

P5RD Series

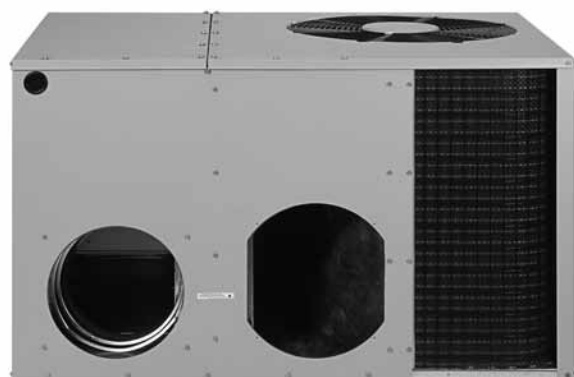
Single Packaged Air Conditioner Single Phase

P5RD 13 SEER, R-410A

2 thru 5 Ton Units

Cooling: 24,000 to 55,500 Btuh

The P5 Series single packaged air conditioners are high efficiency self contained cooling and heating units that can be installed on a slab. Units are ETL and ETLc listed.



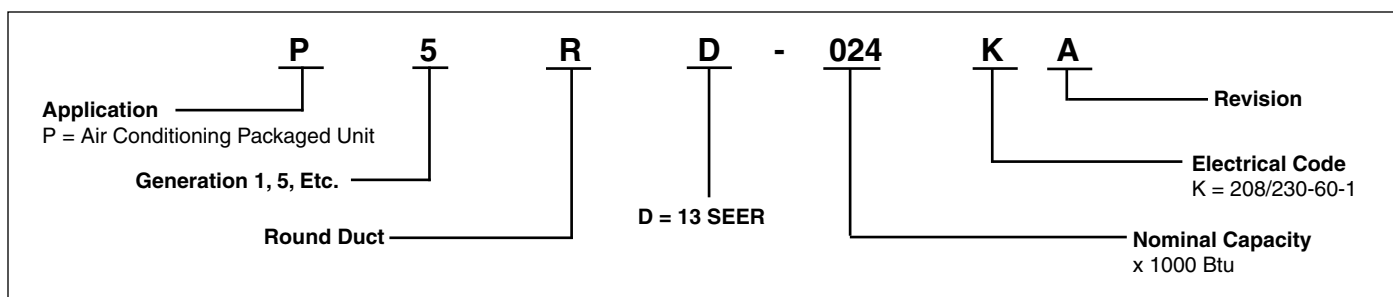
WARRANTY

- This product offers a 10-year All-Parts Warranty.
- This product offers a 10 year Quality Pledge to replace the entire unit, if the unit's major component (compressor) fails within the first 10 years of operation, to the original owner.
- Consumer product registration required for both 10 year All Parts Warranty and Quality Pledge within a limited period of time after the installation. See current warranty document or visit our consumer web site listed on the back of this document for warranty details.

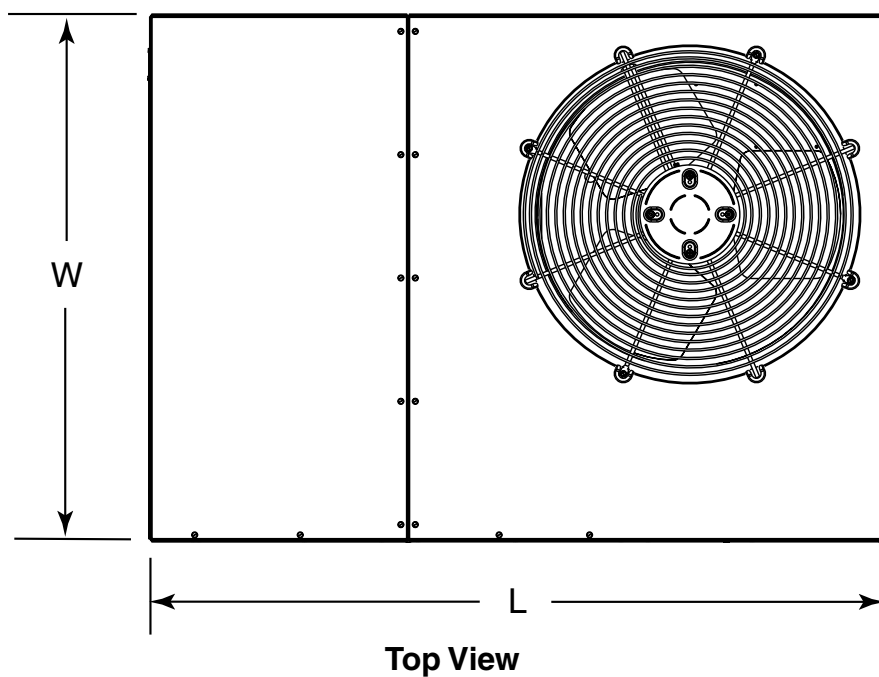
FEATURES and BENEFITS

- **Quality Compressor:** State of the art scroll compressor is standard equipment.
- **R-410A Refrigerant:** Earth friendly non-ozone depleting refrigerant.
- **Hi/Low Pressure Switches:** Ensure long compressor life.
- **Copper Tube / Aluminum Fin Coils:** Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **Permanently Lubricated Condenser Motor:** A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Low Voltage Transformer:** Includes 3 Amp fuse to protect low voltage circuit.
- **Liquid Line Filter Driers:** Factory installed at a convenient location for service.
- **Designed Using Galvanized Steel:** With a polyester urethane coat finish. The 950 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- **Compact Footprint and Profile:** Make the P5 Series easy to install and transport.
- **0" Clearance:** To combustibles on duct side of the unit allows for installations in tight areas.
- **Wire Guard Coated with Earth Friendly Epoxy and Plastic Mesh Hail Guard:** A guard that will never rust and protects the units coil from being damaged.
- **Raised Base Pan:** Allows water to drain away from the unit.
- **Easy Compressor and Control Access:** Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit. Hi/low service ports allow access without disrupting operation.
- **Easy Access:** To the evaporator coil for cleaning and general maintenance.
- **Drain Trap:** Design optimizes drainage capabilities.
- **Removable Top Grille Assembly:** Allows ease of service to the fan motor.
- **Duct Collars:** Reduce installation costs.
- **Optional Electric Heat:** Field installed 5 – 20 KW.

