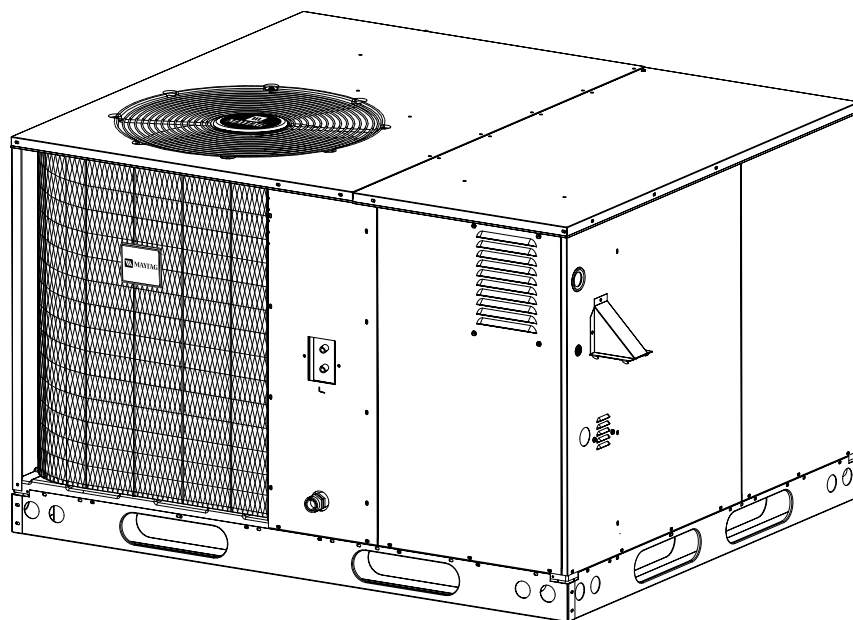




TECHNICAL SPECIFICATIONS

Model PPG1GD Series



M1200 Product Line

**Single Packaged Gas/Electric Units
13 SEER — 2 - 5 Ton Units**

- **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 unit's major component (heat exchanger or compressor) fails within the first 12 years of operation, to the original owner. All split system products must be installed with a matched indoor air handler or indoor coil to qualify.
- 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.
- Also when registered, this product is upgraded to a limited lifetime heat exchanger warranty.

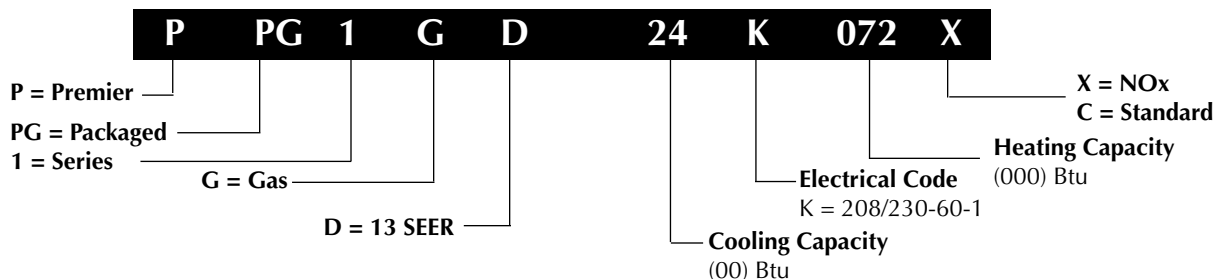


The PPG1GD Series single packaged gas/electrics are high efficiency self contained cooling units that can be installed on the roof or on a slab. The convertible unit design makes installations simple in all applications. Units are ETL and ETLc listed. The unit is truly designed with the contractor and the consumer in mind.

Features and Benefits

- **Compact Footprint/Low Profile**
Easy to handle and transport.
- **Heavy-Gauge, Full Perimeter Base Rails**
Facilitates forklift handling and curb mounting.
- **Convertible Air Delivery**
Horizontal or downflow to accommodate rooftop or horizontal application.
- **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.
- **Plastic Coated Coil Guard and Mesh Hail Guard**
Will never rust and protects the coil from being damaged by balls, lawnmowers, hail etc.
- **Externally Accessible Service Ports**
Quick access to refrigerant system without disrupting operation.
- **Access to Controls and Major Components**
Easy in and out service.
- **Corrosion-Resistant Drain Pan**
Quickly drains away evaporator condensate.
- **Smaller Panels, Great Fit and Finish, Total Seal** — Well-designed, quality construction. Drip edge on top panels whisks away rainwater. Embossed bottom pan keeps blower component compartment dry.
- **Proven, Industry Standard Components**
Easier service and availability.
- **Quiet Operation and Low Vibration**
20" fan blade combined with custom venturi condenser fan.
- **Accessories**
Roof curbs and more.
- **SmartStart® Control Board** — Provides extended life to ignitors using hot surface ignition technology. Programmed to learn the heat-up characteristics of the ignitor, then adapt the ignition time to the characteristics of the furnace so the ignitor is energized appropriately.
- **Low Pressure Control** — Loss of charge protection ensures long compressor life.
- **Quiet Plus™ Compressor Sound Blanket** — Engineered to significantly reduce unwanted noise.

