



Air Conditioning & Heating

# GPC13M

## PACKAGED AIR CONDITIONER 3, 4, & 5 TONS / 13 SEER

**COOLING CAPACITY:**  
**36,000 - 56,000 BTU/H**



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### Standard Features

- Energy-efficient compressor with internal relief valve
- EEM blower motor; PSC blower motor on 3-ton units
- Convertible airflow: horizontal or downflow
- All-Aluminum evaporator coil (on C\* revision levels)
- Copper tube/aluminum fin condenser coil
- Totally enclosed, permanently lubricated condenser fan motor
- Fully charged R-410A system
- Electric heat kit available as a field-installed accessory
- AHRI Certified; ETL Listed

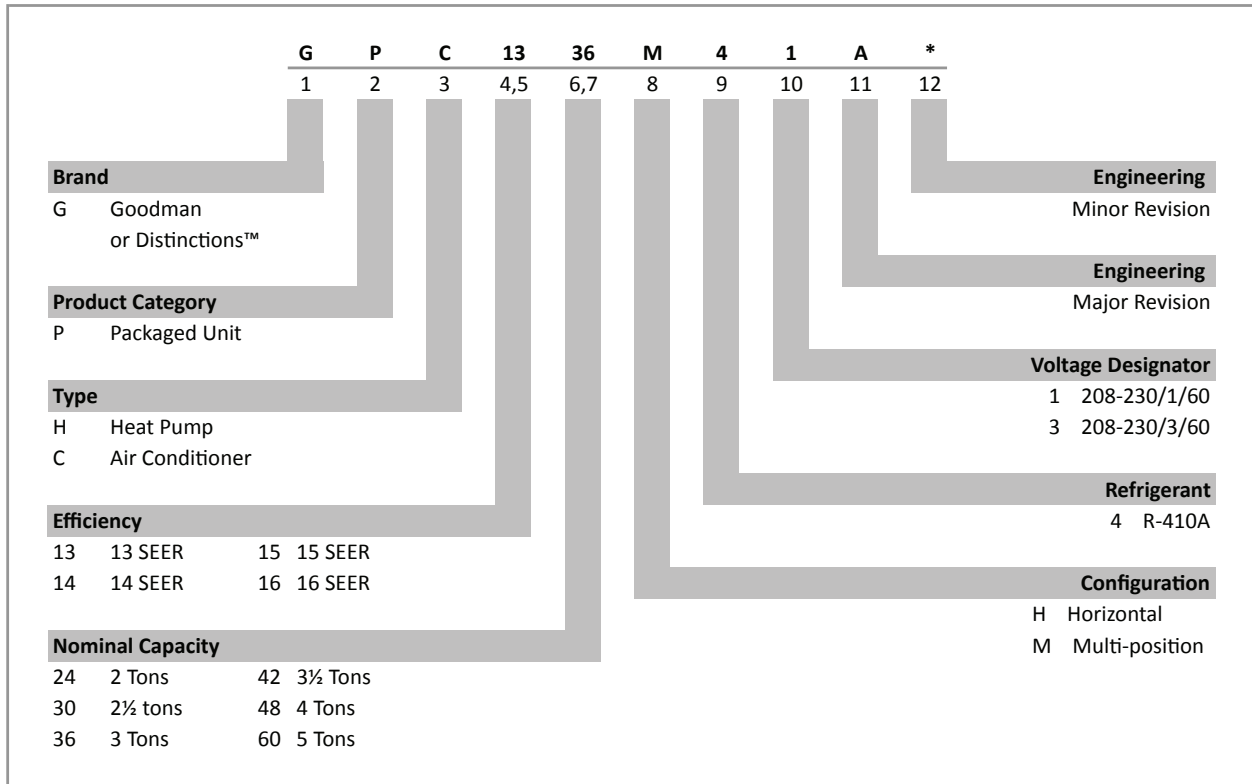
### Cabinet Features

- Heavy-gauge galvanized-steel cabinet with attractive Architectural Gray powder-paint finish
- Fully insulated blower compartment with convenient access panels
- Louvered condenser coil protection
- One footprint; two heights



\* Complete warranty details available from your local dealer or at [www.goodmanmfg.com](http://www.goodmanmfg.com). To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration not required in California or Québec.

NOMENCLATURE



ACCESSORIES

ACCESSORY DESCRIPTION	ITEM NUMBER	
	MEDIUM CHASSIS	LARGE CHASSIS
Concentric Kit	CDK36	CDK4872
Downflow Economizer	GPH13MED102	GPH13MED103
Downflow Internal Filter Rack	GPH13MFR102	GPH13MFR103
Downflow Manual Damper	PGMDD101/102	PGMDD103
Downflow Motorized Damper	PGMDMD101/102	PGMDMD103
Downflow Square to Round	SQRPG101/102	SQRPG103
External Horizontal Filter Rack	GPGHFR101-103	GPGHFR101-103
Horizontal Duct Cover	20464501PDGK	20464502PDGK
Horizontal Economizer	PEHH101/102	PEHH103
Horizontal manual Damper	PGMDH102	PGMDH103
Horizontal Motorized Damper	PGMDMH102	PGMDMH103
Horizontal Square to Round	SQRPGH101/102	SQRPGH103
Outdoor Thermostat & Emergency Heat Relay Kit	OT/EHR18-60	OT/EHR18-60
Outdoor Thermostat Kit w/ Lockout Stat	OT18-60A	OT18-60A
Roof Curb	PGC101/102/103	PGC101/102/103



