



Air Conditioning & Heating



3 - 5 Ton
3-PHASE

PRODUCT SPECIFICATIONS

GPG10 COMMERCIAL

10 SEER/80% AFUE

SELF-CONTAINED
PACKAGED GAS/ELECTRIC

COOLING CAPACITIES:
35,000 TO 56,000 BTUH

HEATING CAPACITIES:
92,000 TO 138,000 BTUH



The Goodman® GPG10 Commercial Packaged Gas/Electric Unit features energy-efficient cooling and heating performance in one self-contained unit. This unit is available in single-phase and three-phase models and allows for ground-level or rooftop mount, horizontal or downflow applications. The GPG10 is approved for manufactured or modular homes. In addition to a fully insulated cabinet, the exterior is constructed of painted sheet metal that offers a high-quality, UV-resistant powder-paint finish.

Standard Features

- Energy-efficient compressor with internal relief valve
- Copper tube/aluminum fin coils
- Fully charged R-22 system
- Redundant gas valve for natural gas with easy conversion to propane
- Durable, corrosion-resistant aluminized-steel tubular heat exchanger
- Direct-spark ignition system includes a microprocessor-based control for the entire ignition sequence
- All blower operation and all safety circuits complete with self-diagnostics
- All models comply with California NOx standards

Cabinet Features

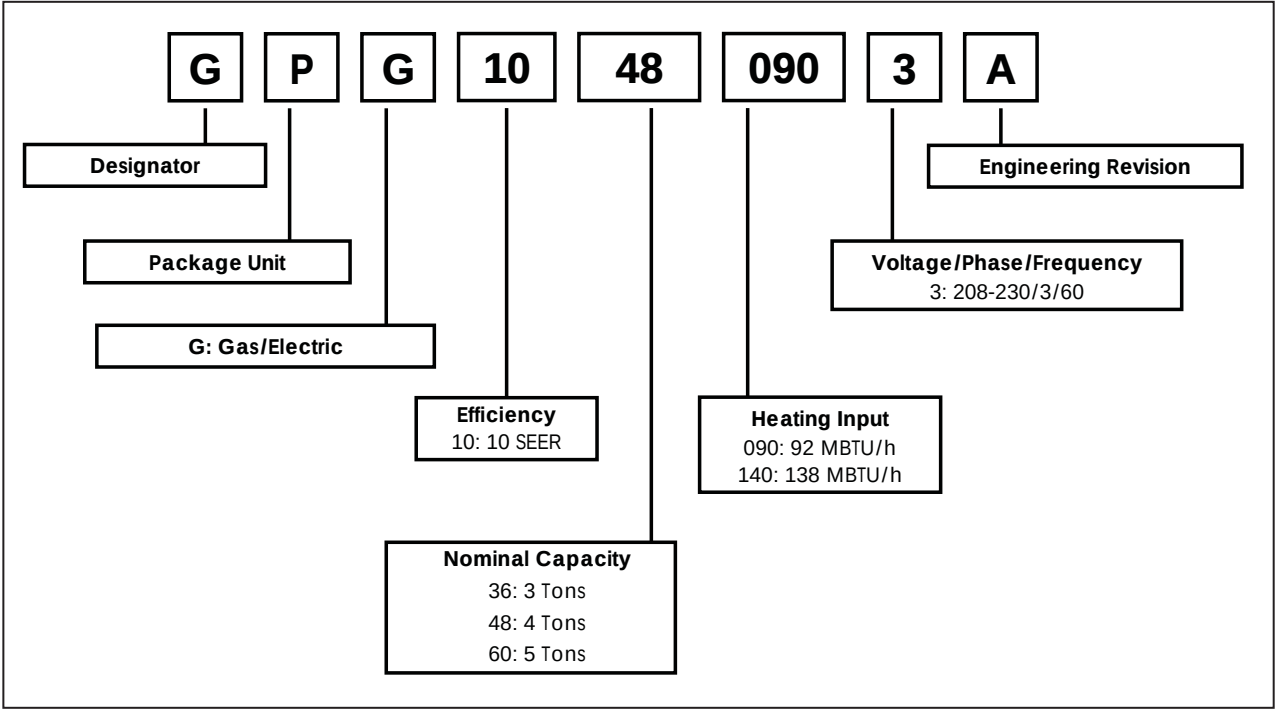
- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- Fully insulated cabinet
- One roof curb fits all units
- One footprint; one height
- Convenient access panels
- Fits in a standard-size pick-up truck

