



Air Conditioning & Heating

GPH14H

COOLING CAPACITY: 24,000 - 57,500 BTU/H

HEATING CAPACITY: 22,800 - 54,500 BTU/H

PACKAGED HEAT PUMP

2 TO 5 TONS

UP TO 14 SEER



Standard Features

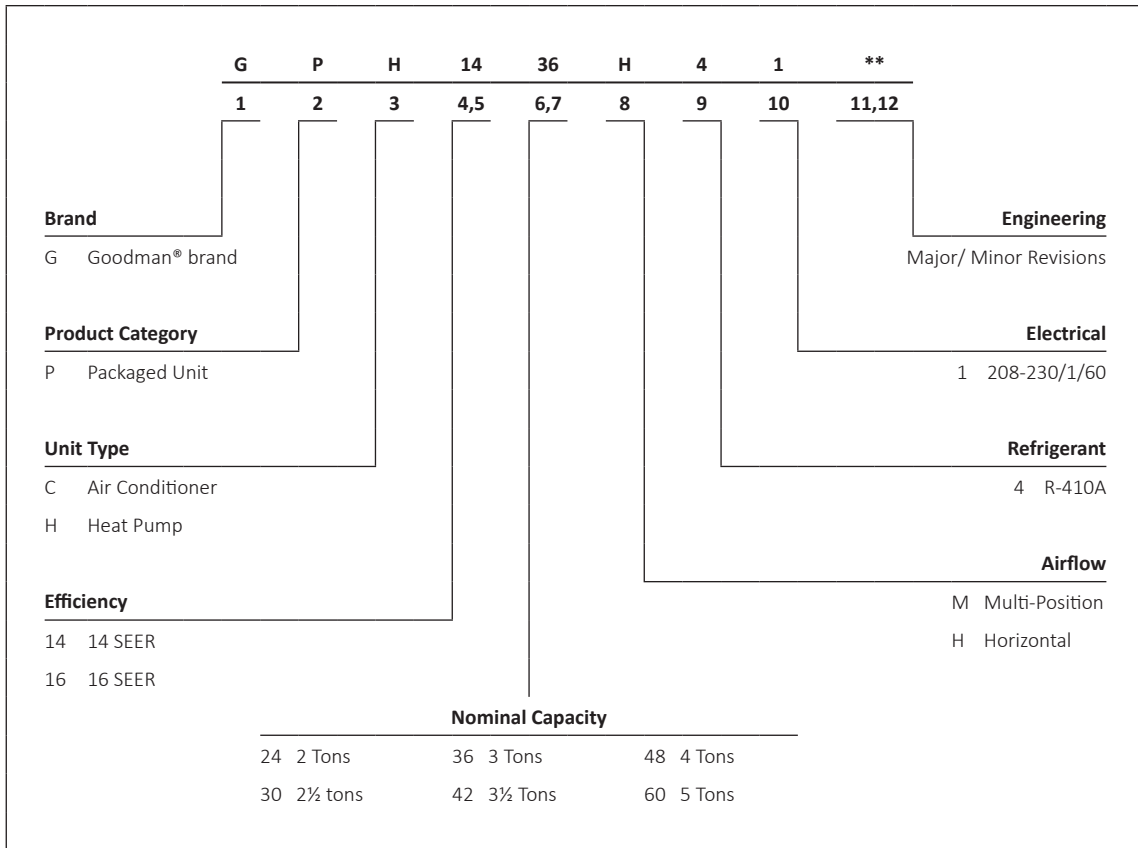
- Energy-efficient compressor
- ECM indoor blower motor
- Quiet horizontal discharge
- Copper tube/aluminum fin coil
- Totally enclosed, permanently lubricated condenser fan motor
- Fully charged system
- Electric heat kit available as a field-installed option
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with attractive Architectural Gray powder-paint finish
- Fully insulated blower compartment with convenient access panels
- Cabinet air leakage less than 2.0% at 1.0 inch H₂O when tested in accordance with ASHRAE standard 193
- Cabinet air leakage less than 1.4% at 0.5 inch H₂O when tested in accordance with ASHRAE standard 193
- Louvered condenser coil protection



* Complete warranty details available from your local dealer or at 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.



