette PRO (Model Numbers)			CH-RSH09-12MCT (Dip Switch for 9K)	CH-RSH09-12MCT (Dip Switch for 12K)	CH-RSH18MCT	CH-RSH24MCT	CH-RSH36LCCT	CH-RSH48LCCT	CH-RSH09-12MCT (Dip Switch 9)	CH-RSH09-12MCT (Dip Switch 12)	CH-RSH18MCT	CH-RSH24MCT	CH-RSH36LCCT	CH-RSH48LCCT
Ceiling Cassette (Model Numbers)			CH-RH09MCT	CH-RH12MCT	CH-RH18MCT	CH-RH24MCT	CH-RH36LCCT	CH-RH48LCCT	CH-RH09MCT	CH-RH12MCT	CH-RH18MCT	CH-RH24MCT	CH-RH36LCCT	CH-RH48LCCT
Panel Model Number			CH-NPNL09-18CT	CH-NPNL09-18CT	CH-NPNL09-18CT	CH-NPNL24-48CT	CH-NPNL24-48CT	CH-NPNL24-48CT	CH-NPNL09-18CT	CH-NPNL09-18CT	CH-NPNL09-18CT	CH-NPNL24-48CT	CH-NPNL24-48CT	CH-NPNL24-48CT
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
Rated Capacity	Cooling	Btu/h	9,000	12,000	16,000	23,400	36,600	48,000	9,000	12,000	16,800	24,000	36,000	48,000
	Heating	Btu/h	10,000	12,000	19,000	25,000	37,000	53,000	10,000	12,000	18,000	25,000	38,000	50,000
Minimum Circuit Ampacity (MCA)		A	3	3	3	3	3	3	3	3	3	3	3	3
Max. Fuse		A	15	15	15	15	15	15	15	15	15	15	15	15
Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)		CFM	417.9/364.9/306.1/ 194.2/147.2	417.9/364.9/306.1/ 194.2/147.2	447.3/388.5/317.8/ 194.2/147.2	765.2/706.3/635.7/ 547.4/N/A	1041.8/947.6/853.5/ 753.4/659.2	1236.1/1124.2/1018.3/ 800.5/688.7	417.9/364.9/306.1/ 194.2/147.2	417.9/364.9/306.1/ 194.2/147.2	447.3/388.5/317.8/ 194.2/147.2	765.2/706.3/635.7/ 547.4/N/A	1041.8/947.6/853.5/ 753.4/659.2	1236.1/1124.2/1018.3/ 800.5/688.7
Indoor Noise Level (Turbo/Hi/Mi/Lo/Si)		dB(A)	42.5/40/37.5/26/24	46/43.5/40.5/27.5/26	48/44.5/41/27.5/23.5	48.5/45/42.5/33.5/N/A	54/52.5/47/39.5/36.5	56/52.5/50/42.5/38.5	42.5/40/37.0/26.0/24.0	46/42.0/38.5/26.5/24.0	48/44.0/41.0/28.5/24.5	N/A/45.5/43.0/33.5/30.5	N/A/52.0/47.5/40.0/38.00	N/A/52.0/49.5/41.5/38.00
Indoor	Dimension (WxDxH)	inch	22.44x22.44x9.65	22.44x22.44x9.65	22.44x22.44x9.65	32.68x32.68x8.07	32.68x32.68x9.65	32.68x32.68x11.30	22.44x22.44x9.65	22.44x22.44x9.65	22.44x22.44x9.65	32.68x32.68x8.07	32.68x32.68x9.65	32.68x32.68x11.30
	Packing (WxDxH)	inch	28.15x25.20x11.61	28.15x25.20x11.61	28.15x25.20x11.61	35.83x35.83x9.84	35.83x35.83x11.42	35.83x35.83x12.99	28.15x25.20x11.61	28.15x25.20x11.61	28.15x25.20x11.61	35.83x35.83x9.84	35.83x35.83x11.42	35.83x35.83x12.99
	Net/Gross Weight	lbs.	35.27/41.89	35.27/41.89	35.27/41.89	47.18/59.08	59.30/71.43	64.59/76.06	35.27/41.89	35.27/41.89	35.27/41.89	47.18/59.08	59.30/71.43	64.59/76.06
Room Temperature	Cooling	°F	60~90	60~90	60~90	60~90	60~90	60~90	62~90	62~90	62~90	60~90	60~90	60~90
	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
Liquid Side/Gas Side		inch	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	3/8"/5/8"	3/8"/3/4"	3/8"/3/4"	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	3/8"/5/8"	3/8"/3/4"	3/8"/3/4"

OUTDOOR

			HYPER	LIGHT COMMERCIAL						REGULAR	LIGHT COMMERCIAL					
Outdoor Model			CH-RHP09-230VO	CH-RHP12-230VO	CH-RHP18-230VO	CH-RHP24-230VO	CH-RHP36LCU-230VO	CH-RHP48LCU-230VO	CH-RES09-230VO	CH-RES12-230VO	CH-RES18-230VO	CH-RES24-230VO	CH-R36LCU-230VO	CH-R48LCU-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		
	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		