MODEL IDENTIFICATION CODE



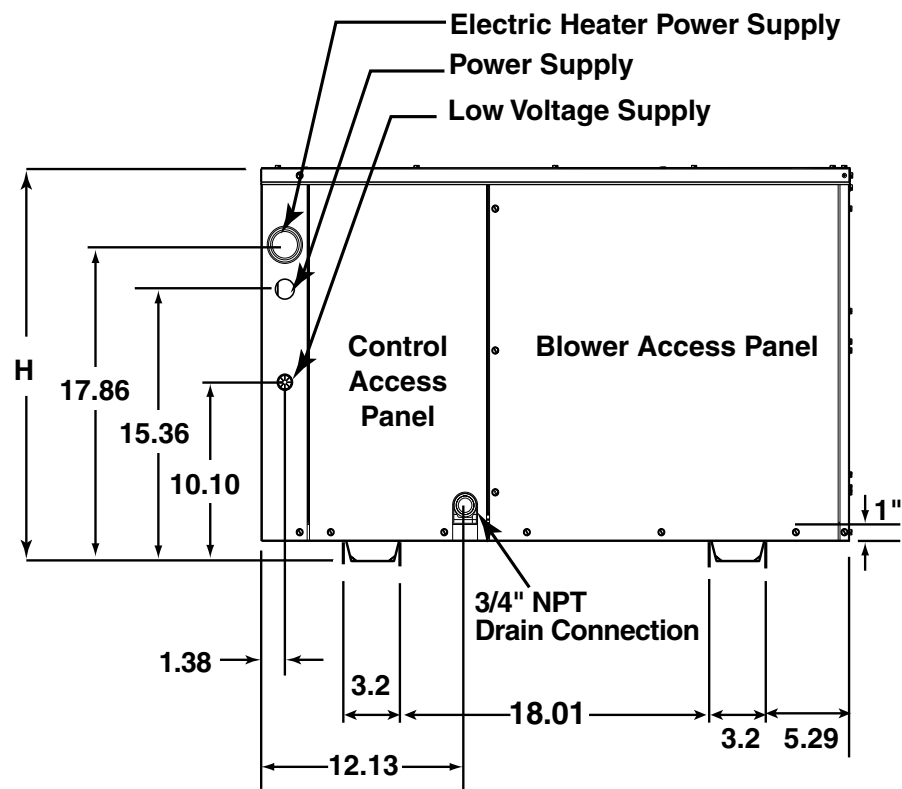
DIMENSIONS



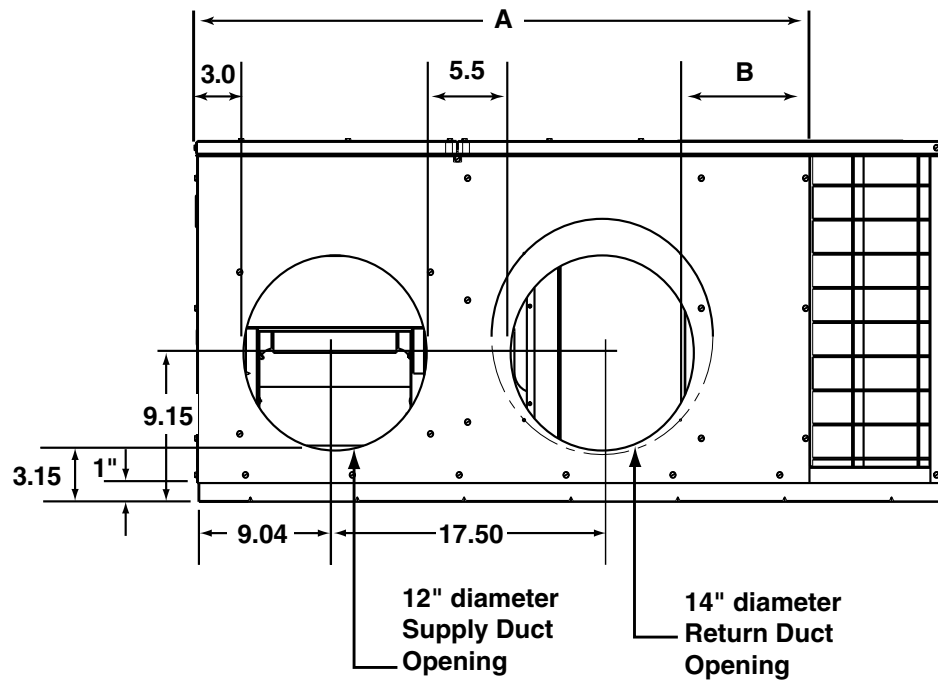
Model No. P5RD-	(L) Length	(W) Width	(H) Height	A	B
024K	49	35	30.2	35.02	2.48
030K	49	35	30.2	35.02	2.48
036K	49	35	30.2	35.02	2.48
042K/KA	49	35	30.2	35.02	2.48
048K/KA	49	35	30.2	35.02	2.48
060K	49	35	34.2	35.02	2.48