Accessories

- 25% manual and motorized fresh air dampers
- Downflow and horizontal economizers
- Roof curb
- Square to round converter
- L.P. Conversion Kit
- Room Thermostat



NOMENCLATURE



SPECIFICATIONS

	GPG10 360903A	GPG10 480903A	GPG10 600903A	GPG10 601403A	GPG10 601404A
Total Cooling Capacity, BTUH	35,200	47,000	56,000	56,000	56,000
Sensible Cooling Capacity, BTUH	27,400	36,200	43,600	43,600	43,600
EER ¹	9.3	9.1	9.0	9.0	9.0
SEER	10.0	10.0	10.0	10.0	10.0
Sound Rating, dba	76.0	76.0	76.0	76.0	76.0
Heating Input, BTUH (US)	92,000	92,000	92,000	138,000	138,000
Heating Output, BTUH (US)	72,900	72,900	72,900	110,200	110,200
Outdoor Steady State Efficiency	82.6%	82.6%	82.6%	83.1%	83.1%
Temperature Rise Range (°F)	45 - 75	45 - 75	45 - 75	45 - 75	45 - 75
Number of Burners	4	4	4	6	6
Orifice Size: Natural/Propane	43"/55"	43"/55"	43"/55"	43"/55"	43"/55"
Indoor Blower					
Type	DD	DD	DD	DD	DD
Blower Wheel (D x W)	11" X 10"	11" X 10"	11" X 10"	11" X 10"	11" X 10"
Nominal CFM (ID)	1,250	1,525	1,950	1,950	1,950
Horsepower - RPM	¾ - 1,100	¾ - 1,100	¾ - 1,100	¾ - 1,100	¾ - 1,100
Evaporator Coil					
Face Area (ft²)	5.67	5.67	5.67	5.67	5.67
Rows Deep/Fins per Inch	2/14	4/14	4/14	4/14	4/14
Piston Size (Cooling - ")	0.071"	0.08"	0.092"	0.092"	0.092"
Filter Size (ft²)	4.3	5.4	6.8	6.8	6.8
Drain Size (NPT)	3/4"	3/4"	3/4"	3/4"	3/4"
Refrigerant Charge	75	98	100	100	100
Condenser Fan					
Horsepower - RPM	¼ - 1,075	⅓ - 1,075	⅓ - 1,075	⅓ - 1,075	⅓ - 1,075
Fan Diameter/Number of Fan Blades	22"/3	22"/3	22"/3	22"/3	22"/3
Nominal CFM (OD)	2,700	3,500	3,500	3,500	3,500
Condenser Coil					
Face Area (ft²)	15.3	15.3	15.3	15.3	15.3
Rows Deep/Fins per Inch	1/19	1/19	1/19	1/19	1/19
Electrical					
Volts/Phase/Frequency	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	460/3/60
Compressor RLA/LRA	8.9/63.0	12.6/91.0	17.3/123.0	17.3/123.0	7.5/49.5
Indoor Blower FLA/LRA	2.6/5.0	4.7/12.2	4.7/12.2	4.7/12.2	2.2/4.8
Outdoor Fan RLA/LRA	1.8/3.8	2.4/5.2	2.4/5.2	2.4/5.2	1.2/2.6
Minimum Circuit Ampacity	15.6	22.9	25.8	25.8	12.8
Max. Overcurrent Protection ²	20	30	40	40	20
Electrical Entrance Size					
Power Supply	1⅞"	1⅞"	1⅞"	1⅞"	1⅞"
Control Voltage	⅞"	⅞"	⅞"	⅞"	⅞"
Operating Weight (lbs)	478	496	512	526	526
Ship Weight (lbs)	500	518	534	548	548

