MAYTAG

TECHNICAL SPECIFICATIONS

Model PPH2RD Series

M1200 Product Line

Single Packaged Heat Pump
13 SEER - 2 Ton thru 5 Ton Units R-410A

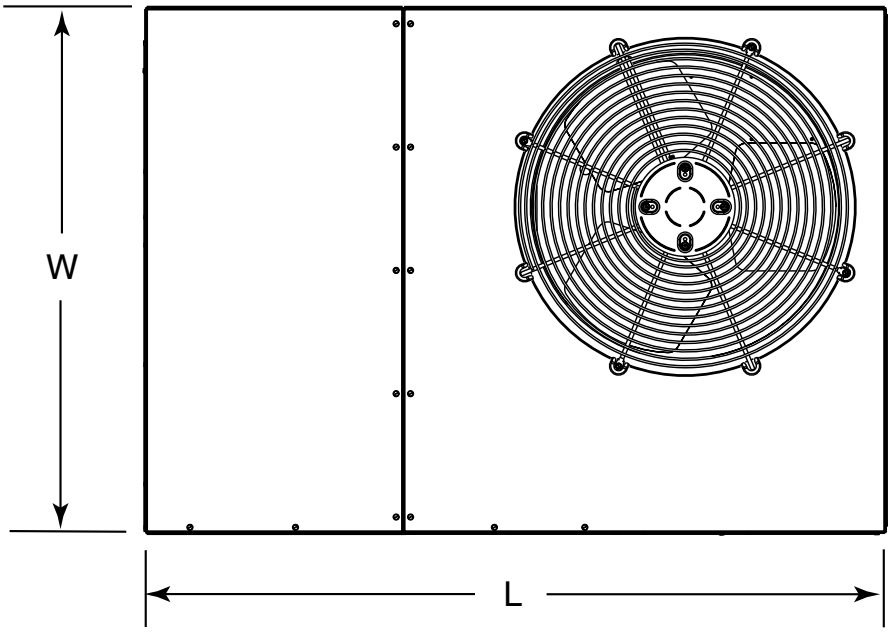
- **M1200 – 12 YEAR ALL PARTS LIMITED WARRANTY**
- **M1200 WITH UPGRADED WARRANTY PACKAGE - 12 YEAR ALL PARTS & LABOR LIMITED WARRANTY**
- **Both the standard and upgraded limited warranty packages offer a 12 Year Dependability Promise to replace the entire unit, if the compressor fails within the first 12 years of operation, to the original owner.**
- **Product registration (by consumer or dealer) required for 12-year Warranty and Dependability Promise within a limited period of time after the installation. See current warranty document for details. This can be viewed at www.maytaghvac.com or ask your sales representative.**
- **Dealer is responsible for registration of labor portion of warranty.**

The PPH2RD Series single packaged heat pumps are high efficiency self contained cooling and heating units that can be installed on a slab. Units are ETL and ETLc listed.

Features and Benefits

- **R-410A Refrigerant** Environmentally Friendly
- **State-of-the-art Copeland Scroll Compressor** is standard equipment.
- **Galvanized Steel Cabinet –** Unit is trimmed in a silicone-protected polyester finish with a 950 hour salt spray finish that resists corrosion 50% better than comparable units.
- **Coils** are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **The service valves are easily accessible** and simplify servicing of the refrigeration system.
- **A wire coil guard and mesh hail guard that will never rust** protects the coil from being damaged by balls, lawnmowers, hail, etc.
- **Designed to make servicing easier** for the contractor, access panels are provided to all major components and the compressor.
- **0" clearance** to combustibles on duct side of the unit allows for installations in tight areas.
- **Easy access** to evaporator for cleaning and general maintenance.
- **Drain trap** design optimizes drainage capabilities.
- **Easy to install** electric heat strip provides up to 20 kw of heat output.
- **Compact footprint and profile** make the PPH2RD Series easy to install and transport.
- **Suction Accumulator –** Protection from liquid flood back and future compressor failures.
- **Time / Temperature Defrost –** A reliable, industry standard control offers various time settings to meet any type climate.
- **Five Minute Restart Time Delay –** When the unit shuts down, a five minute delay keeps the unit from restarting, eliminating the highest cause for compressor failure.
- **High and Low Pressure Switches –** Added compressor Protection.
- **Compressor Sound Blanket** is standard.