Model No. P5RD-	Return Diameter (in)	Supply Diameter (in)
024K	14	12
030K	14	12
036K	14	12
042K/KA	14	12
048K/KA	14	12
060K	14	12

DIMENSIONS Continued



Side View



Back (Duct) View

PHYSICAL SPECIFICATIONS

P5RD Models

Model No. P5RD	024K	030K	036K	042K	042KA	048K	048KA	060K
Electric Rating - 60Hz (a)								
Operating Voltage Range	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253
Min. Circuit Ampacity (a)	18.5	22.1	26.5	32.9	31.9	37.6	34.9	44.0
Field Wire Size - AWG (a)	12	10	10	8	8	8	8	6
Delay Fuse - Max. (b)	30	35	45	50	50	60	50	70
Total Unit - Amps FLA	15.3	18.2	21.8	27.4	26.4	31.5	28.9	36.6
Compressor Data								
Volts	208 - 230	208 - 230	208 - 230	208 - 230	208 - 230	208 - 230	208 - 230	208 - 230
Rated Load Amps	12.8	15.7	18.6	22.1	22.1	24.3	24.3	29.4
Lock Rotor Amps	58.3	73.0	79.0	109.0	109.0	117.0	117.0	134.0
Fan Motor and Condenser								
Fan Motor - HP - RPM	1/8 - 1100	1/8 - 1100	1/8 - 1100	1/8 - 1100	1/4 - 1100	1/4 - 1100	1/4 - 1100	1/4 - 1100
Fan Motor - Amps	1.1	1.1	1.1	1.2	1.2	1.2	1.46	1.2
Fan Diameter / CFM	20" - 2800	20" - 2800	20" - 2800	20" - 3000	20" - 3000	20" - 3000	20" - 3000	20" - 3000
Motor and Evaporator								
Blower Motor - HP - RPM	1/4 - 980	1/4 - 980	1/3 - 900	1/2 - 1000	1/2 - 1080	3/4 - 1060	1/2 - 1080	3/4 - 1060
Blower Motor - Amps	1.4	1.4	2.1	4.1	3.1	6	3.1	6
CFM @ E.S.P. - in. W.C.	770@.30	1064@.30	1246@.30	1300@.30	1420@.30	1500@.30	1790@.30	1650@.30
Refrigerant Charge - Oz.								
Shipping weight - lbs.	125	128	157	126.4	155	155.2	158.4	148.8
	290	295	295	312	312	318	318	348

(a) Amperage and wire size based on refrigeration system only. See Electrical Data tables for supplemental electric heaters.
Refer to National Electric Code for additional derating factors for field installed conductors.

(b) Use time delay fuse or "HACR" type circuit breaker.

(c) Airflow performance is with a dry coil.

ELECTRICAL DATA

P5RD SERIES - 208/230V - SINGLE PHASE MODELS										
MODEL P5RD-	HEATER KW	SINGLE CIRCUIT			MULTIPLE SUPPLY CIRCUIT OPTION					
		MCA	REC, WIRE GAGE (90° C CU)	MOP	CIRCUIT A (COMPRESSOR & FAN)			CIRCUIT B (BLOWER & HEATER)		
					MCA	REC, WIRE GAGE (90° C CU)	MOP	MCA	REC, WIRE GAGE (90° C CU)	MOP
024K	0	18.5	12	30	-	-	-	-	-	-
	5	26.8	10	30	-	-	-	-	-	-
	8	41.3	8	45	-	-	-	-	-	-
	10	51.8	8	60	-	-	-	-	-	-
030K	0	22.1	10	35	-	-	-	-	-	-
	5	26.8	10	35	-	-	-	-	-	-
	8	41.3	8	45	-	-	-	-	-	-
	10	51.8	8	60	-	-	-	-	-	-
	15	76.8	4	80	50	8	60	26.8	10	30
036K	0	26.5	10	45	-	-	-	-	-	-
	5	27.6	10	45	-	-	-	-	-	-
	8	42.2	8	45	-	-	-	-	-	-
	10	52.6	8	60	-	-	-	-	-	-
	15	77.6	4	80	50	8	60	27.6	10	30
042KA	0	31.9	8	50	-	-	-	-	-	-
	5	31.9	8	50	-	-	-	-	-	-
	8	41.1	8	50	-	-	-	-	-	-
	10	51.5	8	60	-	-	-	-	-	-
	15	76.5	4	80	51.5	8	60	25	10	30
	20	101.5	3	110	51.5	8	60	50	8	60
048KA	0	34.9	8	50	-	-	-	-	-	-
	5	34.9	8	50	-	-	-	-	-	-
	8	41.1	8	50	-	-	-	-	-	-
	10	51.8	8	60	-	-	-	-	-	-
	15	76.8	4	80	51.8	8	60	25	10	30
	20	101.8	3	110	51.8	8	60	50	8	60

NOTE: P5RD 2, 2.5 & 3 ton models have PSC motors. Since the power wires run through the heater plug, keep the blower and heater on different circuits when adding a heater kit.