¹ BTU/Watt @ 80/67 °F inside; 95°F outside air

² HACR breakers may be used in place of fuses up to 60 amps

PRODUCT SPECIFICATIONS

EVAPORATOR BLOWER SPECIFICATIONS

3-TON MODELS

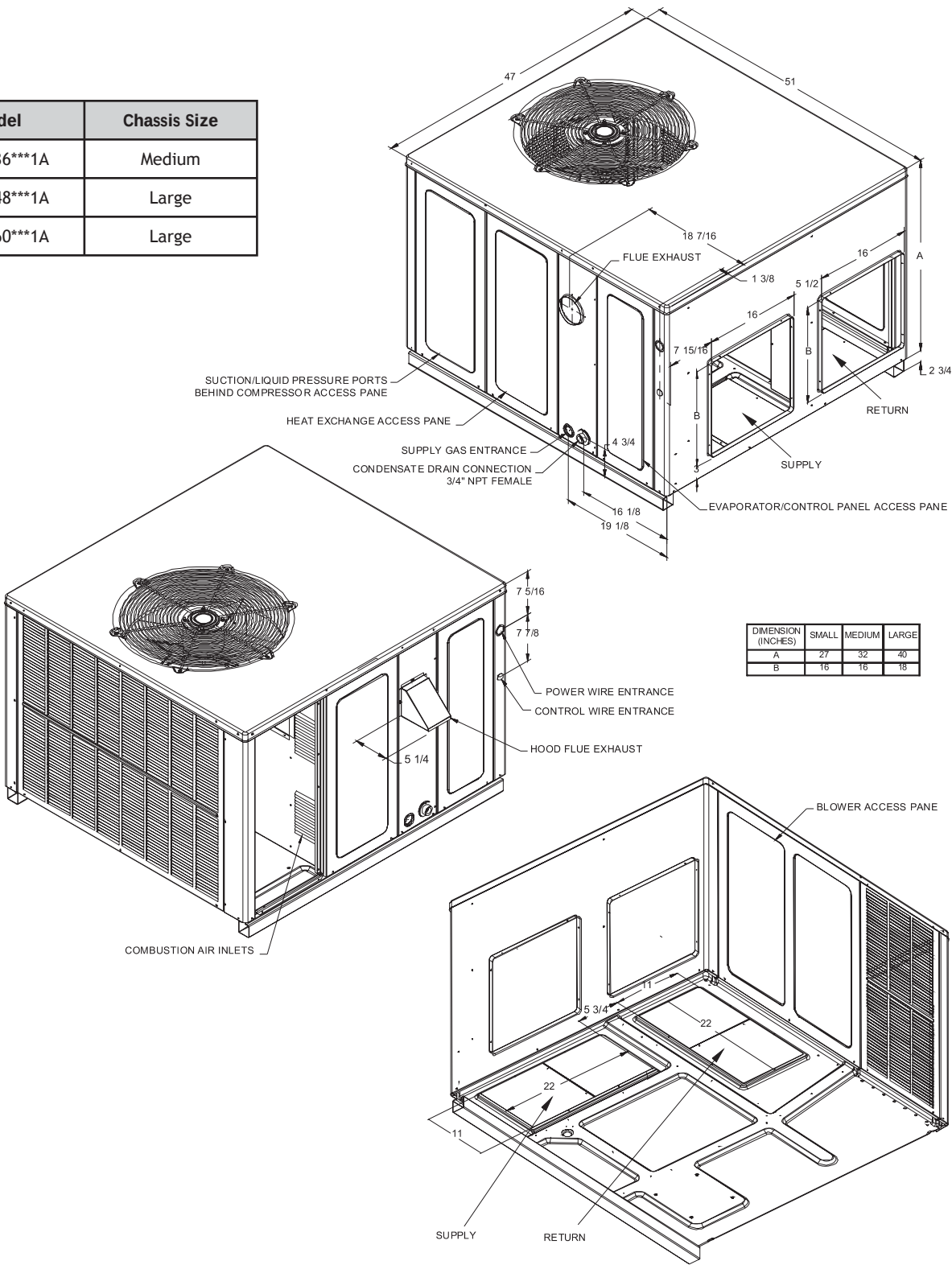
Motor Speed	HIGH				MED				LOW				LOW			
E.S.P.	CFM	Watts	RPM	Amps	CFM	Watts	RPM	Amps	CFM	Watts	RPM	Amps	CFM	Watts	RPM	Amps
0.1	1,420	485	1,025	2.15	1,365	455	991	1.98	1,200	390	881	1.7	980	310	754	1.37
0.2	1,350	470	1,036	2.09	1,310	430	1,009	1.88	1,145	375	937	1.6	950	300	820	1.3
0.3	1,270	445	1,058	1.98	1,225	410	1,030	1.81	1,095	360	976	1.54	920	295	887	1.27
0.4	1,175	420	1,074	1.91	1,145	390	1,052	1.72	1,015	335	992	1.47	850	280	909	1.21
0.5	1,090	395	1,085	1.82	1,055	365	1,069	1.66	940	320	1,014	1.4	-	-	-	-
0.6	995	380	1,096	1.75	950	350	1,081	1.58	850	305	1,041	1.33	-	-	-	-
0.7	875	355	1,109	1.66	835	325	1,096	1.51	-	-	-	-	-	-	-	-
0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