IDENTIFICATION CODE



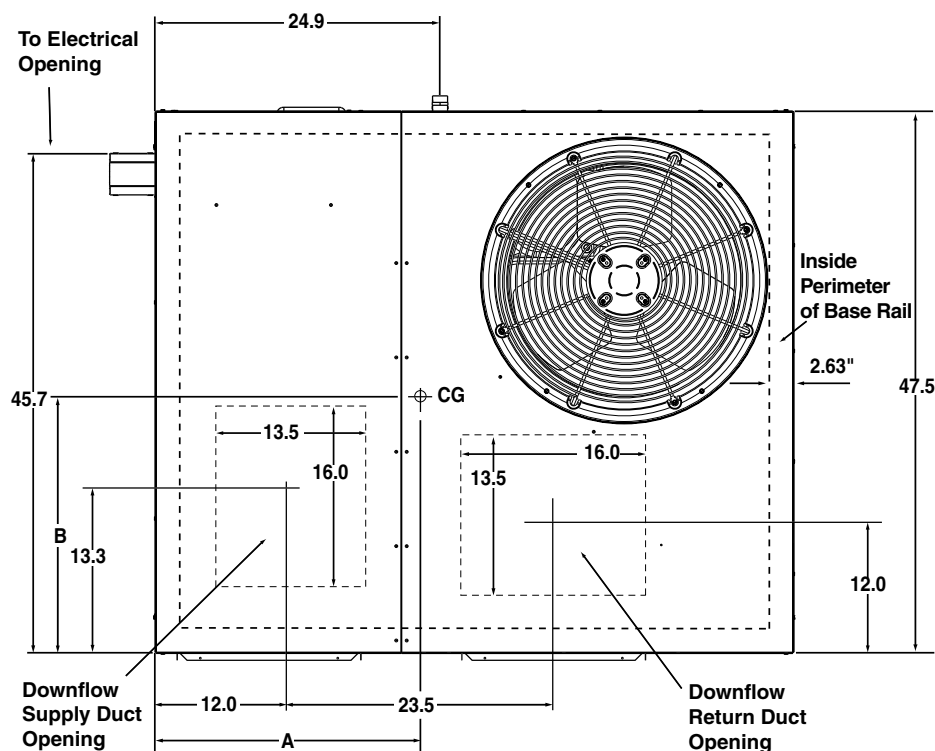
SPECIFICATIONS

Single Phase

MODEL PPG1GD	-024K045(*)	-024K072(*)	-030K045(*)	-030K072(*)	-036K072(*)	-036K096(*)	-042K72(*)	-042K96(*)	-048K96(*)	-48K120(*)	-060K096(*)	-060K120(*)
Performance												
Heating Input Btuh	45,000	72,000	45,000	72,000	72,000	96,000	72,000	96,000	96,000	120,000	96,000	120,000
Heating Output Btuh	35,000	56,000	35,000	56,000	56,000	75,000	56,000	75,000	75,000	94,000	75,000	94,000
Capacity-Cooling Btuh	23,000	23,000	28,000	28,000	35,000	35,000	40,000	40,000	46,000	46,000	55,000	55,000
AFUE	78	78	78	78	78	78	78	78	78	78	78	78
Efficiency -- SEER	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
Efficiency -- EER	11.4	11.4	11.0	11.0	10.9	10.9	11.0	11.0	10.5	10.5	10.3	10.3
Electrical Rating - 60 Hz												
Phase	1	1	1	1	1	1	1	1	1	1	1	1
Operating Voltage Range	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253
Minimum Circuit Ampacity	20.00	20.00	25	25	25.5	25.5	34.1	34.1	35.8	35.8	42.5	42.5
Max. Overcurrent Protection	30	30	40	40	40	40	50	50	50	50	70	70
Compressor Data												
Volts	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230
Rated Load Amps	11.6	11.6	15.7	15.7	16	16	21.5	21.5	22.5	22.5	28.2	28.2
Lock Rotor Amps	54	54	68	68	77	77	104	104	137	137	141	141
Indoor Blower												
Wheel Diameter	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10
Motor Type	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque
Motor HP	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	3/4	3/4	3/4
Motor Amps	4.1	4.1	4.1	4.1	4.1	4.1	6.0	6.0	6.0	6.0	6.0	6.0
Outdoor Fan												
Motor HP	1/4	1/4	1/8	1/8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
Motor Amps	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Fan Diameter/CFM	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500
Refrigerant Charge (oz)	89.6	89.6	93.4	93.4	100	100	192	192	216	216	188.8	188.8