P5RD SERIES - 208/230V - SINGLE PHASE MODELS										
MODEL P5RD-	HEATER KW	SINGLE CIRCUIT			MULTIPLE SUPPLY CIRCUIT OPTION					
		MCA	REC, WIRE GAGE (90° C CU)	MOP	CIRCUIT A (COMPRESSOR, BLOWER, & FAN)			CIRCUIT B (HEATER)		
					MCA	REC, WIRE GAGE (90° C CU)	MOP	MCA	REC, WIRE GAGE (90° C CU)	MOP
042K	0	32.9	8	50	-	-	-	-	-	-
	5	32.9	8	50	-	-	-	-	-	-
	8	41.1	8	50	-	-	-	-	-	-
	10	51.5	8	60	-	-	-	-	-	-
	15	76.5	4	80	51.5	8	60	25	10	30
	20	101.5	3	110	51.5	8	60	50	8	60
048K	0	37.6	8	60	-	-	-	-	-	-
	5	37.6	8	60	-	-	-	-	-	-
	8	41.1	8	60	-	-	-	-	-	-
	10	51.5	8	60	-	-	-	-	-	-
	15	76.5	4	80	51.5	8	60	25	10	30
	20	101.5	3	110	51.5	8	60	50	8	60
060K	0	44	8	70	-	-	-	-	-	-
	5	44	8	70	-	-	-	-	-	-
	8	44	8	70	-	-	-	-	-	-
	10	51.5	8	70	-	-	-	-	-	-
	15	76.5	4	80	51.5	8	70	25	10	30
	20	101.5	3	110	51.5	8	70	50	8	60

NOTE: If electric heat is installed, and the overcurrent rating exceeds 60A, internal circuit breakers must be installed in addition to branch circuit protection at the distribution panel.

SYSTEM COOLING CAPACITIES

Model Number P5RD-	Cooling Btuh	SEER	EER
024K	24,000	13	12.4
030K	30,000	13	12.0
036K	35,600	13	11.4
042K	41,000	13	11.5
042KA	42,000	13	11.0
048K	47,500	13	11.3
048KA	47,000	13	11.0
060K	55,500	13	10.8

BLOWER PERFORMANCE

P5RD SERIES SMALL PACK																	
UNIT	BLOWER SETTING	External Static Pressure Drop - inches water column															
		0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8	
		CFM	HEAT RISE	CFM	HEAT RISE	CFM	HEAT RISE	CFM	HEAT RISE	CFM	HEAT RISE	CFM	HEAT RISE	CFM	HEAT RISE	CFM	HEAT RISE
024K	Low*	847	37	808	39	770	41	726	44	664	48	562	56	460	69		
	High**	1104	29	1114	28	1064	30	1010	31	935	34	846	37	710	44	536	59
030K	Low	847	37	808	39	770	41	726	44	664	48	562	56	460	69		
	High†	1104	29	1114	28	1064	30	1010	31	935	34	846	37	710	44	536	59
036K	Low†	1318	24	1284	25	1248	25	1207	26	1160	27	1110	28	1043	30	957	33
	High	1551	20	1521	21	1477	21	1434	22	1388	23	1342	24	1263	25	1180	27
042K	Tap T1	1100	29	900	35	750	42	650	49	580	54	520	61	480	66	455	69
	Tap T2	1208	26	1080	29	1025	31	972	33	926	34	874	36	813	39	752	42
	Tap T3	1262	25	1199	26	1153	27	1110	28	1070	30	1027	31	965	33	906	35
	Tap T4*	1370	23	1333	24	1300	24	1260	25	1230	26	1180	27	1070	30	1010	31
	Tap T5**	1410	22	1340	24	1450	22	1320	24	1280	25	1240	25	1195	26	1150	27
042KA	Low†	1460	22	1440	22	1420	22	1390	23	1360	23	1325	24	1285	25	1235	26
	Med**	1840	17	1815	17	1790	18	1760	18	1715	18	1660	19	1605	20	1535	21
	High	2155	15	2115	15	2065	15	2020	16	1955	16	1895	17	1830	17	1740	18
048K	Tap T1	1480	21	1455	22	1415	22	1390	23	1355	23	1320	24	1290	24	1255	25
	Tap T2**	1575	20	1545	20	1515	21	1475	21	1440	22	1420	22	1385	23	1345	23
	Tap T3*	1635	19	1505	21	1575	20	1545	20	1515	21	1485	21	1455	22	1425	22
	Tap T4	1775	18	1740	18	1715	18	1695	19	1665	19	1635	19	1610	20	1580	20
	Tap T5	2065	15	2040	15	2020	16	1985	16	1960	16	1940	16	1905	17	1850	17
048KA	Low**	1460	22	1440	22	1420	22	1390	23	1360	23	1325	24	1285	25	1235	26
	Med†	1840	17	1815	17	1790	18	1760	18	1715	18	1660	19	1605	20	1535	21
	High	2155	15	2115	15	2065	15	2020	16	1955	16	1895	17	1830	17	1740	18
060K	Tap T1	1480	21	1455	22	1415	22	1390	23	1355	23	1320	24	1290	24	1255	25
	Tap T2**	1575	20	1545	20	1515	21	1475	21	1440	22	1420	22	1385	23	1345	23
	Tap T3	1635	19	1505	21	1575	20	1545	20	1515	21	1485	21	1455	22	1425	22
	Tap T4*	1775	18	1740	18	1715	18	1695	19	1665	19	1635	19	1610	20	1580	20
	Tap T5	2065	15	2040	15	2020	16	1985	16	1960	16	1940	16	1905	17	1850	17

NOTES:

Temperature rises shaded gray are for reference only. These conditions are not recommended.