DIMENSIONS

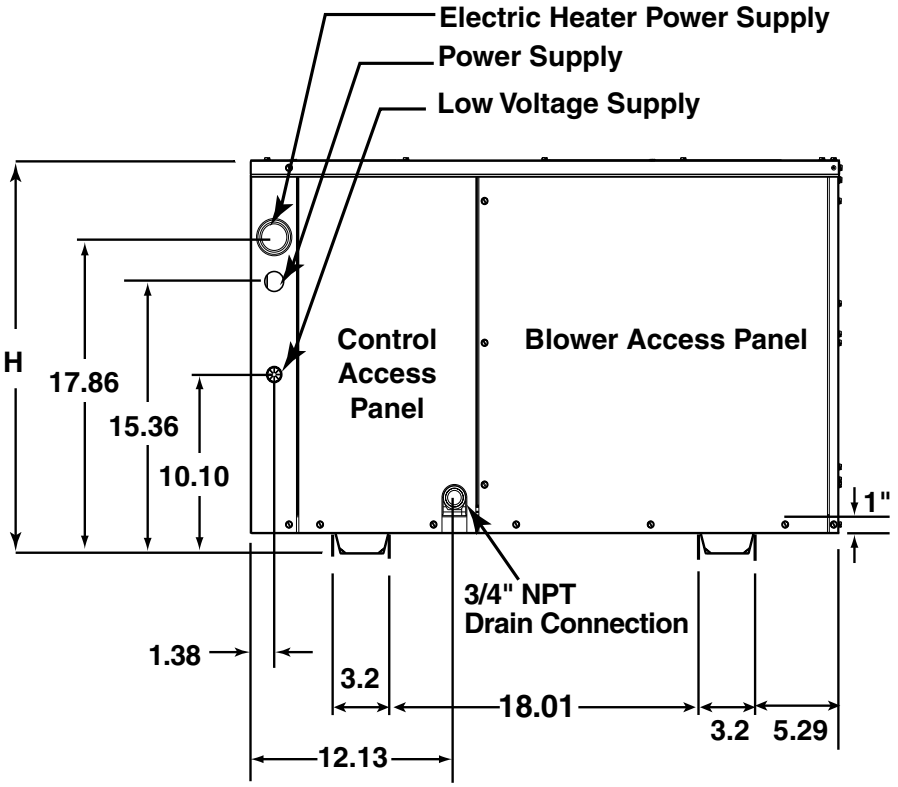


Top View

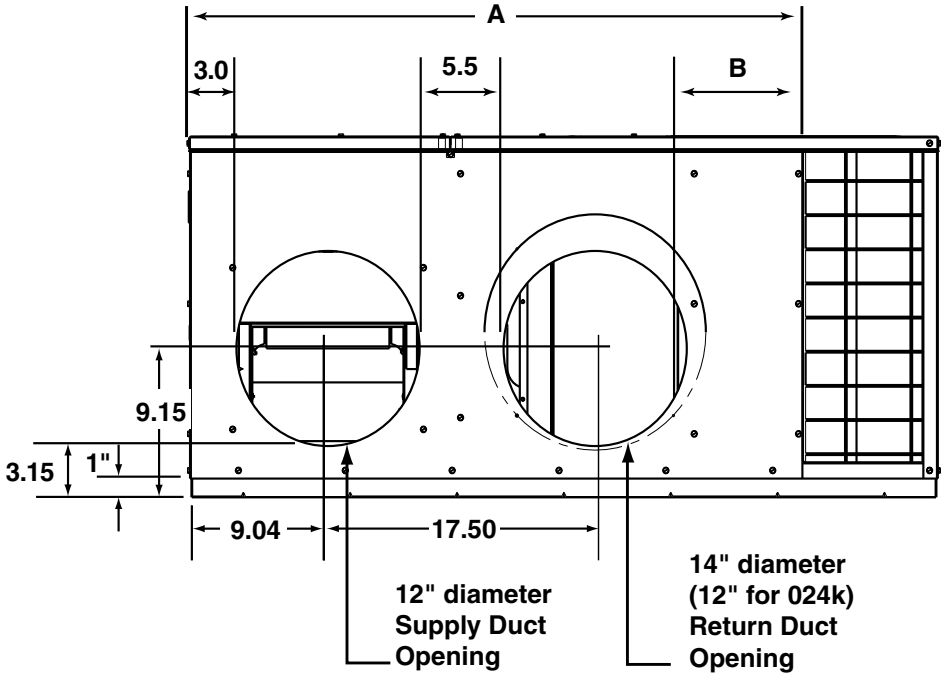
Model Number PPH2RD	(L) Length	(W) Width	(H) Height	A	B
024K	49	35	22.2	40.15	7.61
030K	49	35	30.2	40.15	7.61
036K	49	35	30.2	35.02	2.48
042K	49	35	30.2	35.02	2.48
048K	49	35	34.2	35.02	2.48
060K	49	35	38.2	35.02	2.48

Model Number PPH2RD	Return Diameter (in)
024K	12
030K	14
036K	14
042K	14
048K	14
060K	14