* Can be either C or X

DIMENSIONS

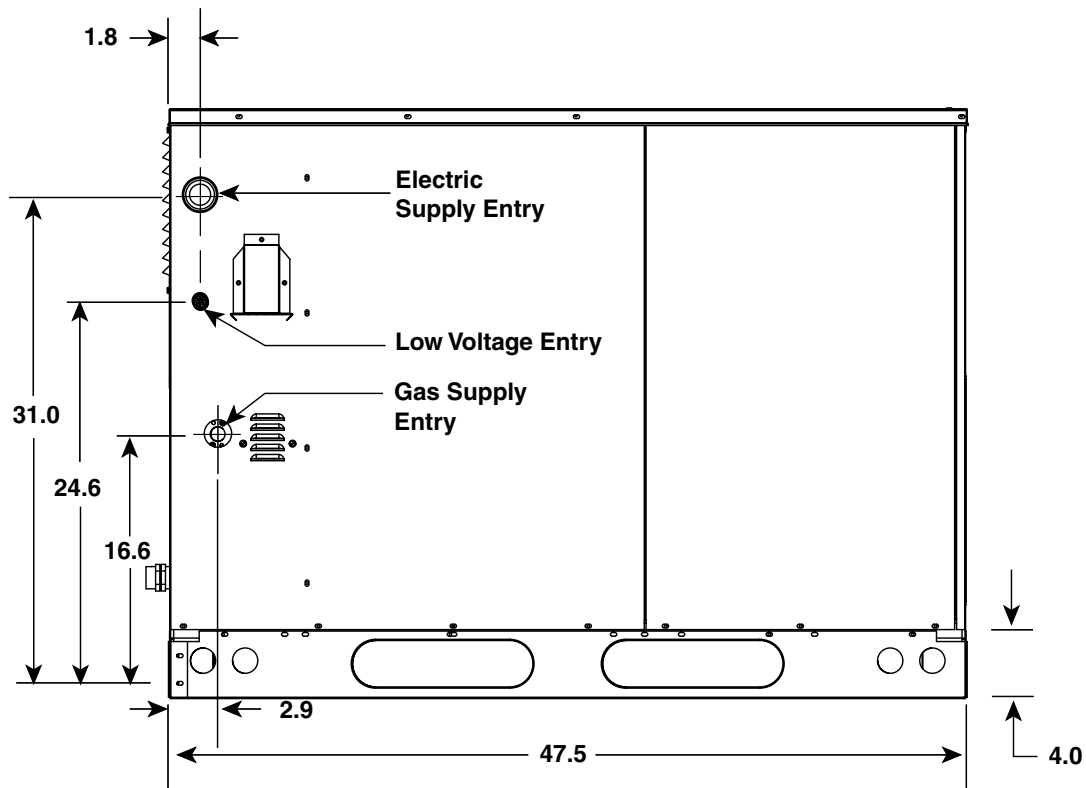


Top View

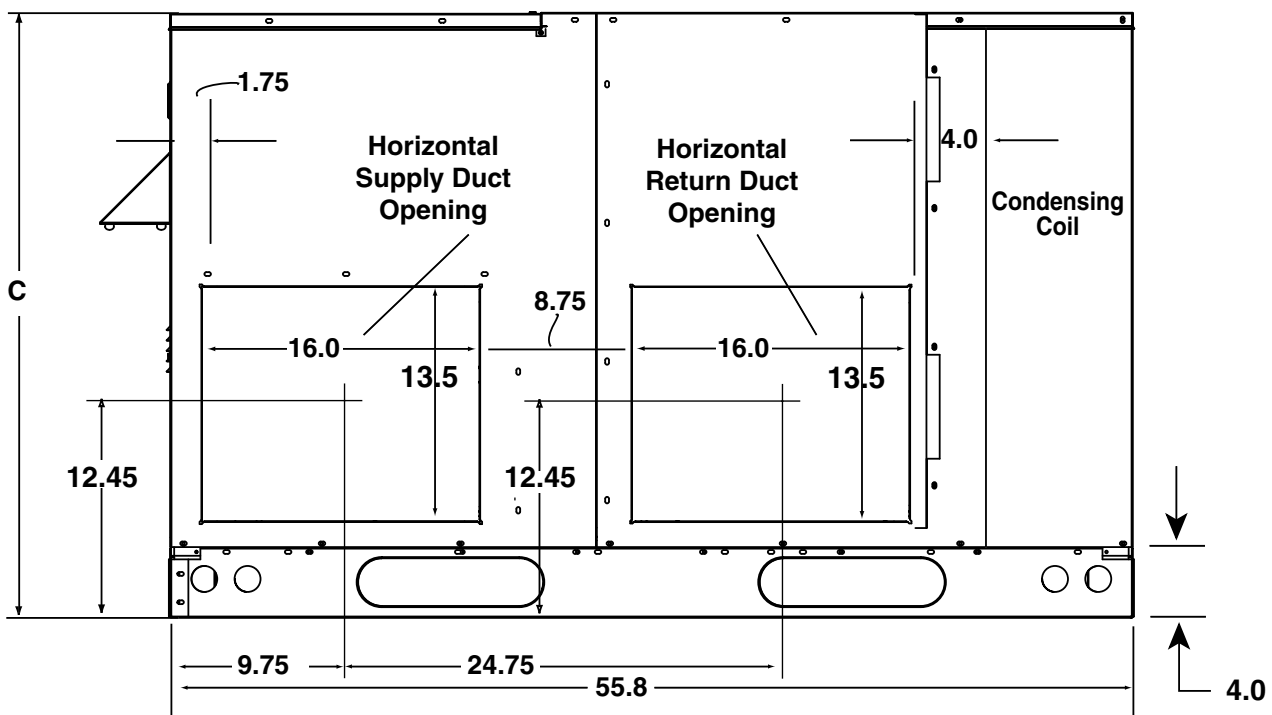
Model Number PPG1GD	Unit Weight	Shipping Weight	Center of Gravity		Height (in inches)	
			A	B	C	
					with base rails	without base rails
024K045†	425	435	26.5	26.5	39.0	35.3
024K072†	435	445	26.0	26.5	39.0	35.3
030K045†	430	440	26.5	26.5	39.0	35.3
030K072†	440	450	26.0	26.5	39.0	35.3
036K072†	470	480	26.5	26.5	39.0	35.3
036K096†	485	495	26.0	26.5	39.0	35.3
042K072†	500	510	27.0	26.5	39.0	35.3
042K096†	515	525	27.0	26.5	39.0	35.3
048K096†	540	550	27.5	26.5	43.0	39.3
048K120†	555	565	27.5	26.5	43.0	39.3
060K096†	560	570	27.5	26.5	43.0	39.3
060K120†	575	585	27.5	26.5	43.0	39.3

† Denotes either "C" or "X"