* Denotes factory set cooling speed

** Denotes factory set electric heating speed

† Denotes Factory cooling & electric heating speed

COPPER WIRE SIZE — AWG (1% Voltage Drop)				
Supply Wire Length-Feet				Supply Circuit Ampacity
200	150	100	50	
6	8	10	14	15
4	6	8	12	20
4	6	8	10	25
4	4	6	10	30
3	4	6	8	35
3	4	6	8	40
2	3	4	6	45
2	3	4	6	50

Wire Size based on N.E.C. for 60° type copper conductors.

HEATER APPLICATION MATRIX

Heater Application Matrix

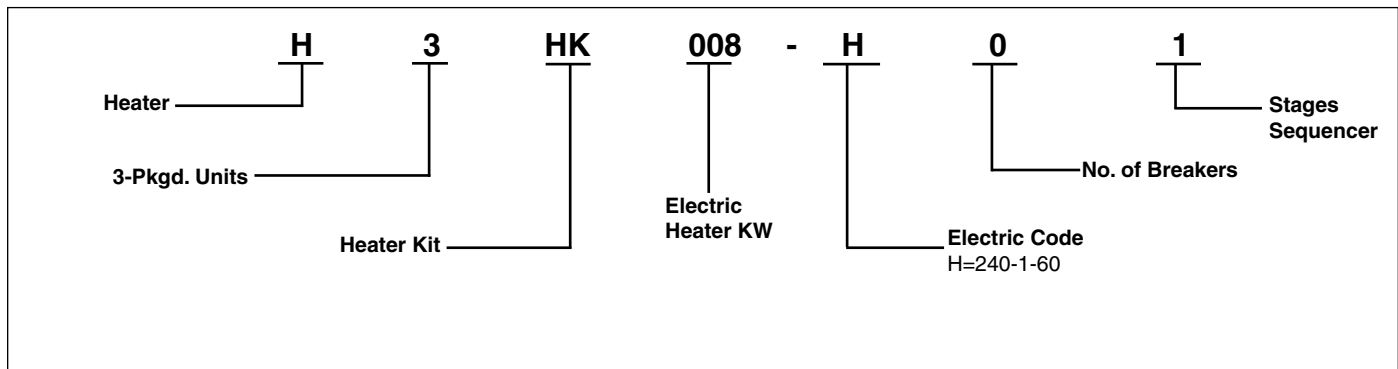
Model Number P5RD-	H3HK-005H-01B 917166B	H3HK-008H-01B 917167B	H3HK-010H-01B 917168B	H3HK-015H-01B 917169B	H3HK-020H-01B 917170B	H3HK-015H-21B 917172B	H3HK-020H-21B 917173B
024K	X	X	X	NA	NA	NA	NA
030K	X	X	X	X(2)	NA	X	NA
036K	X	X	X	X(2)	NA	X	NA
042K/KA	X	X	X	X(2)	X(2)	X	X
048K/KA	X	X	X	X(2)	X(2)	X	X
060K	X	X	X	X(2)	X(2)	X	X

NA = Not Approved.

() = Number of internal circuit breaker kits required.

X = Branch circuit protection only.

MODEL IDENTIFICATION CODE



ACCESSORIES

Description	Part Number
4-Pole single circuit adaptor	913350
6-Pole single circuit adaptor	913556
Circuit Breaker Single Phase (2-pole)	913554
Extreme High Wind Kit - Ground Mount	903694

COOLING EXPANDED RATINGS

P5RD-024K

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
650	80	62	25.2	19.3	1.47	24.3	19.2	1.63	23.4	19.3	1.80	22.3	18.9	1.99	21.1	19.9	2.21	19.7	18.6	2.45
	80	67	27.5	15.9	1.49	26.5	15.8	1.65	25.5	16.0	1.82	24.3	15.7	2.01	23.0	15.4	2.22	21.5	14.3	2.46
	80	72	30.1	12.4	1.51	29.1	12.4	1.67	27.9	12.6	1.85	26.6	12.4	2.04	25.2	12.2	2.25	23.5	12.5	2.49
	75	63	25.6	15.6	1.48	24.7	15.5	1.64	23.7	15.6	1.81	22.5	15.3	2.00	21.3	14.0	2.21	19.9	15.0	2.45
800	80	62	26.4	21.8	1.48	25.5	22.2	1.64	24.5	21.7	1.81	23.3	21.4	2.00	22.1	21.2	2.22	20.8	20.6	2.46
	80	67	28.6	17.7	1.50	27.6	18.2	1.66	26.5	17.8	1.83	25.2	17.6	2.03	23.8	17.6	2.23	22.2	17.5	2.47
	80	72	31.1	13.6	1.53	30.0	14.2	1.69	28.7	13.8	1.86	27.3	13.7	2.05	25.8	13.8	2.26	24.1	13.8	2.50
	75	63	26.7	17.3	1.48	25.7	17.7	1.64	24.6	17.3	1.81	23.4	17.1	2.01	22.1	17.0	2.22	20.6	16.9	2.46
950	80	62	27.4	24.2	1.49	26.5	24.3	1.65	25.4	23.7	1.82	24.4	23.1	2.01	23.2	22.4	2.23	21.8	21.8	2.46
	80	67	29.5	19.7	1.51	28.4	20.0	1.67	27.2	19.5	1.84	25.9	19.5	2.03	24.5	19.3	2.24	22.8	19.3	2.48
	80	72	31.8	15.0	1.54	30.6	15.3	1.70	29.4	14.9	1.87	28.0	14.9	2.07	26.4	14.9	2.28	24.7	15.0	2.51
	75	63	27.5	19.2	1.49	26.5	19.4	1.65	25.3	18.9	1.82	24.1	18.8	2.01	22.7	18.6	2.22	21.2	18.6	2.46