DIMENSIONS continued



Side View



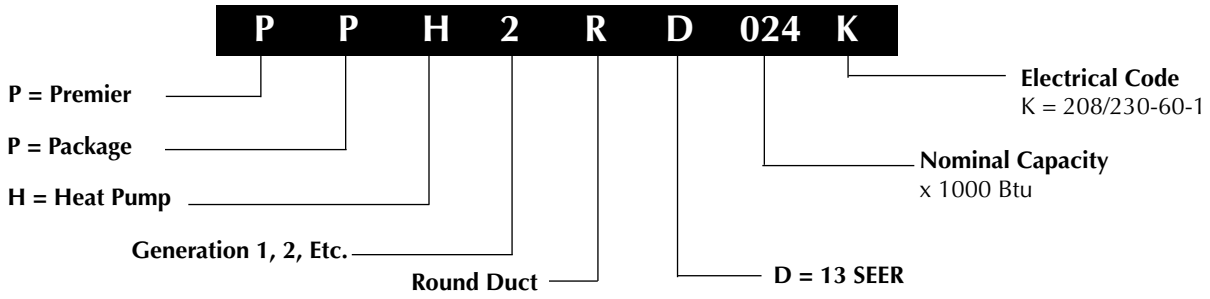
Back (Duct) View

ELECTRICAL DATA

Model Number	Heater Installed Nom. KW	Single Supply Circuit Option					Multiple Supply Circuit Option														
							Circuit A					Circuit B					Circuit C				
		Minimum Circuit Amp.	Rec Wire Gauge (60°C Cu)	Rec Wire Gauge (75°C Cu)	Rec Wire Gauge (90°C Cu)	Maximum Over-current Rating*	Minimum Circuit Amp.	Rec Wire Gauge (60°C Cu)	Rec Wire Gauge (75°C Cu)	Rec Wire Gauge (90°C Cu)	Maximum Over-current Rating*	Minimum Circuit Amp.	Rec Wire Gauge (60°C Cu)	Rec Wire Gauge (75°C Cu)	Rec Wire Gauge (90°C Cu)	Maximum Over-current Rating	Minimum Circuit Amp.	Rec Wire Gauge (60°C Cu)	Rec Wire Gauge (75°C Cu)	Rec Wire Gauge (90°C Cu)	Maximum Over-current Rating
PPH2RD-024K	0	18.1	12	12	12	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5	43.1	6	8	8	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8	57.7	4	6	6	60	17.1	12	12	12	25	40.6	6	8	8	45	-	-	-	-	-
	10	68.1	4	4	6	70	16	12	12	12	25	51	6	6	8	60	-	-	-	-	-
PPH2RD-030K	0	22.2	10	10	10	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5	47.2	6	8	8	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8	61.8	4	6	6	70	20.8	10	10	10	35	41	6	6	8	60	-	-	-	-	-
	10	72.2	3	4	6	80	20.8	10	10	10	35	51.4	6	6	8	60	-	-	-	-	-
	15	97.2	1	3	3	100	45.8	6	8	8	50	51.4	6	6	8	60	-	-	-	-	-
	15 (3 circuit)	-	-	-	-	-	20.8	10	10	10	35	26.4	10	10	10	30	50	6	8	8	60
PPH2RD-036K	0	28.5	10	10	10	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5	53.5	6	6	8	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8	68	4	4	6	70	24.4	10	10	10	40	43.7	6	8	8	45	-	-	-	-	-
	10	78.5	3	4	6	80	24.4	10	10	10	40	54.1	6	6	8	60	-	-	-	-	-
	15	104	1	2	3	110	49.4	6	8	8	60	54.1	6	6	8	60	-	-	-	-	-
	15 (3 circuit)	-	-	-	-	-	24.4	10	10	10	40	29.1	10	10	10	30	50	6	8	8	60
PPH2RD-042K	0	32.2	8	8	8	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5	57.2	4	6	6	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8	71.8	3	4	6	80	26.2	10	10	10	45	45.6	6	8	8	50	-	-	-	-	-
	10	82.2	3	4	4	90	26.2	10	10	10	45	56	4	6	8	60	-	-	-	-	-
	15	107	1	2	3	110	51.2	6	6	8	60	56	4	6	6	60	-	-	-	-	-
	15 (3 circuit)	-	-	-	-	-	26.2	10	10	10	45	34.1	8	8	8	35	50	6	8	8	60
	20	132	0	0	1	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20 (3 circuit)	-	-	-	-	-	26.2	10	10	10	45	56	4	6	6	60	50	6	8	8	60
PPH2RD-048K	0	37.6	6	8	8	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5	68	4	4	6	90	37	8	8	8	60	31	8	8	8	35	-	-	-	-	-
	8	82.5	3	4	4	100	37	8	8	8	60	45.6	6	8	8	50	-	-	-	-	-
	10	93	2	3	4	110	37	8	8	8	60	56	4	6	6	60	-	-	-	-	-
	15	118	0	1	2	125	62	4	6	6	80	56	4	6	6	60	-	-	-	-	-
	15 (3 circuit)	-	-	-	-	-	37	8	8	8	60	31	8	8	8	35	50	6	8	8	60
	20	143	0	0	1	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20 (3 circuit)	-	-	-	-	-	37	8	8	8	60	56	4	6	6	60	50	6	8	8	60
PPH2RD-060K	0	40.5	6	8	8	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5	65.5	4	4	6	80	34.5	8	8	8	60	31.0	8	8	8	35	-	-	-	-	-
	8	80.1	3	4	4	90	34.5	8	8	8	60	45.6	6	8	8	50	-	-	-	-	-
	10	90.5	2	3	4	100	34.5	8	8	8	60	56.0	4	6	6	60	-	-	-	-	-
	15	115.5	0	1	2	125	59.5	4	6	6	80	56.0	4	6	6	60	-	-	-	-	-
	15 (3 circuit)	-	-	-	-	-	34.5	8	8	8	60	31.0	8	8	8	35	50.0	6	8	8	60
	20	140.5	00	0	1	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20 (3 circuit)	-	-	-	-	-	34.5	8	8	8	60	56.0	4	6	6	60	50.0	6	8	8	60

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.

IDENTIFICATION CODE



PHYSICAL SPECIFICATIONS

Model No. PPH2RD	024K	030K	036K	042K	048K	060K
Electric Rating — 60 Hz (a)						
Operating Voltage Range	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253
Min. Circuit Ampacity (a)	18.1	22.2	28.5	32.2	37.6	40.5
Field Wire Size — AWG (a)	12	10	10	8	8	6
Delay Fuse — Max. (b)	30	35	45	50	60	60
Total Unit — AMPS	14.9	18.3	23.8	27.2	31.5	33.9
Compressor						
Volts	208 - 230	208 - 230	208 - 230	208 - 230	208 - 230	208 - 230
Rated Load Amps	12.8	15.7	18.6	20	24.3	26.4
Lock Rotor Amps	58.3	73	79	112	117	134
Condenser Motor						
Fan Motor — HP - RPM	1/8 - 1100	1/5 - 1100	1/8 - 1100	1/4 - 1100	1/4 - 1100	1/3 - 1100
Fan Motor — Amps	1.1	1.2	1.1	1.2	1.2	1.5
Fan Dia. — CFM	20″ - 2800	20 - 2800	20″ - 2800	20″ - 3000	20″ - 3000	20″ - 3400
Evaporator Motor						
Blower Motor — HP - RPM	1/5 - 815	1/4 - 1050	1/2 - 1270	3/4 - 1360	3/4 - 1505	3/4 - 1505
Blower Motor — Amps	1.0	1.4	4.1	6	6	6
CFM @ E.S.P. — in. W.C.	815 @ .30	1064 @ .30	1140 @ .30	1500 @ .30	1500 @ .30	1650 @ .30
Refrigerant (R410-A) — Oz.	102.4	128	137.6	132.8	179.2	200
Shipping Weight -- Lbs.	295	335	340	355	385	385

(a) Amperage and wire size based on refrigeration system only with 60° C wire, 50 ft. length. 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.