DIMENSIONS continued



Side View



Back View

AIRFLOW DATA

Model Number PPGIGD	Heating Input (BTUh)	Heating Output (BTUh)	Heating Rise Range(F)	Cooling Output (BTUh)	Motor Tap	Blower Size	Motor HP	External Static Pressure (Inches Water Column)																								
								0.1			0.2			0.3			0.4			0.5			0.6			0.7			0.8			
								CFM	Rise		CFM	Rise		CFM	Rise		CFM	Rise		CFM	Rise		CFM	Rise		CFM	Rise		CFM	Rise		CFM
24K045(f)	45,000	35,000	30-60	23,000	T1	10 X 10	1/2	845	38	735	44	625	52	540	60	453	72	335	--	217	--	207	--									
					*T2			905	36	830	39	750	43	690	47	635	45	575	56	515	--	495	--									
					**T3			950	34	880	37	810	40	755	43	705	46	655	49	600	54	570	57	570	41							
					T4			1110	--	1065	30	1020	32	965	34	910	36	865	37	825	39	790	41									
					T5			1260	--	1215	--	1175	--	1125	--	1075	30	1030	31	990	33	960	34									
24K072(f)	72,000	56,000	40-70	23,000	T1	10 X 10	1/2	845	61	735	62	750	69	690	--	635	--	575	--	495	--											
					*T2			905	57	830	62	750	69	690	--	635	--	575	--	495	--											
					**T3			950	55	880	59	810	64	755	54	910	57	865	60	825	63	790	66									
					T4			1110	47	1065	49	1,020	51	965	44	1,125	46	1,075	48	1,030	50	990	52	960	54							
					T5			1260	41	1215	43	1,175	44	1,125	44	1,125	46	1,075	48	1,030	50	990	52	960	54							
30K045(f)	45,000	35,000	30-60	28,000	T1	10 X 10	1/2	845	38	735	44	625	52	540	60	453	72	335	--	217	--											
					T2			905	36	830	39	750	43	690	47	635	45	575	56	515	--	495	--									
					**T3			950	34	880	37	810	40	755	43	705	46	655	49	600	54	570	57	570	41							
					*T4			1110	--	1065	30	1,020	32	965	34	910	36	865	37	825	39	790	41									
					T5			1260	--	1215	--	1,175	--	1,125	--	1,075	30	1,030	31	990	33	960	34									
30K072(f)	72,000	56,000	40-70	28,000	T1	10 X 10	1/2	845	61	735	62	750	69	690	--	635	--	575	--	495	--											
					T2			905	57	830	62	750	69	690	--	635	--	575	--	495	--											
					**T3			950	55	880	59	810	64	755	54	910	57	865	60	825	63	790	66									
					*T4			1110	47	1065	49	1,020	51	965	44	1,125	46	1,075	48	1,030	50	990	52	960	54							
					T5			1260	41	1215	43	1,175	44	1,125	44	1,125	46	1,075	48	1,030	50	990	52	960	54							
36K072(f)	72,000	56,000	40-70	35,000	T1	10 X 10	1/2	950	55	880	59	810	64	755	54	910	57	865	60	825	63	790	66									
					T2			1110	47	1065	49	1,020	51	965	44	1,125	46	1,075	48	1,030	50	990	52	960	54							
					T3			1220	43	1180	44	1,135	46	1,085	48	1,030	50	990	52	945	55	915	57									
					**T4			1260	41	1215	43	1,175	44	1,125	44	1,125	46	1,075	48	1,030	50	990	52	960	54							
					*T5			1345	--	1300	40	1,250	41	1,210	43	1,170	44	1,120	46	1,070	48	1,030	50									
36K096(f)	96,000	75,000	45-75	35,000	T1	10 X 10	3/4	950	73	880	--	810	--	755	--	705	--	655	--	600	--	570	--									