	GPH14 24H41D*	GPH14 30H41D*	GPH14 36H41D*	GPH14 42H41E*	GPH14 48H41E*	GPH14 60H41F*
COOLING CAPACITY						
AHRI Cooling Capacity (BTU/h)	24,000	28,400	36,000	40,500	46,000	57,500
Sensible BTU/h	17,800	22,400	27,400	30,000	35,400	41,000
SEER / EER	14.5 / 12.0	14.0 / 12.0	14.0 / 11.5	14.0 / 12.0	14.0 / 12.0	14/12
Decibels	76	76	78	78	80	80
AHRI Numbers	6892375	6892376	6892377	7428307	7428309	9008582
HEATING CAPACITY						
BTU/h (47°F)	22,800	27,600	32,200	37,600	44,000	54,500
C.O.P. (47°F)	3.8	3.8	3.7	3.8	3.8	3.6
BTU/h (17°F)	13,000	15,400	20,400	21,600	26,000	33,800
C.O.P. (17°F)	2.4	2.5	2.4	2.4	2.4	2.5
HSPF	8.0	8.0	8.0	8.0	8.0	8.0
EVAPORATOR MOTOR						
Type	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (D x W)	10 x 8	10 x 8	10 x 8	10 x 8	10 x 8	11x8
Cooling CFM	875	1,050	1,200	1,300	1,600	1,700
Fan-Only CFM	800	950	1,100	1,200	1,400	1,600
RLA	3.8	3.8	3.8	3.8	5.4	5.4
No. of Speeds	5	5	5	5	5	5
Horsepower - RPM	½ - 1,050	½ - 1,050	½ - 1,050	½ - 1,050	¾ - 1,050	¾ - 1,050
EVAPORATOR COIL						
Face Area (ft ²)	5.2	5.2	6.2	6.2	6.2	7
Rows Deep/ Fins per Inch	3/ 14	3/ 14	3/ 14	4/ 14	4/ 14	4/ 14
Indoor Metering Device Size	0.061	0.065	0.068	0.074	0.074	0.086
Filter Size (ft ²)	20 x 20 x 1	20 x 25 x 1	25 x 25 x 1	(2) 20 x 20 x 1	(2) 20 x 20 x 1	(2) 20 x 25 x 1
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	105	105	125	132	170	175
CONDENSER FAN / COIL						
Horsepower - RPM	1/6 - 815	1/6 - 815	¼ - 1075	¼ - 1075	¼ - 1075	¼ - 1075
RLA/LRA	1.1 / 1.7	1.1 / 1.7	1.5 / 3.0	1.4 / 2.9	1.4 / 2.9	1.4 / 2.9
Fan Diameter / # Fan Blades	22 / 3	22 / 3	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft ²)	13.4	13.4	17	17	17	19
Outdoor Metering Device Size	0.047	0.047	0.063	0.065	0.065	0.071
Rows Deep/ Fins per Inch	1 / 24	1 / 24	1 / 24	1 / 24	2 / 16	2 / 20
COMPRESSOR						
Quantity / Type / Stage	1 / Scroll / Single	1 / Scroll / Single	1 / Scroll / Single	1 / Scroll / Single	1 / Scroll / Single	1 / Scroll / single
Compressor RLA/LRA	12.8 / 58.3	14.1 / 73	16.7 / 79	17.9 / 112	19.9 / 109	26.4 / 134
ELECTRICAL DATA						
Voltage/ Phase (60 Hz)	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1
Indoor Blower FLA	3.8	3.8	3.8	3.8	5.4	5.4
Outdoor Fan RLA	1.1	1.1	1.4	1.4	1.4	1.4
Total Unit Amps	17.7	19	21.9	23.1	26.7	33.2
Min. Circuit Ampacity ¹	21	23	26	28	32	40
Min. Overcurrent Protection (amps) ²	30	35	40	45	50	60
OPERATING & SHIP WEIGHTS (LBS)						
	315 / 325	315 / 325	375 / 385	375 / 385	400 / 410	400 / 410

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

² Must use time-delay 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.