SYSTEM HEATING AND COOLING CAPACITIES

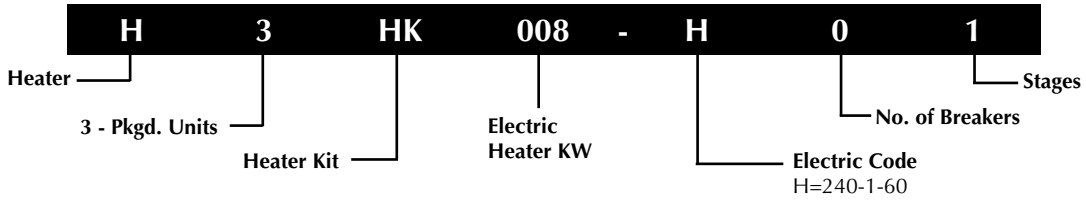
Model Number PPH2RD	Cooling Btuh	SEER	EER	Heating Btuh	HSPF
024K	24,000	13	11.5	24,000	7.7
030K	28,600	13	11.0	26,600	7.7
036K	35,600	13	12.0	34,000	7.7
042K	40,500	13	11.2	40,000	7.7
048K	46,000	13	11.0	44,500	7.7
060K	56,000	13	10.8	54,600	7.8

HEATER APPLICATION MATRIX

Model Number PPH2RD	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(0)	X(0)	X(2)	NA	NA	NA	NA
030K	X (0)	X(0)	X(2)	X(2 or 3)	NA	X(0 or 1)	NA
036K	X (0)	X(2)	X(2)	X(2 or 3)	NA	X(0 or 1)	NA
042K	X (0)	X(2)	X(2)	X(2 or 3)	X(3)	X(0 or 1)	X(1)
048K	X (2)	X(2)	X(2)	X(2 or 3)	X(3)	X(0 or 1)	X(1)
060K	X (2)	X(2)	X(2)	X(2 or 3)	X(3)	X(0 or 1)	X(1)

NA = Not Approved
( ) = Number of internal circuit breaker kits required.
X = Branch Circuit Protection Only
NOTE: Blower Performance heating values based on 10kw heater kit for 024K, 030K, and 036K. 15kw values used for 042K and 048K.

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

HEAT PUMP COOLING EXPANDED RATINGS

PPH2RD024K

O.D.T			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.
650	80	62	23.4	20.8	1.84	22.2	20.3	2.05	21.0	19.7	2.27	19.6	18.8	2.52
	80	67	25.4	17.5	1.86	24.1	16.9	2.07	22.8	16.3	2.29	21.3	15.6	2.54
	80	72	27.9	14.3	1.90	26.6	13.8	2.10	25.0	13.3	2.32	23.2	12.6	2.56
	75	63	23.5	15.1	1.85	22.4	15.1	2.05	21.1	14.9	2.27	19.7	14.5	2.52
800	80	62	24.4	23.4	1.85	23.3	22.9	2.06	22.0	22.0	2.28	20.7	20.7	2.53
	80	67	26.4	19.4	1.88	25.1	18.8	2.08	23.6	18.2	2.30	22.0	17.4	2.55
	80	72	28.3	15.5	1.91	26.9	15.0	2.11	25.4	14.3	2.33	23.6	13.6	2.57
	75	63	24.5	17.5	1.86	23.3	17.3	2.06	21.9	17.0	2.28	20.4	16.4	2.53
950	80	62	25.5	25.3	1.87	24.4	24.3	2.07	23.2	23.2	2.29	21.8	21.8	2.55
	80	67	27.1	21.2	1.89	25.8	20.6	2.09	24.3	19.9	2.31	22.6	19.1	2.56
	80	72	29.0	16.6	1.93	27.6	16.0	2.12	26.0	15.3	2.34	24.2	14.5	2.58
	75	63	25.2	19.9	1.86	23.9	19.5	2.07	22.5	19.0	2.29	20.9	18.3	2.53

PPH2RD030K

O.D.T			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.
850	80	62	27.3	25.6	2.28	26.0	25.0	2.51	24.5	24.3	2.78	23.0	22.8	3.08
	80	67	29.6	21.4	2.29	28.1	20.8	2.53	26.5	20.1	2.79	24.6	19.3	3.10
	80	72	32.3	17.1	2.32	30.7	16.5	2.55	28.8	15.8	2.81	26.8	15.1	3.11
	75	63	27.6	18.5	2.28	26.2	18.6	2.51	24.6	18.4	2.78	22.9	18.0	3.09
1000	80	62	28.3	27.9	2.28	27.1	26.9	2.52	25.7	25.6	2.78	24.1	24.1	3.09
	80	67	30.4	23.3	2.30	28.9	22.7	2.54	27.1	22.0	2.80	25.2	21.2	3.10
	80	72	33.1	18.4	2.33	31.3	17.7	2.56	29.4	17.1	2.82	27.3	16.3	3.12
	75	63	28.4	21.0	2.29	26.9	20.9	2.52	25.3	20.5	2.78	23.5	20.0	3.09
1150	80	62	29.5	29.2	2.29	28.2	28.0	2.53	26.7	26.7	2.79	25.0	25.0	3.10
	80	67	31.1	25.2	2.31	29.4	24.5	2.54	27.6	23.8	2.80	25.7	23.0	3.10
	80	72	33.5	19.6	2.33	31.8	18.9	2.56	29.8	18.2	2.83	27.7	17.4	3.12
	75	63	29.0	23.7	2.29	27.5	23.2	2.52	25.8	22.7	2.79	23.9	21.9	3.09