P5RD-030K

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
900	80	62	31.3	25.2	1.88	30.1	25.0	2.06	28.9	25.2	2.26	27.5	24.7	2.48	26.0	25.6	2.73	24.4	24.0	3.03
	80	67	33.9	20.6	1.90	32.7	20.5	2.08	31.3	20.7	2.28	29.8	20.3	2.50	28.1	20.0	2.75	26.3	18.8	3.04
	80	72	37.1	15.8	1.92	35.8	15.8	2.10	34.2	16.1	2.30	32.5	15.8	2.53	30.7	15.6	2.77	28.5	15.9	3.06
	75	63	31.6	20.1	1.88	30.4	19.9	2.07	29.1	20.1	2.26	27.7	19.7	2.49	26.2	18.0	2.74	24.4	19.4	3.03
1050	80	62	32.3	27.6	1.89	31.1	28.1	2.07	29.9	27.4	2.27	28.5	26.9	2.49	27.1	26.2	2.74	25.6	25.4	3.03
	80	67	38.1	31.9	1.93	36.6	32.4	2.11	35.0	31.6	2.31	33.2	31.2	2.53	31.4	30.3	2.78	29.4	29.2	3.07
	80	72	38.0	17.0	1.93	36.5	17.8	2.11	34.7	17.3	2.31	33.0	17.1	2.53	31.2	17.2	2.78	29.1	17.2	3.06
	75	63	32.6	21.8	1.89	31.3	22.3	2.07	29.9	21.8	2.27	28.4	21.5	2.49	26.8	21.4	2.74	25.0	21.3	3.03
1200	80	62	33.3	29.9	1.89	32.1	29.9	2.07	30.9	28.8	2.27	29.6	28.1	2.50	28.1	27.2	2.75	26.5	26.4	3.04
	80	67	35.6	24.5	1.91	34.3	24.8	2.09	32.8	24.3	2.29	31.1	24.2	2.51	29.4	24.0	2.76	27.4	24.0	3.05
	80	72	38.5	18.5	1.93	37.0	18.9	2.11	35.4	18.4	2.32	33.7	18.4	2.54	31.7	18.3	2.79	29.6	18.4	3.07
	75	63	33.3	23.7	1.89	32.0	24.0	2.08	30.5	23.4	2.28	29.0	23.3	2.50	27.3	23.0	2.75	25.5	23.0	3.04

P5RD-036K

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1050	80	62	37.5	29.5	2.31	36.1	29.3	2.54	34.6	29.4	2.79	32.9	28.8	3.08	31.1	30.1	3.42	29.1	28.1	3.80
	80	67	40.5	24.1	2.34	39.1	24.0	2.57	37.4	24.2	2.83	35.6	23.6	3.12	33.6	23.1	3.45	31.4	21.6	3.84
	80	72	44.2	18.8	2.38	42.6	18.7	2.62	40.6	19.1	2.88	38.3	18.7	3.16	36.1	18.3	3.49	33.7	18.6	3.88
	75	63	37.7	23.7	2.32	36.4	23.4	2.54	34.8	23.5	2.80	33.1	23.0	3.09	31.2	21.0	3.42	29.1	22.6	3.80
1200	80	62	38.5	31.8	2.33	37.1	32.4	2.55	35.5	31.6	2.81	33.8	31.2	3.10	32.0	30.7	3.43	30.1	29.8	3.81
	80	67	41.6	25.7	2.35	40.0	26.4	2.58	38.3	25.8	2.84	36.4	25.5	3.13	34.4	25.4	3.46	32.1	25.2	3.85
	80	72	44.6	19.9	2.39	42.9	20.8	2.63	41.1	20.2	2.89	39.1	19.9	3.18	36.9	19.9	3.50	34.4	19.9	3.89
	75	63	38.7	25.2	2.33	37.3	25.8	2.55	35.7	25.1	2.81	33.9	24.8	3.10	31.9	24.6	3.43	29.7	24.4	3.81
1350	80	62	39.4	34.3	2.33	38.0	34.5	2.56	36.5	33.5	2.82	34.7	33.0	3.11	33.0	31.9	3.44	31.1	30.9	3.83
	80	67	42.4	27.7	2.36	40.8	28.1	2.60	39.0	27.4	2.85	37.1	27.3	3.14	35.0	27.0	3.47	32.6	26.9	3.86
	80	72	45.3	21.4	2.40	43.6	21.8	2.63	41.7	21.2	2.90	39.7	21.1	3.19	37.4	20.9	3.52	34.9	21.0	3.90
	75	63	39.5	27.1	2.34	38.0	27.4	2.56	36.3	26.7	2.82	34.5	26.5	3.11	32.5	26.1	3.44	30.2	26.0	3.82

COOLING EXPANDED RATINGS (CONTINUED)

