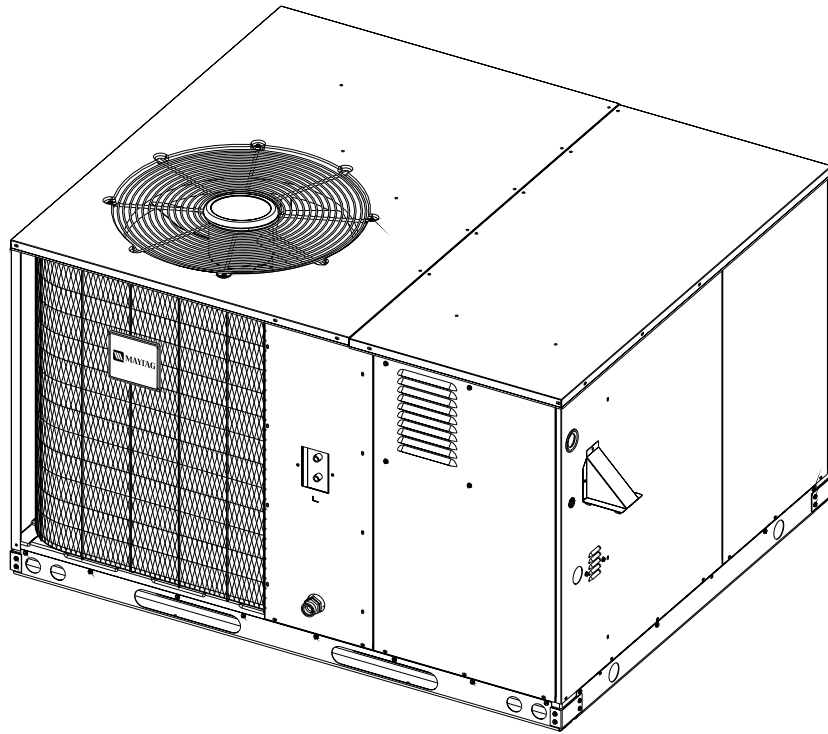




# TECHNICAL SPECIFICATIONS

## *Model PPG1GC Series*



M1010 Product Line

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

- **10 YEAR WARRANTY**
- **WORRY-FREE PERFORMANCE**
- **5 YEAR DEPENDABILITY PROMISE**

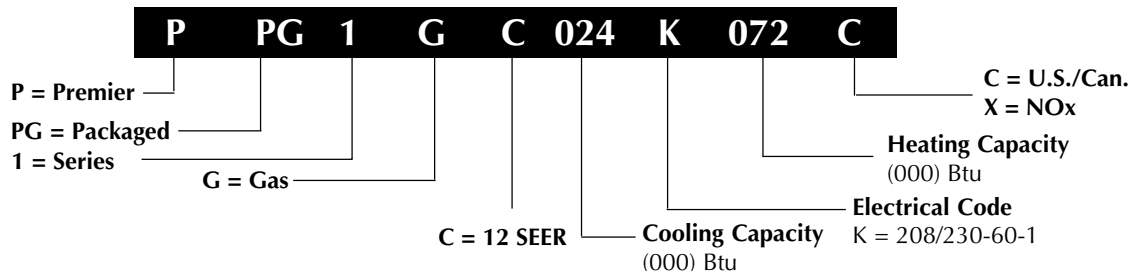


The PPG1GC Series single packaged gas/electrics are high efficiency self contained cooling units that can be installed on the roof or on a slab. The convertible unit design makes installations simple in all applications. Units are ETL and ETLc listed. The unit is truly designed with the contractor and 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.
- **10 Year Residential Parts and Labor Warranty and 5 Year Dependability Promise**  
The best warranty in the business.