4- TO 5-TON MODELS

Motor Speed	HIGH				MED				LOW			
E.S.P.	CFM	Watts	RPM	Amps	CFM	Watts	RPM	Amps	CFM	Watts	RPM	Amps
0.1	2,287	1,180	1,036	5.52	1,718	857	813	4.02	1,437	731	705	3.49
0.2	2,212	1,152	1,047	5.42	1,662	822	845	3.84	1,415	716	749	3.39
0.3	2,149	1,115	1,058	5.22	1,633	799	869	3.72	1,379	699	793	3.3
0.4	2,077	1,086	1,069	5.11	1,579	770	894	3.58	1,347	681	832	3.19
0.5	1,986	1,049	1,073	4.97	1,517	742	924	3.43	1,305	659	865	3.08
0.6	1,897	1,013	1,083	4.83	1,445	712	952	3.29	1,258	634	898	2.96
0.7	1,798	967	1,091	4.66	1,383	683	973	3.15	1,186	605	931	2.81
0.8	1,697	929	1,096	4.52	1,296	650	999	2.97	1,124	578	964	2.68

DIMENSIONS

Model	Chassis Size
GPG**36***1A	Medium
GPG**48***1A	Large
GPG**60***1A	Large



PRODUCT SPECIFICATIONS

ACCESSORIES

Part Number	Description
PGC 101/ 102/ 103	Roof Curb
PGED 101/ 102/ 103	Downflow Economizer
PGEH 101/ 102/ 103	Horizontal Economizer
PGMDD 101/102	Manual 25% Fresh Air Damper—Downflow Applications
PGMDD 103	Manual 25% Fresh Air Damper—Downflow Applications
PGMDH 101/ 102/ 103	Manual 25% Fresh Air Damper—Horizontal Applications
PGMDMD 101/ 102/ 103	Motorized 25% Fresh Air Damper—Downflow Applications
PGMDMH 101/ 102/ 103	Motorized 25% Fresh Air Damper—Horizontal Applications
SQRPG101/102	Square-to-Round Adapter (16" Round)—Downflow Applications
SQRPG103	Square-to-Round Adapter (18" Round)—Downflow Applications
PGFR101/102	Internal Filter Rack

Offered by McDaniel Metals • Main: (281) 987-8400 • Fax: (281) 987-9494

LPT-00A	L.P. Conversion Kit
CHSATG	Thermostat: White, 1-Stage Heating/1-Stage Cooling, Nonprogrammable
CH70TG	Thermostat: White, 1-Stage Heating/1-Stage Cooling, Nonprogrammable, Digital

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