					T2			1110	63	1065	65	1,020	68	965	72	910	--	855	--	825	70	790	72									
					T3			1220	57	1180	59	1,135	61	1,085	64	1,030	67	990	70	945	73	915	75									
					**T4			1260	55	1215	57	1,175	59	1,125	62	1,075	65	1,030	67	990	70	960	72									
					*T5			1345	52	1300	53	1,250	56	1,210	57	1,170	59	1,120	62	1,070	65	1,030	67									
42K072(f)	72,000	56,000	40-70	40,000	T1	10 X 10	3/4	1020	51	940	55	860	60	800	65	740	70	680	--	615	--	570	--									
					T2			1185	44	1110	47	1,035	50	980	53	925	56	875	59	820	63	785	66									
					*T3			1410	37	1330	39	1,250	41	1,195	43	1,140	45	1,085	48	1,030	50	975	53									
					**T4			1525	--	1450	--	1370	--	1320	--	1270	41	1,210	43	1,150	45	1,100	47									
					T5			1650	--	1585	--	1520	--	1465	--	1405	--	1340	--	1280	54	1,235	56									
42K096(f)	96,000	75,000	45-75	40,000	T1	10 X 10	3/4	1185	59	1110	63	1,035	67	980	71	925	75	875	--	820	--	785	--									
					T2			1410	49	1330	52	1,250	56	1,195	58	1,140	61	1,085	64	1,030	67	975	71									
					T3			1525	46	1450	48	1,370	51	1,320	53	1,270	55	1,210	57	1,150	60	1,100	63									
					*T4			1650	--	1585	--	1520	--	1465	--	1405	--	1340	--	1280	54	1,235	56									
					**T5			1775	--	1715	--	1650	--	1600	--	1540	--	1485	--	1430	52	1,380	52									
48K096(f)	96,000	75,000	45-75	46,000	T1	10 X 10	3/4	1185	73	1110	--	1035	--	980	--	925	--	875	--	820	--	785	--									
					T2			1410	62	1330	65	1,250	70	1,195	73	1,140	--	1,085	--	1,030	--	975	--									
					T3			1525	57	1450	60	1,370	64	1,320	66	1,270	69	1,210	72	1,150	--	1,100	--									
					*T4			1650	53	1585	55	1,520	57	1,465	59	1,405	62	1,340	65	1,280	68	1,235	70									
					**T5			1775	49	1715	51	1,650	53	1,600	54	1,540	57	1,485	59	1,430	63	1,380	65									
60K096(f)	96,000	75,000	45-75	55,000	T1	10 X 10	3/4	1185	59	1110	63	1,035	67	980	71	925	75	875	--	820	--	785	--									
					T2			1410	49	1330	52	1,250	56	1,195	58	1,140	61	1,085	64	1,030	67	975	71									
					T3			1525	46	1450	48	1,370	51	1,320	53	1,270	55	1,210	57	1,150	60	1,100	63									
					*T4			1650	--	1585	--	1520	--	1465	--	1405	--	1340	--	1280	54	1,235	56									
					**T5			1775	--	1715	--	1650	--	1600	--	1540	--	1485	--	1430	52	1,380	52									
60K120(f)	120,000	94,000	45-75	55,000	T1	10 X 10	3/4	1185	73	1110	--	1035	--	980	--	925	--	875	--	820	--	785	--									
					T2			1410	62	1330	65	1,250	70	1,195	73	1,140	--	1,085	--	1,030	--	975	--									
					T3			1525	57	1450	60	1,370	64	1,320	66	1,270	69	1,210	72	1,150	--	1,100	--									
					*T4			1650	53	1585	55	1,520	57	1,465	59	1,405	62	1,340	65	1,280	68	1,235	70									
					**T5			1775	49	1715	51	1,650	53	1,600	54	1,540	57	1,485	59	1,430	63	1,380	65									

