

MAYTAG

TECHNICAL SPECIFICATIONS

Model PPG2GI

iQ Drive[®]



M1200 Product Line

**Single Packaged Gas/Electric Units
20 SEER, 81% AFUE — 2 - 5 Ton Units
Multi-Stage Cool / 2-Stage Heat**

- **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.**
- **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.maytagvac.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.**

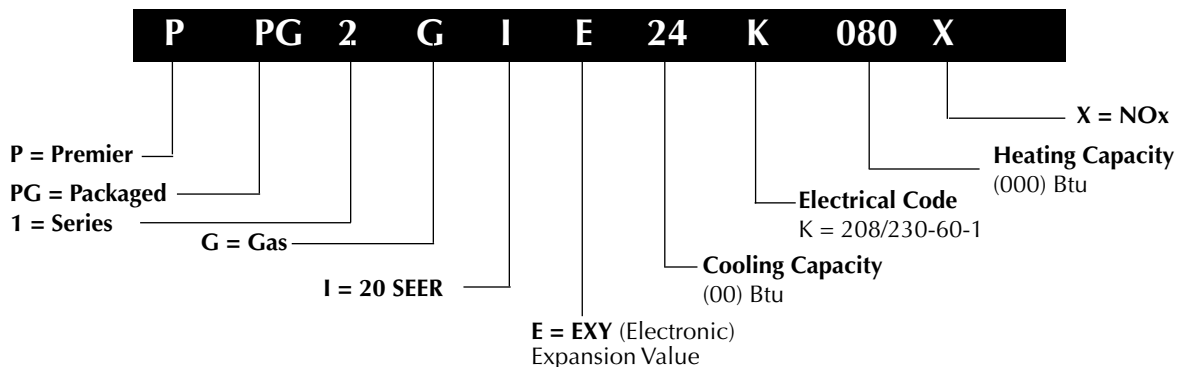


The iQ Drive gas electric package system features modulating compressor technology and variable speed indoor and outdoor fan motors. This system is controlled from a two stage cooling and heating thermostat. The system has the capability of adding up to 18% of additional cooling above the rated capacity. The system has de-humidification capabilities from the thermostat or a duct mounted humidistat. These packaged gas/electrics are ultra-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.

Features and Benefits

- **iQ Drive:** Inverter driven Samsung rotary compressor provides five capacities in modulating operation from a two stage thermostat.
- **Interface control board:** Two digit LED provides system operation, status and diagnostic troubleshooting information. Utilizes a Nordyne-patented capacity control algorithm to select the optimum system capacity level. Internal controls monitor system operation to protect the inverter drive and compressor.
- **Cooling operation temperature range:** 50 °F to 125 °F.
- **Five Minute Restart Time Delay:** keeps the unit from restarting, eliminating the highest cause for compressor failure.
- **EXV control:** Precise refrigerant superheat control provided by an electronic expansion valve.
- **Suction Accumulator:** Protection from liquid flood back and future compressor failures.
- **R-410A Refrigerant:** Environmentally friendly non-ozone depleting refrigerant.
- **Compressor and Component Access:** Designed to make servicing easier for the contractor, hinge access panel is provided to all controls and the compressor.
- **High Efficiency with low Sound Levels:** 20 SEER with sound ratings from 63 to 74 db depending upon operating conditions. Engineered to significantly reduce unwanted noise with compressor sound blanket, variable speed condenser motor and swept-wing fan blade and discharge muffler.
- **High Pressure Switch:** Protects against abnormally high system pressures. Auto-reset feature prevents nuisance service visits.
- **Low Pressure Switch:** Protects against loss of system refrigerant charge.
- **Liquid Line Filter Drier:** Factory installed.
- **Micro-Channel Condenser Coils:** All aluminum coils that provide high corrosion resistance and increased heat transfer.
- **Anteater Copper Tube (Luvata Uniguard) / Aluminum Fin Indoor Coils:** Indoor coils are designed to optimize heat transfer, and increase durability and reliability.
- **Wire Guard Coated with Earth Friendly Epoxy and Plastic Mesh Hail Guard:** A guard that will never rust and protects the units coil from being damaged.
- **Designed using galvanized steel:** with a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- **Heavy-Gauge Full Perimeter Base Rails:** Facilitates forklift handling and curb mounting.
- **Convertible Air Delivery:** Horizontal or downflow to accommodate rooftop or horizontal applications.
- **Corrosion-Resistant Drain Pan:** Quickly drains away evaporator condensate.
- **One Piece Top for 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.
- **SmartStart® Control Board:** Provides extended life to igniters using hot surface ignition technology. Programmed to learn the heat-up characteristics of the igniter, then adapt the ignition time to the characteristics of the furnace so the igniter is energized appropriately.
- **Hot Surface igniter:** Innovative application of an appliance type igniter with a 20 year history of reliability.
- **Energy Efficient Variable Speed ECM Blower:** Advanced motor technology provides 16 field selectable cooling and 8 for heating. Extra quiet and smooth blower on and off cycles, automatically adjusts to different static loads.