P5RD-042K

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1150	80	62	44.1	33.2	2.63	42.4	32.9	2.92	40.5	33.0	3.26	38.3	32.2	3.64	36.1	33.8	4.06	33.7	31.5	4.51
	80	67	47.8	27.7	2.66	45.9	27.4	2.94	43.8	27.6	3.28	41.5	27.0	3.67	39.0	26.4	4.09	36.4	24.5	4.54
	80	72	52.8	21.6	2.68	50.6	21.5	2.98	48.2	21.8	3.31	45.5	21.3	3.70	42.6	20.9	4.11	39.1	21.2	4.57
	75	63	44.6	27.0	2.64	42.9	26.8	2.93	40.9	26.9	3.26	38.7	26.2	3.64	36.4	23.8	4.06	33.9	25.6	4.52
1300	80	62	45.3	35.5	2.65	43.5	36.1	2.93	41.5	35.2	3.27	39.3	34.6	3.65	37.0	34.3	4.07	34.5	33.7	4.52
	80	67	49.0	29.4	2.66	47.1	30.2	2.95	44.9	29.3	3.29	42.5	28.9	3.67	39.9	28.7	4.09	37.1	28.5	4.55
	80	72	53.8	22.7	2.69	51.5	23.8	2.97	48.8	23.0	3.32	45.7	22.7	3.70	42.9	22.6	4.12	39.9	22.5	4.58
	75	63	45.8	28.7	2.65	43.9	29.4	2.93	41.9	28.5	3.27	39.6	28.0	3.65	37.2	27.8	4.07	34.6	27.4	4.53
1450	80	62	46.3	38.1	2.65	44.5	38.2	2.93	42.4	37.2	3.27	40.2	36.8	3.65	37.8	35.9	4.08	35.4	35.2	4.53
	80	67	50.1	31.6	2.67	48.0	31.9	2.96	45.7	31.0	3.30	43.2	30.7	3.68	40.6	30.4	4.10	37.8	30.0	4.56
	80	72	54.4	24.4	2.69	51.7	24.9	2.98	49.2	24.0	3.32	46.4	23.9	3.70	43.6	23.5	4.12	40.5	23.6	4.59
	75	63	46.7	30.7	2.65	44.8	30.9	2.94	42.7	30.0	3.28	40.4	29.7	3.66	37.9	29.3	4.08	35.2	28.8	4.53

P5RD-042KA

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1200	80	62	45.1	34.1	2.87	43.3	33.8	3.15	41.3	33.9	3.47	39.1	33.1	3.85	36.73	34.73	4.27	34.21	32.34	4.72
	80	67	49.2	28.4	2.89	47.2	28.1	3.17	45.0	28.3	3.49	42.6	27.7	3.87	40.01	27.09	4.29	37.20	25.05	4.75
	80	72	54.1	22.1	2.91	51.9	22.0	3.20	49.4	22.3	3.54	46.7	21.8	3.90	43.81	21.33	4.32	40.63	21.70	4.78
	75	63	45.8	27.8	2.87	44.0	27.5	3.16	41.9	27.6	3.48	39.6	26.9	3.86	37.17	24.44	4.28	34.55	26.34	4.73
1350	80	62	46.3	36.4	2.87	44.5	37.1	3.16	42.4	36.1	3.48	40.1	35.6	3.86	37.63	35.14	4.28	34.99	34.63	4.73
	80	67	50.4	30.1	2.90	48.3	31.0	3.18	46.1	30.1	3.50	43.5	29.7	3.88	40.84	29.51	4.30	37.92	29.29	4.76
	80	72	55.3	23.2	2.92	52.9	24.3	3.21	50.4	23.5	3.54	47.6	23.2	3.91	44.45	23.24	4.33	40.99	23.16	4.79
	75	63	47.0	29.5	2.88	45.0	30.2	3.17	42.9	29.3	3.48	40.5	28.8	3.86	37.96	28.56	4.29	35.26	28.27	4.74
1500	80	62	47.4	39.1	2.88	45.4	39.2	3.16	43.3	38.2	3.48	41.0	37.7	3.86	38.36	37.02	4.28	36.01	35.86	4.74
	80	67	51.4	32.4	2.90	49.3	32.7	3.18	46.9	31.8	3.51	44.3	31.6	3.89	41.51	31.21	4.31	38.55	30.78	4.77
	80	72	56.2	24.9	2.93	53.8	25.4	3.21	51.0	24.6	3.54	47.9	24.6	3.91	44.89	24.30	4.33	41.60	24.37	4.78
	75	63	47.9	31.6	2.89	45.9	31.8	3.17	43.7	30.9	3.49	41.2	30.6	3.87	38.66	29.80	4.29	35.84	29.63	4.75

P5RD-048K

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1350	80	62	50.0	38.7	3.0	48.1	38.4	3.4	46.0	38.5	3.76	43.7	37.7	4.18	41.1	39.4	4.67	38.4	36.7	5.22
	80	67	53.9	31.7	3.1	51.9	31.5	3.4	49.6	31.7	3.79	47.0	31.0	4.22	44.2	30.3	4.70	41.1	28.3	5.25
	80	72	58.6	24.9	3.1	56.0	24.8	3.4	53.1	25.1	3.82	50.3	24.5	4.25	47.4	23.9	4.74	44.0	24.2	5.30
	75	63	50.3	31.1	3.1	48.4	30.8	3.4	46.3	30.9	3.76	43.8	30.1	4.19	41.2	27.3	4.67	38.3	29.4	5.22
1500	80	62	51.1	41.1	3.1	49.2	41.9	3.4	47.0	40.8	3.77	44.6	40.2	4.19	42.1	39.7	4.68	39.2	38.9	5.23
	80	67	55.0	33.4	3.1	52.9	34.3	3.4	50.5	33.4	3.80	47.8	32.9	4.23	45.0	32.7	4.71	41.8	32.4	5.26
	80	72	59.0	26.0	3.1	56.6	27.1	3.4	54.0	26.2	3.83	51.1	25.8	4.26	48.0	25.7	4.75	44.6	25.5	5.31
	75	63	51.4	32.7	3.1	49.4	33.5	3.4	47.1	32.5	3.77	44.7	32.0	4.20	41.9	31.7	4.68	38.9	31.3	5.23
1650	80	62	52.2	43.9	3.1	50.2	44.1	3.4	48.0	43.0	3.77	45.5	42.4	4.20	42.9	41.4	4.69	40.2	40.1	5.24
	80	67	55.9	35.6	3.1	53.7	36.0	3.4	51.3	35.0	3.80	48.6	34.8	4.23	45.6	34.3	4.72	42.3	34.2	5.27
	80	72	59.8	27.6	3.1	57.4	28.1	3.4	54.8	27.2	3.84	51.8	27.0	4.27	48.6	26.7	4.75	45.1	26.7	5.31
	75	63	52.3	34.8	3.1	50.2	35.1	3.4	47.9	34.1	3.78	45.3	33.7	4.21	42.6	33.2	4.69	39.5	32.9	5.23