# IDENTIFICATION CODE



# SPECIFICATIONS

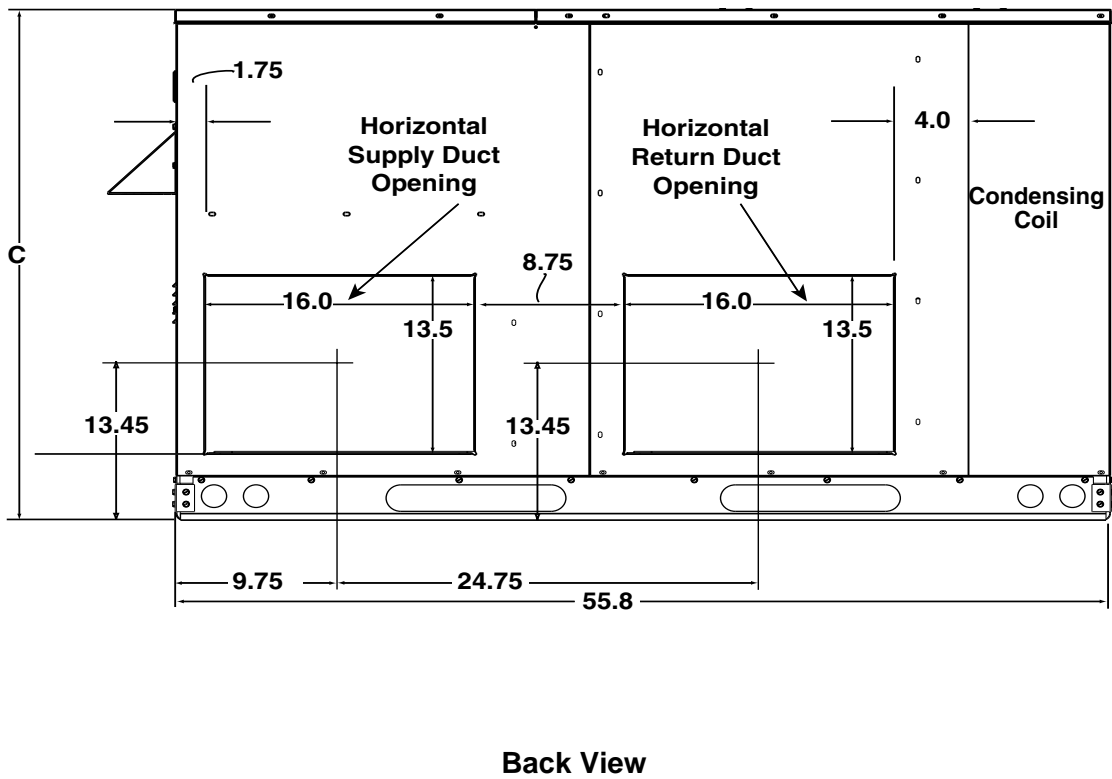
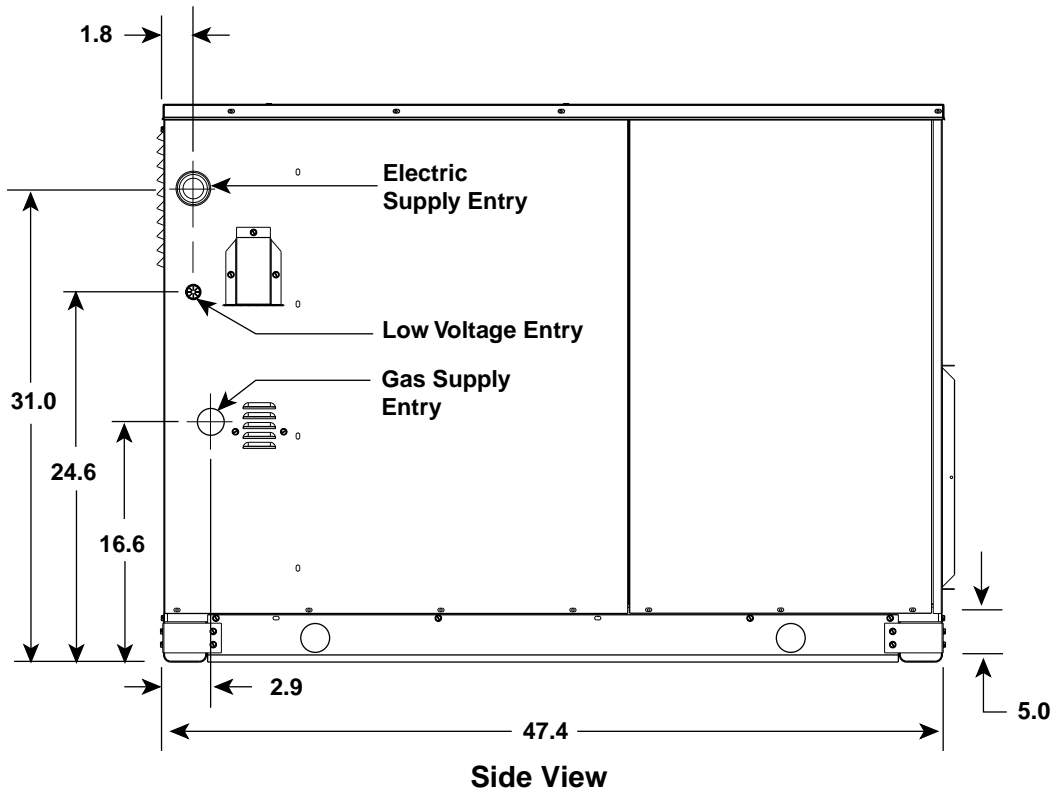
## Single Phase