PPH2RD036K

O.D.T			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.
1100	80	62	34.6	32.9	2.57	32.9	32.0	2.85	31.0	31.0	3.18	29.2	28.9	3.56
	80	67	37.4	27.3	2.59	35.5	26.5	2.89	33.4	25.7	3.20	31.0	24.7	3.58
	80	72	40.6	21.8	2.63	38.5	21.0	2.91	36.2	20.2	3.24	33.6	19.3	3.60
	75	63	34.9	23.8	2.57	33.1	23.9	2.86	31.1	23.6	3.18	28.9	23.1	3.56
1250	80	62	35.5	35.1	2.58	34.0	33.8	2.87	32.2	32.1	3.19	30.3	30.3	3.57
	80	67	38.2	29.2	2.60	36.2	28.4	2.89	34.0	27.5	3.21	31.6	26.5	3.58
	80	72	41.3	23.1	2.63	39.0	22.3	2.92	36.7	21.4	3.24	34.1	20.5	3.61
	75	63	35.6	26.5	2.58	33.7	26.3	2.87	31.7	25.8	3.19	29.4	25.1	3.56
1400	80	62	36.7	36.4	2.59	35.0	34.9	2.88	33.2	33.2	3.20	31.2	31.2	3.58
	80	67	38.8	31.1	2.61	36.8	30.2	2.90	34.5	29.3	3.22	32.1	28.3	3.59
	80	72	41.8	24.3	2.64	39.6	23.5	2.93	37.2	22.6	3.25	34.5	21.6	3.62
	75	63	36.2	29.3	2.58	34.3	28.8	2.87	32.2	28.1	3.19	29.9	27.2	3.57

HEAT PUMP COOLING EXPANDED RATINGS (CONTINUED)

PPH2RD042K

O.D.T			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.
1200	80	62	39.1	36.4	3.03	37.1	35.4	3.38	35.0	34.4	3.79	32.8	32.5	4.25
	80	67	42.1	30.4	3.09	40.0	29.5	3.44	37.6	28.5	3.85	35.0	27.4	4.32
	80	72	45.8	24.3	3.17	43.3	23.5	3.53	40.6	22.5	3.94	37.8	21.5	4.42
	75	63	39.4	26.3	3.04	37.4	26.4	3.39	35.1	26.1	3.79	32.7	25.5	4.25
1350	80	62	40.1	38.7	3.05	38.1	37.6	3.40	36.1	36.0	3.81	33.9	33.9	4.28
	80	67	43.0	32.3	3.11	40.7	31.4	3.46	38.3	30.3	3.87	35.6	29.2	4.34
	80	72	46.3	25.6	3.18	43.8	24.7	3.54	41.2	23.7	3.96	38.3	22.6	4.44
	75	63	40.2	29.1	3.05	38.1	28.9	3.40	35.8	28.3	3.81	33.3	27.6	4.28
1500	80	62	41.0	40.7	3.07	39.1	38.9	3.42	37.1	37.1	3.83	34.9	34.9	4.31
	80	67	43.6	34.1	3.12	41.3	33.2	3.47	38.8	32.1	3.88	36.1	31.0	4.36
	80	72	46.9	26.7	3.19	44.4	25.8	3.56	41.7	24.8	3.97	38.7	23.7	4.46
	75	63	40.8	32.1	3.07	38.7	31.5	3.42	36.3	30.6	3.82	33.7	29.6	4.28

PPH2RD048K

O.D.T			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.
1350	80	62	44.4	40.7	3.72	42.1	39.6	4.13	39.7	38.4	4.61	37.0	36.4	5.15
	80	67	47.8	34.0	3.75	45.3	32.9	4.17	42.6	31.6	4.65	39.5	30.3	5.19
	80	72	51.5	27.5	3.79	48.5	26.4	4.21	45.6	25.2	4.69	42.3	23.9	5.24
	75	63	44.7	29.5	3.72	42.3	29.5	4.14	39.7	29.0	4.61	36.9	28.2	5.16
1500	80	62	45.4	43.1	3.73	43.1	42.0	4.14	40.5	40.4	4.62	38.0	38.0	5.17
	80	67	48.7	35.8	3.76	46.1	34.6	4.18	43.2	33.3	4.66	40.1	31.9	5.20
	80	72	52.1	28.6	3.80	49.3	27.5	4.22	46.2	26.2	4.70	42.8	24.9	5.25
	75	63	45.5	32.3	3.73	43.0	31.9	4.15	40.4	31.2	4.63	37.4	30.2	5.16
1650	80	62	46.3	45.3	3.74	43.9	43.7	4.15	41.6	41.6	4.64	39.0	39.0	5.18
	80	67	49.4	37.5	3.77	46.7	36.3	4.19	43.8	35.0	4.67	40.6	33.6	5.21
	80	72	52.8	29.7	3.80	49.9	28.5	4.23	46.7	27.3	4.71	43.3	25.9	5.25
	75	63	46.1	35.3	3.74	43.7	34.5	4.16	40.9	33.5	4.63	37.9	32.2	5.17

PPH2RD060K

O.D.T			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.
1450	80	62	53.6	45.8	4.55	50.6	45.0	5.04	47.3	44.4	5.60	43.8	42.6	6.25
	80	67	58.3	38.2	4.61	55.0	36.9	5.10	51.4	35.5	5.66	47.4	34.0	6.31
	80	72	63.6	30.4	4.69	59.9	29.1	5.17	55.9	27.8	5.73	51.5	26.3	6.39
	75	63	54.5	37.2	4.57	51.3	35.9	5.06	47.9	34.5	5.62	44.2	32.9	6.26
1650	80	62	55.1	49.5	4.57	52.0	49.1	5.06	48.7	47.8	5.62	45.3	45.3	6.27
	80	67	59.7	41.0	4.63	56.2	39.6	5.12	52.5	38.2	5.68	48.3	36.6	6.33
	80	72	65.0	32.1	4.71	61.1	30.8	5.19	57.0	29.5	5.75	52.4	28.0	6.41
	75	63	55.8	39.8	4.58	52.6	38.4	5.07	49.0	37.0	5.63	45.1	35.4	6.28
1850	80	62	56.5	53.5	4.59	53.3	52.2	5.08	50.2	50.2	5.64	46.8	46.8	6.30
	80	67	60.9	43.6	4.65	57.3	42.3	5.13	53.4	40.8	5.69	49.1	39.2	6.34
	80	72	66.1	33.8	4.73	62.1	32.5	5.21	57.8	31.1	5.76	53.0	29.6	6.42
	75	63	56.9	42.3	4.60	53.5	40.9	5.09	49.9	39.4	5.64	45.9	37.8	6.29