P5RD-048KA

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1450	80	62	49.8	39.9	3.21	47.8	39.5	3.53	45.6	39.6	3.88	43.2	38.7	4.29	40.56	39.87	4.75	37.75	37.11	5.27
	80	67	53.7	32.5	3.22	51.6	32.2	3.55	49.2	32.5	3.91	46.5	31.7	4.32	43.56	31.02	4.78	40.33	29.10	5.30
	80	72	58.3	25.2	3.23	55.8	25.1	3.57	52.9	25.4	3.95	50.1	24.8	4.35	46.88	24.19	4.81	43.37	24.43	5.33
	75	63	50.1	31.8	3.22	48.1	31.5	3.54	45.9	31.6	3.88	43.3	30.8	4.29	40.56	27.80	4.76	37.53	29.99	5.28
1600	80	62	50.8	42.2	3.21	48.8	42.9	3.54	46.6	41.8	3.89	44.2	41.0	4.29	41.49	40.09	4.75	38.80	38.47	5.28
	80	67	54.7	34.2	3.23	52.5	35.2	3.55	50.0	34.2	3.92	47.3	33.7	4.32	44.22	33.46	4.78	40.89	33.10	5.31
	80	72	58.8	26.3	3.24	56.4	27.4	3.58	53.7	26.5	3.95	50.7	26.1	4.36	47.48	26.04	4.82	43.87	25.84	5.34
	75	63	51.0	33.4	3.22	49.0	34.2	3.55	46.6	33.2	3.89	44.1	32.7	4.30	41.19	32.33	4.77	38.09	31.89	5.28
1750	80	62	51.8	45.0	3.22	49.8	45.1	3.54	47.5	43.7	3.89	45.0	42.8	4.30	42.52	41.09	4.77	39.74	39.57	5.30
	80	67	55.5	36.5	3.22	53.2	36.9	3.56	50.7	35.9	3.92	47.9	35.6	4.33	44.79	35.13	4.79	41.41	34.93	5.31
	80	72	59.6	28.0	3.24	57.1	28.5	3.58	54.4	27.6	3.95	51.3	27.4	4.36	48.00	27.09	4.83	44.33	27.07	5.34
	75	63	51.8	35.5	3.22	49.7	35.8	3.54	47.3	34.8	3.90	44.7	34.5	4.31	41.75	33.89	4.77	38.58	33.57	5.29

P5RD-060K

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1450	80	62	57.8	43.7	3.66	55.5	43.3	4.05	53.0	43.4	4.50	50.2	42.5	5.01	47.1	44.7	5.60	43.6	41.4	6.28
	80	67	62.5	36.0	3.72	60.1	35.7	4.11	57.3	36.0	4.56	54.2	35.1	5.07	50.8	34.3	5.66	46.9	31.9	6.34
	80	72	68.3	28.2	3.79	65.6	28.0	4.18	62.4	28.5	4.64	59.0	27.7	5.15	55.1	27.1	5.73	50.5	27.4	6.40
	75	63	58.4	35.3	3.67	56.1	35.0	4.06	53.5	35.1	4.51	50.7	34.2	5.02	47.4	30.8	5.61	43.8	33.3	6.29
1600	80	62	59.1	46.2	3.68	56.7	47.1	4.06	54.1	45.9	4.51	51.2	45.2	5.02	48.1	44.7	5.61	44.5	43.8	6.29
	80	67	64.2	38.4	3.74	61.5	39.5	4.13	58.6	38.4	4.58	55.5	37.8	5.09	51.9	37.6	5.68	47.8	37.2	6.36
	80	72	69.4	29.3	3.80	66.4	30.7	4.20	63.2	29.7	4.65	59.5	29.3	5.16	55.5	29.2	5.74	51.2	28.9	6.42
	75	63	59.6	37.0	3.69	57.2	38.0	4.07	54.5	36.8	4.52	51.5	36.2	5.03	48.2	35.9	5.62	44.5	35.3	6.30
1750	80	62	60.2	49.3	3.69	57.8	49.5	4.08	55.1	48.3	4.53	52.2	47.8	5.04	49.0	46.8	5.63	45.5	45.3	6.32
	80	67	65.5	41.4	3.75	62.7	41.9	4.14	59.8	40.8	4.60	56.4	40.5	5.10	52.8	39.9	5.69	48.6	39.7	6.37
	80	72	70.2	31.2	3.81	67.1	31.9	4.21	63.7	30.8	4.66	60.1	30.7	5.17	56.2	30.3	5.75	51.8	30.2	6.43
	75	63	60.6	39.3	3.70	58.2	39.7	4.09	55.4	38.5	4.53	52.3	38.1	5.04	48.9	37.5	5.64	45.1	37.1	6.31



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