Model PPG1GC	024K045( )	024K072C	030K045( )	030K072( )	036K072( )	036K096C	042K072( )	042K096C	048K096( )	048K120C	060K096( )	060K120C
<b>Performance</b>												
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	24,000	24,000	28,500	28,500	35,500	35,500	40,000	40,000	46,000	46,000	58,000	58,000
AFUE	78	78	78	78	78	78	78	78	78	78	78	78
Efficiency - SEER	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
Efficiency - EER	10.6	10.6	10.7	10.7	10.7	10.7	11.0	11.0	10.8	10.8	10.5	10.5
<b>Electrical Rating - 60 Hz</b>												
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	16.1	16.1	18.0	18.0	24.3	24.3	26.8	26.8	38.2	38.2	45.6	45.6
Max. Over-current Protection	25	25	30	30	40	40	40	40	60	60	60	60
<b>Compressor Data</b>												
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	10.9	10.9	12.4	12.4	16.0	16.0	18.0	18.0	21.4	21.4	32.1	32.1
Lock Rotor Amps	56	56	61	61	82	82	96	96	137	137	169	169
<b>Indoor Blower</b>												
Wheel Diameter	10x6				10x10				11x10			
Type / No. of Speeds	DD / 3	DD / 3	DD / 3	DD / 3	DD / 3	DD / 3	DD / 4	DD / 4	DD / 4	DD / 4	DD / 4	DD / 4
Motor - HP / RPM	1/4 - 1100	1/4 - 1100	1/4 - 1100	1/4 - 1100	1/2 - 1100	1/2 - 1100	1/2 - 1100	1/2 - 1100	3/4 - 1100	3/4 - 1100	3/4 - 1100	3/4 - 1100
Motor - Amps	1.3	1.3	1.3	1.3	3.1	3.1	3.1	3.1	4.0	4.0	4.0	4.0
<b>Outdoor Fan</b>												
Motor - HP / RPM	1/4 - 825	1/4 - 825	1/4 - 825	1/4 - 825	1/4 - 825	1/4 - 825	1/4 - 825	1/4 - 825	1/4 - 825	1/4 - 825	1/4 - 825	1/4 - 825
Motor - Amps	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5	1.5
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
<b>Refrigerant Charge - oz.</b>	67	67	84	84	79	79	157	157	186	186	216	216

( ) Can be "C" or "X"