ACCESSORIES

Description	Part Number
Roof Curb (8")	547830
Roof Curb (14")	547831
Roof Curb (18")	547850
Roof Curb (24")	547851
Cap, Duct Adapter, 12" Round	913811A
Cap, Duct Adapter, 14" Round	913812A
Supply/return transition, 16"	547834
Supply/return transition, 18"	547835
Concentric diffuser, flush, 16"	547836
Concentric diffuser, flush, 18"	547837
Concentric diffuser, step down 16"	547838
Concentric diffuser, step down 18"	547839
Manual Fresh Air Damper	547832
Motorized Fresh Air Damper	547840
Economizer, downflow w/filter (does not require filter kit) modulating	547833
Economizer, horizontal modulating	547841
Economizer, horizontal 3-position w/filter	547896
Economizer, downflow 3-position w/filter	547897
Power Exhaust, horizontal economizer (special order)	547843
Power Exhaust, downflow economizer (special order)	547842
Filter Kit PPG1GD 024 - 042	547888
Filter Kit PPG1GD 048 - 060	547889
Filter Kit, All Downflow Applications (not required with economizer)	547885
Hood Type Hail Guard, Coil Dim. 34" X 76" PPG1GD-024,030,036,042	547846
Hood Type Hail Guard, Coil Dim. 38" X 76" PPG1GD-048,060	547847
CO2 sensors (special order)	547848
DUCT SMOKE DETECTOR PHOTO ELEC	547892
MULTI SIGNAL CONTROL	547893
SAMPLING TUBE ST3	547894
SAMPLING TUBE ST5	547895
Low Ambient Kit	913549A
High Pressure Switch Kit	913550
Low Pressure Switch Kit	913551
Canadian LP Gas Conversion Kit (0 to 4,500 ft above sea level)	904091A
U.S. LP Gas Conversion Kit (0 ft to 10,000 ft above sea level)	904090A
Outdoor Thermostat Kit	913852
Universal Hard Start Kit	912933
P-Trap Kit	913810



CERTIFICATION
APPLIES ONLY
WHEN THE COMPLETE
SYSTEM IS LISTED
WITH ARI



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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980B-0207 (Replaces 980B-0506)

Printed in U.S.A. (02/07)