IDENTIFICATION CODE

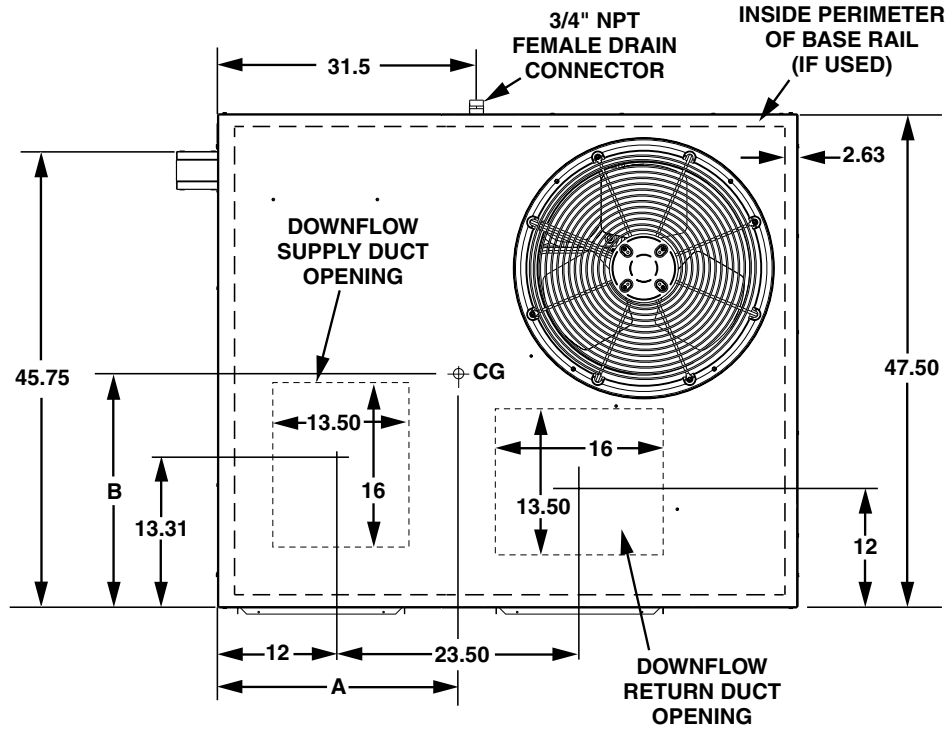


SPECIFICATIONS

Single Phase

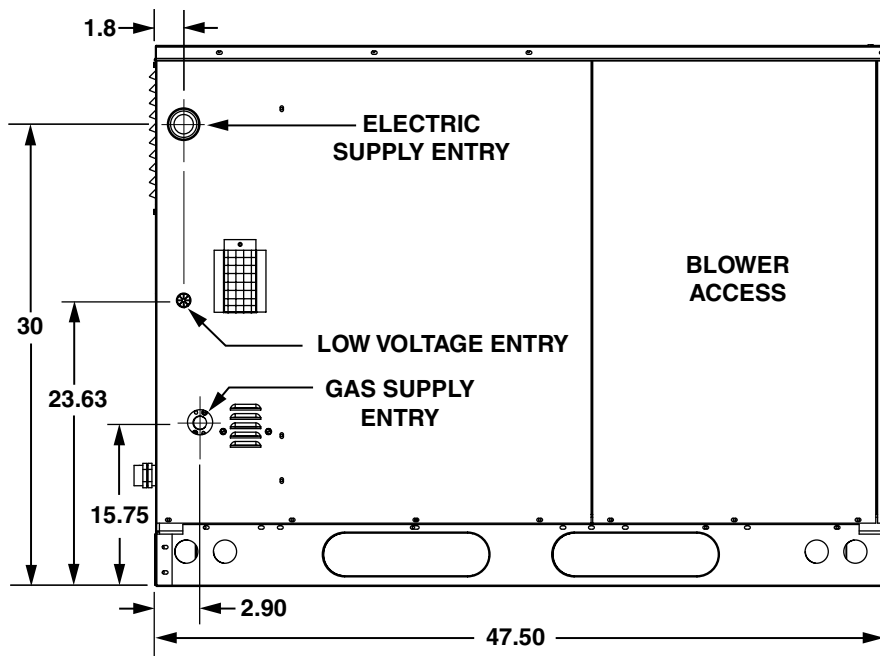
| MODEL | E24K080X | E36K100X | E48K120X | E60K120X |
|--|-----------------|------------------|------------------|------------------|
| Heating Input High/Low (Btuh) | 80,000 / 52,000 | 100,000 / 65,000 | 120,000 / 78,000 | 120,000 / 78,000 |
| Heating Output High/Low (Btuh) | 64,800 / 42,120 | 81,000 / 52,650 | 97,200 / 63,180 | 97,200 / 63,180 |
| Nominal Capacity-Cooling (Btuh) | 24,000 | 35,200 | 45,500 | 54,500 |
| Heating Efficiency-AFUE (%) | 81 | 81 | 81 | 81 |
| Cooling Efficiency -- SEER | 20 | 20 | 20 | 20 |
| Cooling Efficiency -- EER (BTU/WATT) | 13 | 13 | 12.5 | 12 |
| Electrical Rating - 60 Hz, Single Phase | | | | |