# DIMENSIONS continued



# AIRFLOW DATA

Model Number PPG1GC	Heating Input (Btuh)	Heating Output (Btuh)	Heating Rise Range (F)	Cooling Output (Btuh)	Motor Speed	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	Rise
024K045(f)	45,000	35,000	30-60	24,000	High Medium Low**	10 X 6	1/4	1172	-	1109	-	1043	31	975	33	903	36	829	39	752	43	672	48		
024K072(f)	72,000	56,000	40-70	24,000	High Medium Low**	10 X 6	1/4	1075	30	1018	32	957	34	892	36	824	39	752	43	676	48	596	54		
030K045(f)	45,000	35,000	30-60	28,500	High** Medium Low*	10 X 6	1/4	845	38	795	41	741	44	683	48	620	52	552	59	480	-	403	-		
030K072(f)	72,000	56,000	40-70	28,500	High** Medium Low*	10 X 6	1/4	1160	45	1102	47	1041	50	976	53	908	57	837	62	762	68	684	-		
036K072(f)	72,000	56,000	40-70	35,500	High Medium Low**	10 X 10	1/2	1064	49	1012	51	955	54	895	58	831	63	762	68	690	-	613	-		
036K096(f)	96,000	75,000	45-75	35,500	High Medium Low**	10 X 10	1/2	841	62	797	65	749	69	695	-	636	-	571	-	502	-	427	-		
042K072(f)	72,000	56,000	40-70	40,000	High Medium** Low*	10 X 10	1/2	1250	-	1194	-	1135	-	1074	30	1010	32	944	34	875	37	805	40		
042K096(f)	96,000	75,000	45-75	40,000	High Medium** Low*	10 X 10	1/2	1121	-	1071	30	1017	32	959	34	897	36	832	39	762	43	689	47		
048K096(f)	96,000	75,000	45-75	46,000	High Med-High Med-Low**	11 X 10	3/4	854	38	808	40	757	43	702	46	642	51	577	56	509	-	435	-		
048K120(f)	120,000	94,000	45-75	46,000	High Med-High Med-Low**	11 X 10	3/4	1274	41	1220	43	1162	45	1100	47	1033	50	962	54	886	59	806	65		
060K096(f)	96,000	75,000	45-75	58,000	High Med-High** Med-Low*	11 X 10	3/4	1159	45	1107	47	1052	49	991	52	927	56	858	61	785	66	708	-		
060K120(f)	120,000	94,000	45-75	58,000	High Med-High** Med-Low*	11 X 10	3/4	898	58	857	61	809	64	756	69	697	-	632	-	561	-	484	-		
								2182	-	2107	-	2015	-	1906	-	1779	-	1636	-	1475	-	1298	43		
								1916	-	1853	-	1773	-	1677	-	1564	-	1435	-	1288	43	1125	50		
								1520	-	1478	-	1421	40	1348	42	1259	44	1155	47	1035	52	900	60		
								2128	-	2037	-	1930	-	1808	-	1671	-	1518	46	1351	51	1168	59		
								1907	-	1826	-	1733	-	1628	-	1511	46	1382	50	1242	56	1089	64		
								1503	46	1439	48	1368	51	1290	54	1205	58	1114	62	1016	68	911	-		
								2182	-	2107	-	2015	-	1906	-	1779	-	1636	-	1475	-	1298	43		
								1916	-	1853	-	1773	-	1677	-	1564	-	1435	40	1288	43	1125	50		
								1520	-	1478	-	1421	40	1348	42	1259	44	1155	47	1035	52	900	60		
								2128	-	2037	-	1930	-	1808	-	1671	-	1518	46	1351	51	1168	59		
								1907	-	1826	-	1733	-	1628	-	1511	46	1382	50	1242	56	1089	64		
								1503	46	1439	48	1368	51	1290	54	1205	58	1114	62	1016	68	911	-		
								2182	-	2107	-	2015	-	1906	-	1779	-	1636	-	1475	-	1298	43		
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								1520	-	1478	-	1421	40	1348	42	1259	44	1155	47	1035	52	900	60		
								2128	-	2037	-	1930	-	1808	-	1671	-	1518	46	1351	51	1168	59		
								1907	-	1826	-	1733	-	1628	-	1511	46	1382	50	1242	56	1089	64		
								1503	46	1439	48	1368	51	1290	54	1205	58	1114	62	1016	68	911	-		
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								1520	-	1478	-	1421	40	1348	42	1259	44	1155	47	1035	52	900	60		
								2128	-	2037	-	1930	-	1808	-	1671	-	1518	46	1351	51	1168	59		
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								1503	46	1439	48	1368	51	1290	54	1205	58	1114	62	1016	68	911	-		
								2182	-	2107	-	2015	-	1906	-	1779	-	1636	-	1475	-	1298	43		
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								1520	-	1478	-	1421	40	1348	42	1259	44	1155	47	1035	52	900	60		
								2128	-	2037	-	1930	-	1808	-	1671	-	1518	46	1351	51	1168	59		
								1907	-	1826	-	1733	-	1628	-	1511	46	1382	50	1242	56	1089	64		
								1503	46	1439	48	1368	51	1290	54	1205	58	1114	62	1016	68	911	-		
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								2182	-	2107	-	2015	-	1906	-	1779	-	1636	-	1475	-	1298	43		
								1916	-	1853	-	1773	-	1677											

## ACCESSORIES

Description	Part Number
Roof Curb (8")	547830
Roof Curb (14")	547831
Roof Curb (18")	547850
Roof Curb (24")	547851
Filter Rack, All Downflow Applications (not required with economizer)	547885
Filter Kit (not required with economizer) for Horizontal Applications PPG1GC 024	547886
Filter Kit (not required with economizer) for Horizontal Applications PPG1GC 030 - 042	547888
Filter Kit (not required with economizer) for Horizontal Applications PPG1GC 048K - 060K	547889
Universal Hard Start Kit	912933
High Pressure Switch Kit	913550
Low Ambient Kit	913549A
P-Trap Kit	913810
U.S. LP Gas Conversion Kit (0 ft to 10,000 ft above sea level)	903616
Canadian LP Gas Conversion Kit (0 to 4,500 ft above sea level)	903617



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Professionalism



Through Technician  
Certification by NATE

 **MAYTAG**

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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