**SPECIFICATIONS**

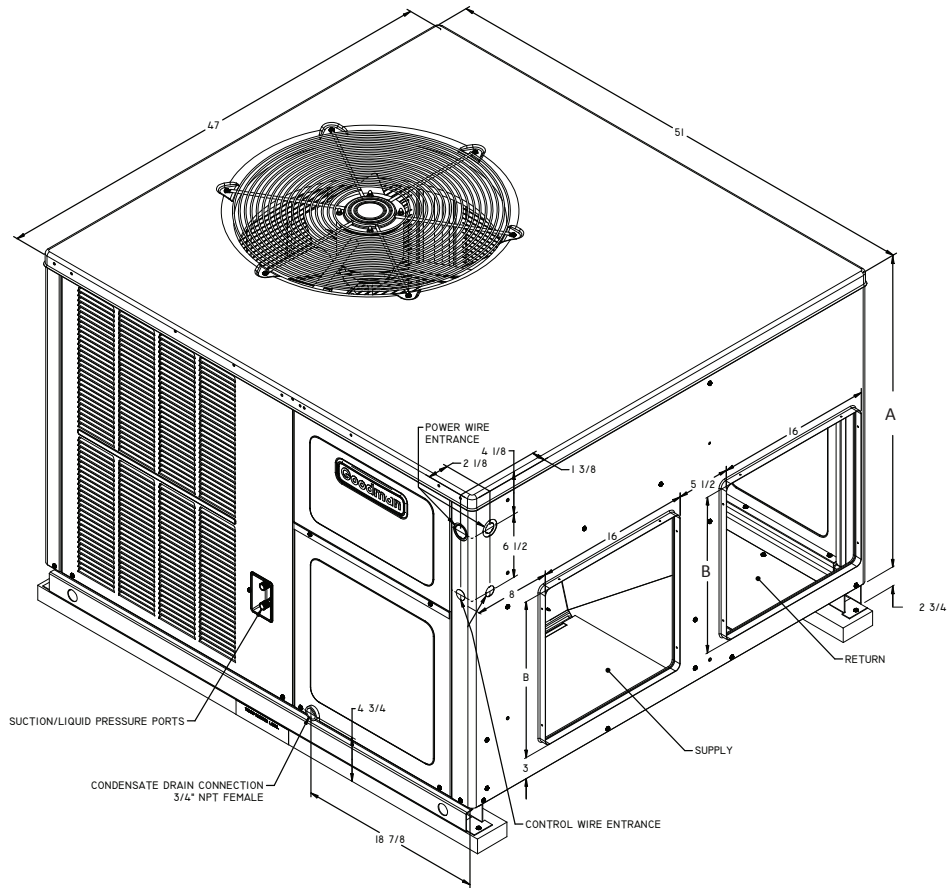
	GPC13 36M41C*	GPC13 48M41C*	GPC13 60M41C*
<b>COOLING CAPACITY</b>			
Total BTU/h	35,000	45,500	56,000
Sensible BTU/h	25,550	36,855	42,560
SEER / EER	13 / 11.0	13 / 11	13 / 10.9
Decibels	80.1	81.7	80.2
AHRI Numbers	5696964	5696965	5696966
<b>EVAPORATOR MOTOR</b>			
Type	DD	EEM	EEM
Nominal Cooling CFM	1,080	1,675	1,750
Wheel (DxW)	10 x 9	10 x 9	10 x 9
No. of Speeds	3	5	5
Horsepower - RPM	⅓	¾	1.0
<b>EVAPORATOR COIL</b>			
Face Area (ft <sup>2</sup> )	4.55	6.20	6.20
Rows Deep/ Fin per Inch	4/ 14	4/ 14	4/ 14
Drain Size (NPT)	¾"	¾"	¾"
Refrigerant Charge (oz.)	70	116	195
<b>CONDENSER FAN / COIL</b>			
Horsepower - RPM	¼ - 1,075	¼ - 1,075	¼ - 1,075
Fan Diameter / # Fan Blades	22 / 3	22 / 3	22 / 3
Face Area (ft <sup>2</sup> )	8.77	15.36	21.04
Rows Deep/ Fins per Inch	2/ 27	1/ 24	2/ 16
<b>COMPRESSOR</b>			
Quantity	1	1	1
Type	Scroll	Scroll	Scroll
Stage	Single	Single	Single
<b>ELECTRICAL DATA</b>			
Voltage-Phase	208/230-1	208/230-1	208/230-1
Compressor RLA/LRA	16.7 / 79	19.9 / 109	26.4 / 134
Indoor Blower FLA / LRA	3.06 / 4.1	5.8 / -	7.6 / -
Outdoor Fan FLA / LRA	1.4 / 2.9	1.4 / 2.9	1.4 / 2.9
Total Unit Amps	21.2	27.1	35.4
Min. Circuit Ampacity <sup>1</sup>	25.3	32.1	42
Max. Overcurrent Protection <sup>2</sup>	40 amps	50 amps	60 amps
<b>SHIP WEIGHT (LBS)</b>	365	435	458

<sup>1</sup> Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

<sup>2</sup> May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

DIMENSIONS



MODEL	CHASSIS SIZE		DIMENSIONS (")		
	MED.	LARGE	H x D x W	A	B
GPC1336M41**	X		34 $\frac{3}{4}$ x 51 x 47	32	16
GPC1348M41**		X	42 $\frac{3}{4}$ x 51 x 47	40	18
GPC1360M41**		X	42 $\frac{3}{4}$ x 51 x 47	40	18