HEAT PUMP HEATING EXPANDED RATINGS

PPH2RD024K

		OUTDOOR TEMPERATURE (Deg. F)																							
	Indoor T.	10			17			20			30			40			47			50			60		
CFM	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
650	60	11.2	1.94	1.70	14.0	2.37	1.74	15.2	2.54	1.75	19.2	3.12	1.81	23.2	3.66	1.86	26.0	4.02	1.89	27.1	4.17	1.91	31.1	4.65	1.96
	70	10.7	1.87	1.68	13.3	2.25	1.73	14.4	2.41	1.75	18.2	2.92	1.83	21.9	3.38	1.90	24.5	3.68	1.95	25.6	3.81	1.97	29.4	4.21	2.05
	80	10.1	1.77	1.68	12.5	2.12	1.73	13.6	2.27	1.76	17.1	2.72	1.84	20.6	3.14	1.93	23.0	3.40	1.98	24.1	3.52	2.01	27.6	3.87	2.09
800	60	11.2	1.93	1.70	14.0	2.36	1.74	15.2	2.54	1.75	19.2	3.11	1.81	23.1	3.65	1.86	25.9	4.02	1.89	27.1	4.17	1.91	31.1	4.66	1.96
	70	10.7	1.87	1.68	13.3	2.25	1.73	14.4	2.41	1.75	18.2	2.92	1.83	21.9	3.38	1.90	24.5	3.68	1.95	25.6	3.81	1.97	29.4	4.21	2.05
	80	10.1	1.78	1.66	12.6	2.14	1.72	13.6	2.28	1.75	17.1	2.73	1.84	20.6	3.14	1.93	23.1	3.40	1.99	24.1	3.51	2.02	27.7	3.85	2.10
950	60	11.2	1.92	1.71	14.0	2.35	1.75	15.2	2.53	1.76	19.1	3.10	1.81	23.1	3.65	1.86	25.9	4.01	1.89	27.1	4.16	1.91	31.0	4.66	1.95
	70	10.7	1.87	1.68	13.3	2.25	1.73	14.4	2.41	1.75	18.2	2.92	1.83	21.9	3.38	1.90	24.5	3.68	1.95	25.6	3.81	1.97	29.4	4.21	2.05
	80	10.1	1.79	1.66	12.6	2.14	1.72	13.6	2.28	1.75	17.1	2.72	1.84	20.5	3.12	1.93	23.0	3.38	1.99	24.0	3.49	2.02	27.5	3.82	2.11

PPH2RD030K

		OUTDOOR TEMPERATURE (Deg. F)																							
	Indoor T.	10			17			20			30			40			47			50			60		
CFM	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
850	60	13.7	1.97	2.04	16.5	2.35	2.05	17.6	2.51	2.06	21.6	3.04	2.08	25.5	3.55	2.11	28.3	3.90	2.12	29.4	4.05	2.13	33.4	4.55	2.15
	70	13.1	1.86	2.06	15.7	2.20	2.09	16.8	2.35	2.10	20.5	2.81	2.14	24.2	3.27	2.17	26.8	3.57	2.20	27.9	3.70	2.21	31.6	4.12	2.25
	80	12.5	1.74	2.11	15.0	2.05	2.14	16.0	2.18	2.15	19.5	2.60	2.19	22.9	3.01	2.23	25.3	3.29	2.26	26.4	3.40	2.27	29.8	3.78	2.31
1050	60	13.6	1.96	2.04	16.4	2.34	2.06	17.6	2.50	2.06	21.5	3.03	2.08	25.5	3.55	2.11	28.2	3.90	2.12	29.4	4.05	2.13	33.4	4.55	2.15
	70	13.1	1.86	2.06	15.7	2.20	2.09	16.8	2.35	2.10	20.5	2.81	2.14	24.2	3.27	2.17	26.8	3.57	2.20	27.9	3.70	2.21	31.6	4.12	2.25
	80	12.5	1.75	2.10	15.0	2.06	2.13	16.0	2.19	2.14	19.5	2.61	2.19	23.0	3.01	2.23	25.4	3.29	2.26	26.4	3.40	2.28	29.9	3.78	2.32
1150	60	13.6	1.95	2.05	16.4	2.33	2.06	17.6	2.49	2.07	21.5	3.02	2.09	25.4	3.54	2.11	28.2	3.89	2.12	29.4	4.05	2.13	33.3	4.54	2.15
	70	13.1	1.86	2.06	15.7	2.20	2.09	16.8	2.35	2.10	20.5	2.81	2.14	24.2	3.27	2.17	26.8	3.57	2.20	27.9	3.70	2.21	31.6	4.12	2.25
	80	12.5	1.75	2.10	14.9	2.06	2.13	16.0	2.19	2.14	19.4	2.60	2.19	22.9	3.00	2.24	25.3	3.27	2.27	26.3	3.38	2.28	29.8	3.75	2.33