| Operating Voltage Range | 187 - 253 | 187 - 253 | 187 - 253 | 187 - 253 |
| Minimum Circuit Ampacity | 20.9 | 26.7 | 32.8 | 40.8 |
| Max. Overcurrent Protection | 30 | 40 | 50 | 60 |
| Compressor Data, Rotary, Brushless DC | | | | |
| Volts | 208 / 230 | 208 / 230 | 208 / 230 | 208 / 230 |
| Rated Load Amps | 11.6 | 16.2 | 17.6 | 24.0 |
| Lock Rotor Amps | NA | NA | NA | NA |
| Indoor Blower, Variable Speed, Brushless DC | | | | |
| Wheel Diameter | 11 x 8 | 11 x 8 | 11 x 10 | 11 x 10 |
| Motor HP | 1/2 | 1/2 | 1 | 1 |
| Motor Amps | 3.8 | 3.8 | 7.0 | 7.0 |
| Outdoor Fan, Variable Speed, Brushless DC | | | | |
| Motor HP | 1/3 | 1/3 | 1/2 | 1/2 |
| Motor Amps | 2.6 | 2.6 | 3.8 | 3.8 |
| Fan Diameter | 24" | 24" | 24" | 24" |
| Refrigerant Charge (oz) | 96 | 96 | 136 | 150 |
| Sound Rating | 63-72 | 65-74 | 66-74 | 66-73 |