Cooling	Rated Capacity Range	Btu/h	3,700~13,600	3,800~15,100	7,000~18,500	12,800~26,200	4,900~38,000	4,900~52,700	3,700~12,000	3,700~14,000	5,300~17,800	12,300~26,800	6,400~39,800	10,600~50,400		
	Rated Current	A	4.8	4.6	8	8.9	13.5	21.0	4.5	4.3	6.1	8.8	16.4	22.5		
	EER2	Btu/h	14	12.5	12.5	12	12	10	14.3	12.5	12.5	12	9.6	9.5		
	SEER2	Btu/h	22.6	22.2	20	20.7	21.2	18	21.6	21.1	20.7	22	20	19		
Heating at 47°F	Rated Capacity Range	Btu/h	5,100~15,700	5,300~16,200	8,700~20,000	11,500~30,700	11,400~44,600	19,000~57,400	4,700~13,700	4,700~15,000	7,100~21,500	11,600~33,100	14,400~42,200	19,900~61,700		
	Rated current	A	3.3	4.4	11	9.5	14.1	22	3.3	4.3	7.2	10.2	15	22.1		
	COP	W/W	4.00	3.70	3.18	3.54	3.43	3.09	4.00	3.55	3.36	3.20	3.31	2.96		
	HSPF4		12.1	11.6	12.3	11.6	10.6	11.0	11.3	10.4	11.4	10.5	10.3	9.9		
	HSPF5		9.3	8.9	9.5	9.2	7.9	7.7	8.8	7.9	8.5	8.1	8.8	8.8		
Minimum Circuit Ampacity		A	15	15	19	24.9	38	44	12	12	18	24	33	39		
Max.Fuse (Outdoor Unit)		A	15	15	20	25	40	45	15	15	20	25	35	40		
Outdoor Air Flow (Max.)		CFM	1,471.5	1,471.5	1,765.8	2,236.7	3,001.9	4,237.9	1,236.1	1,236.1	1,765.8	2,236.7	2,413.3	4,237.9		
Outdoor Noise Level (Sound Pressure)		dB(A)	55	57	57.5	61.5	64.5	62.5	54.5	54.5	57.5	59.5	63	62.5		
Dimension (W×D×H)		inch	31.69x12.99x21.81	31.69x12.99x21.81	35.04x13.46x26.50	37.24x16.14x31.89	38.58x16.34x38.39	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		
Packing (W×D×H)		inch	36.02x14.57x24.21	36.02x14.57x24.21	39.17x15.67x29.13	42.91x19.68x34.84	45.08x19.68x42.52	43.11x19.49x57.48	34.92x13.27x24.02	34.92x13.27x24.02	39.17x15.67x29.13	42.91x19.68x34.84	42.91x19.68x34.84	43.11x19.49x57.48		
Net/Gross Weight		lbs.	72.75/78.70	72.75/78.70	99.87/107.80	130.29/141.31	206.57/237.44	208.78/239.86	62.17/67.68	62.17/67.68	92.59/100.31	122.13/132.28	152.34/162.48	208.78/239.86		
Refrigerant Type / Charge		oz.	R454B/35.27	R454B/35.27	R454B/55.38	R454B/63.49	R454B/126.99	R454B/126.99	R454B/32.45	R454B/32.45	R454B/47.97	R454B/ 70.55	R454B/91.71	R454B/126.99		
Refrigerant Precharge Length		ft.	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	0.16	0.16	0.16	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		
Refrigerant Piping Liquid Side/Gas Side		inch	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	3/8"/5/8"	3/8"/3/4"	3/8"/3/4"	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	3/8"/5/8"	3/8"/3/4"	3/8"/3/4"		
Max. Pipe Length		ft.	82.00	82.00	98.40	164.00	246.00	246.00	82.00	82.00	98.40	164.00	246.00	246.00		
Max. Difference in Level		ft.	49.20	49.20	65.60	82.00	98.40	98.40	49.20	49.20	65.60	82.00	98.40	98.40		
Ambient Temperature	Cooling	°F	-22~122	-22~122	-22~122	-22~122	-22~122	-22~122	-13~122	-13~122	-13~122	-13~122	-13~122	-13~122		
	Heating	°F	-22~75	-22~75	-22~75	-22~75	-22~75	-22~75	-13~75	-13~75	-13~75	-13~75	-13~75	-13~75		
Certifications	ETL		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	AHRI		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Energy Star for Cold Climate		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	NEEP		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		