PPH2RD036K

		OUTDOOR TEMPERATURE (Deg. F)																							
	Indoor T.	10			17			20			30			40			47			50			60		
CFM	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1100	60	16.5	2.19	2.21	20.1	2.62	2.25	21.6	2.81	2.26	26.8	3.39	2.31	31.9	3.96	2.36	35.5	4.34	2.40	37.0	4.50	2.41	42.1	5.01	2.46
	70	15.9	2.05	2.27	19.3	2.45	2.31	20.8	2.62	2.33	25.7	3.15	2.39	30.6	3.65	2.46	34.0	3.99	2.50	35.5	4.13	2.52	40.4	4.58	2.58
	80	15.3	1.92	2.34	18.6	2.28	2.39	20.0	2.43	2.41	24.6	2.92	2.48	29.3	3.38	2.55	32.6	3.68	2.59	34.0	3.81	2.61	38.7	4.23	2.68
1200	60	16.5	2.18	2.21	20.1	2.62	2.25	21.6	2.80	2.26	26.7	3.39	2.31	31.9	3.95	2.36	35.5	4.34	2.40	37.0	4.50	2.41	42.1	5.02	2.46
	70	15.9	2.05	2.27	19.3	2.45	2.31	20.8	2.62	2.33	25.7	3.15	2.39	30.6	3.65	2.46	34.0	3.99	2.50	35.5	4.13	2.52	40.4	4.58	2.58
	80	15.3	1.92	2.33	18.6	2.29	2.38	20.0	2.44	2.40	24.6	2.92	2.47	29.3	3.38	2.55	32.6	3.69	2.60	34.0	3.81	2.62	38.7	4.22	2.69
1400	60	16.4	2.16	2.22	20.0	2.60	2.26	21.5	2.78	2.27	26.7	3.37	2.32	31.8	3.94	2.37	35.4	4.33	2.40	37.0	4.49	2.42	42.1	5.01	2.46
	70	15.9	2.05	2.27	19.3	2.45	2.31	20.8	2.62	2.33	25.7	3.15	2.39	30.6	3.65	2.46	34.0	3.99	2.50	35.5	4.13	2.52	40.4	4.58	2.58
	80	15.3	1.93	2.33	18.5	2.29	2.38	19.9	2.44	2.40	24.6	2.92	2.47	29.3	3.37	2.55	32.5	3.67	2.60	33.9	3.80	2.62	38.6	4.20	2.69

HEAT PUMP HEATING EXPANDED RATINGS (CONTINUED)

PPH2RD042K

		OUTDOOR TEMPERATURE (Deg. F)																							
	Indoor T.	10			17			20			30			40			47			50			60		
CFM	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1250	60	19.5	2.26	2.54	23.7	2.66	2.61	25.5	2.83	2.65	31.5	3.35	2.76	37.5	3.83	2.87	41.7	4.15	2.94	43.5	4.28	2.98	49.5	4.70	3.09
	70	18.8	2.09	2.64	22.8	2.46	2.73	24.6	2.61	2.76	30.4	3.08	2.89	36.2	3.52	3.01	40.2	3.81	3.10	42.0	3.93	3.14	47.8	4.30	3.26
	80	18.2	1.93	2.77	22.1	2.27	2.86	23.8	2.41	2.90	29.4	2.84	3.03	34.9	3.24	3.16	38.8	3.50	3.26	40.5	3.60	3.30	46.1	3.94	3.43
1350	60	19.7	2.23	2.58	23.9	2.64	2.65	25.7	2.81	2.69	31.8	3.34	2.79	37.9	3.84	2.89	42.2	4.17	2.97	44.0	4.30	3.00	50.1	4.73	3.10
	70	19.0	2.07	2.69	23.1	2.45	2.77	24.9	2.60	2.81	30.7	3.08	2.92	36.6	3.53	3.04	40.7	3.83	3.12	42.5	3.95	3.16	48.3	4.33	3.27
	80	18.4	1.92	2.81	22.4	2.26	2.90	24.0	2.40	2.94	29.7	2.84	3.07	35.4	3.25	3.19	39.3	3.52	3.28	41.0	3.63	3.32	46.7	3.98	3.44
1500	60	19.7	2.21	2.62	24.1	2.62	2.70	25.9	2.79	2.73	32.1	3.33	2.83	38.3	3.83	2.93	42.6	4.17	3.00	44.4	4.30	3.03	50.6	4.74	3.13
	70	19.2	2.06	2.73	23.4	2.44	2.81	25.1	2.59	2.84	31.1	3.08	2.96	37.0	3.54	3.07	41.2	3.84	3.15	42.9	3.96	3.18	48.9	4.35	3.29
	80	18.6	1.91	2.86	22.6	2.25	2.94	24.3	2.39	2.98	30.0	2.84	3.10	35.7	3.25	3.22	39.7	3.53	3.30	41.4	3.64	3.34	47.1	3.99	3.46

PPH2RD048K

		OUTDOOR TEMPERATURE (Deg. F)																							
	Indoor T.	10			17			20			30			40			47			50			60		
CFM	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1350	60	20.6	2.10	2.88	25.5	2.52	2.97	27.6	2.69	3.00	34.5	3.23	3.13	41.4	3.72	3.26	46.3	4.05	3.35	48.3	4.18	3.39	55.2	4.61	3.52
	70	19.9	1.92	3.03	24.6	2.30	3.13	26.6	2.46	3.17	33.4	2.96	3.31	40.1	3.41	3.44	44.8	3.71	3.54	46.8	3.83	3.58	53.6	4.22	3.72
	80	19.3	1.77	3.21	23.9	2.12	3.31	25.9	2.26	3.36	32.4	2.71	3.50	38.9	3.13	3.65	43.4	3.40	3.75	45.4	3.51	3.79	51.9	3.87	3.93
1500	60	20.6	2.09	2.88	25.4	2.51	2.97	27.5	2.68	3.01	34.5	3.22	3.14	41.4	3.72	3.26	46.3	4.05	3.35	48.4	4.18	3.39	55.3	4.61	3.52
	70	19.9	1.92	3.03	24.6	2.30	3.13	26.6	2.46	3.17	33.4	2.96	3.31	40.1	3.41	3.44	44.8	3.71	3.54	46.8	3.83	3.58	53.6	4.22	3.72
	80	19.3	1.76	3.21	23.9	2.11	3.31	25.8	2.26	3.35	32.3	2.71	3.50	38.9	3.13	3.64	43.5	3.40	3.74	45.4	3.52	3.79	52.0	3.88	3.93
1650	60	20.4	2.08	2.88	25.3	2.49	2.97	27.4	2.67	3.01	34.4	3.21	3.14	41.4	3.71	3.27	46.3	4.03	3.36	48.4	4.17	3.40	55.3	4.60	3.53
	70	19.9	1.92	3.03	24.6	2.30	3.13	26.6	2.46	3.17	33.4	2.96	3.31	40.1	3.41	3.44	44.8	3.71	3.54	46.8	3.83	3.58	53.6	4.22	3.72
	80	19.3	1.76	3.20	23.8	2.11	3.30	25.8	2.26	3.35	32.3	2.71	3.49	38.8	3.13	3.64	43.4	3.41	3.74	45.3	3.52	3.78	51.9	3.88	3.92

PPH2RD060K

		OUTDOOR TEMPERATURE (Deg. F)																							
	Indoor T.	10			17			20			30			40			47			50			60		
CFM	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1350	60	24.8	2.28	3.19	30.6	2.63	3.41	33.1	2.76	3.51	41.3	3.16	3.84	49.5	3.49	4.16	55.3	3.70	4.39	57.8	3.78	4.48	66.0	4.03	4.81
	70	24.0	2.07	3.40	29.6	2.38	3.64	32.0	2.51	3.74	40.1	2.88	4.09	48.2	3.19	4.43	53.9	3.38	4.67	56.3	3.46	4.78	64.4	3.69	5.12
	80	23.4	1.89	3.63	28.9	2.18	3.89	31.3	2.29	4.00	39.2	2.63	4.37	47.0	2.91	4.74	52.5	3.08	5.00	54.9	3.15	5.12	62.8	3.36	5.49
1500	60	25.1	2.27	3.23	30.9	2.63	3.45	33.4	2.77	3.54	41.8	3.18	3.85	50.1	3.54	4.16	56.0	3.76	4.37	58.5	3.84	4.47	66.9	4.11	4.77
	70	24.3	2.07	3.44	30.0	2.40	3.67	32.5	2.53	3.77	40.6	2.91	4.09	48.8	3.24	4.42	54.5	3.44	4.65	57.0	3.52	4.75	65.1	3.76	5.07
	80	23.7	1.89	3.68	29.3	2.19	3.92	31.6	2.30	4.03	39.6	2.66	4.38	47.6	2.96	4.72	53.2	3.14	4.97	55.6	3.21	5.07	63.6	3.44	5.42
1650	60	25.1	2.25	3.27	31.1	2.62	3.48	33.6	2.76	3.57	42.1	3.19	3.88	50.6	3.56	4.18	56.6	3.78	4.39	59.1	3.87	4.48	67.6	4.15	4.78
	70	24.6	2.07	3.49	30.4	2.40	3.71	32.9	2.53	3.80	41.1	2.93	4.12	49.3	3.27	4.43	55.1	3.48	4.65	57.6	3.56	4.74	65.8	3.82	5.06
	80	24.0	1.88	3.73	29.6	2.19	3.96	32.0	2.31	4.06	40.1	2.68	4.39	48.1	2.99	4.72	53.7	3.18	4.95	56.2	3.26	5.05	64.2	3.50	5.38

BLOWER PERFORMANCE

Model Number PPH2RD		External Static Pressure (in. WC)					
		0.1	0.2	0.3	0.4	0.5	0.6
024K †	Low	607	555	490	437	368	291
	Med	899	854	802	743	670	601
	High	1220	1178	1133	1091	1024	946
030K †	Low	847	808	770	726	664	562
	High	1104	1114	1064	1010	935	846
036K	Tap T1	1100	900	750	650	580	520
**	Tap T2	1170	1080	1000	620	900	860
*	Tap T3	1220	1180	1140	1100	1070	1020
	Tap T4	1370	1333	1300	1260	1230	1180
	Tap T5	1410	1340	1450	1320	1280	1240
042K	Tap T1	1380	1360	1340	1300	1260	1240
*	Tap T2	1530	1480	1450	1420	1390	1350
**	Tap T3	1570	1540	1500	1475	1440	1405
	Tap T4	1740	1700	1650	1630	1600	1560
	Tap T5	2130	2080	1970	1890	1850	1800
048K	Tap T1	1380	1360	1340	1300	1260	1240
**	Tap T2	1530	1480	1450	1420	1390	1350
*	Tap T3	1570	1540	1500	1475	1440	1405
	Tap T4	1740	1700	1650	1630	1600	1560
	Tap T5	2130	2080	1970	1890	1850	1800
060K	Tap T1	1370	1340	1310	1280	1260	1230
	Tap T2	1470	1440	1410	1380	1360	1320
**	Tap T3	1550	1520	1480	1450	1430	1400
*	Tap T4	1810	1770	1740	1720	1690	1660
	Tap T5	1890	1870	1840	1820	1800	1770

* Denotes factory set cooling speed
** Denotes factory set electric heating speed
† Denotes factory set heating and cooling speed
NOTE: Airflow performance is with a dry coil

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.

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Before purchasing this appliance, read important energy cost and efficiency information available from your retailer. Specifications and illustrations subject to change without notice and without incurring obligations.

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