DIMENSIONS



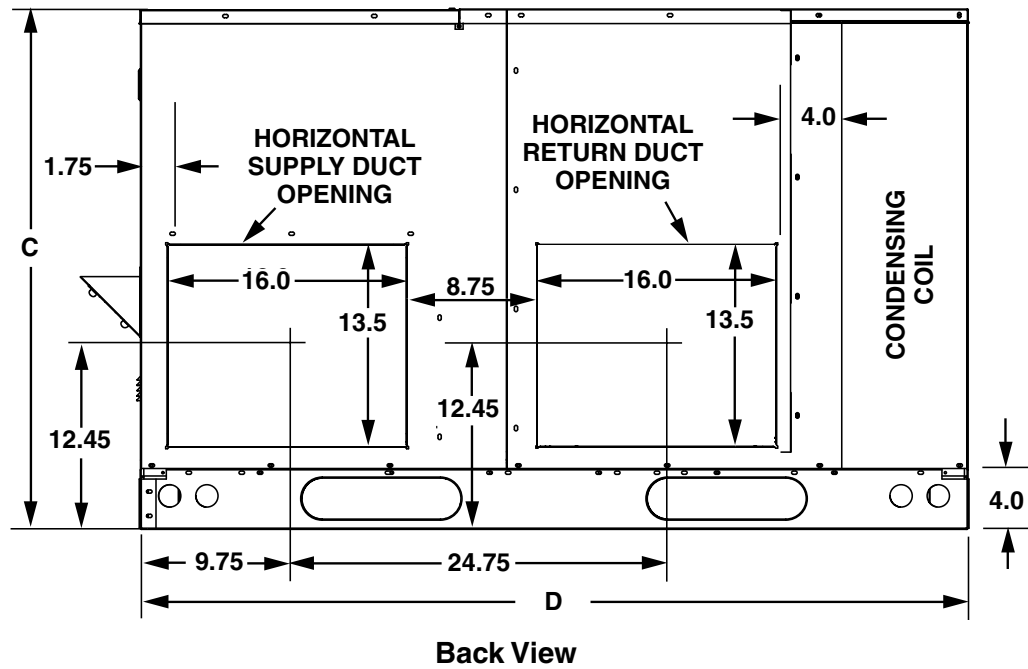
Top View

| Model Number | Unit Weight | Shipping Weight | Center of Gravity | | Height (in inches) C | | Length D |
|--------------|-------------|-----------------|-------------------|------|-------------------------|--------------------|-------------|
| | | | A | B | with base rails | without base rails | |
| E24K080X | 460 | 470 | 26.0 | 27.0 | 39.0 | 35.3 | 55.8 |
| E36K100X | 480 | 490 | 26.0 | 27.0 | 39.0 | 35.3 | 55.8 |
| E48K120X | 609 | 618 | 26.0 | 27.0 | 47.0 | 43.3 | 55.8 |
| E60K120X | 659 | 675 | 30.0 | 26.5 | 47.0 | 43.3 | 63.6 |



Side View

DIMENSIONS continued



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 |
| U.S. LP Gas Conversion Kit (0 ft to 10,000 ft above sea level) | 904404A |
| Canadian LP Gas Conversion Kit (0 to 4,500 ft above sea level) | 904405A |
| Skirt Trim Kit 24,36,48 | 919729 |
| Skirt Trim Kit 60 | 920936 |
| Extreme High Wind Kit - Roof Curb Mount | 903696 |
| Extreme High Wind Kit - Ground Mount | 903695 |
| Manual Fresh Air Damper | 547832 |
| Motorized Fresh Air Damper | 547840 |

NOTE: Economizers are not applicable to these R6GI.

AIRFLOW DATA

Nominal Airflow Rates and Temperature Rise

| Model Number | Heating Input (Btuh) | Heating Output (Btuh) | CFM Range | Heating Rise Range (°F) | Cooling Output (Btuh) | Blower Size | Motor (HP) |
|--------------|----------------------|-----------------------|-------------|-------------------------|-----------------------|-------------|------------|
| E24K080X | 80,000 | 64,800 | 1025 - 1375 | 35-65 | 24,000 | 11 x 8 | 1/2 |
| | 52,000 | 42,120 | 800 - 1050 | | | | |
| E36K100X | 100,000 | 81,000 | 1158 - 1500 | 40-70 | 35,600 | 11 x 8 | 1/2 |
| | 65,000 | 52,650 | 875 - 1200 | | | | |
| E48K120X | 120,000 | 97,200 | 1550 - 2000 | 40-70 | 45,500 | 11 X 10 | 1 |
| | 78,000 | 63,180 | 1200 - 1575 | | | | |
| E60K120X | 120,000 | 97,200 | 1550 - 2000 | 40-70 | 54,500 | 11 X 10 | 1 |
| | 78,000 | 63,180 | 1200 - 1575 | | | | |

NOTE: CFM and Rise are independent of ESP in a variable speed blower.

Cooling Airflow Settings

| 2 Ton CFM Settings | | | | | 3 Ton CFM Settings | | | | | 4 Ton CFM Settings | | | | | 5 Ton CFM Settings | | | | | | | | | | | | |
|---------------------------------|----------|----------|----------|----------|--------------------------------|---------------------------------|----------|----------|----------|--------------------|--------------------------------|---------------------------------|-------------|----------|--------------------|----------|--------------------------------|----------|-------|-------------|----------|----------|----------|----------|----------|-------|-------------|
| Cooling Blower Selector Setting | | | | | Recommended Airflow (High CFM) | Cooling Blower Selector Setting | | | | | Recommended Airflow (High CFM) | Cooling Blower Selector Setting | | | | | Recommended Airflow (High CFM) | | | | | | | | | | |
| (1) | 5 | 6 | 7 | 8 | | (1) | 5 | 6 | 7 | 8 | | (1) | 5 | 6 | 7 | 8 | | (1) | 5 | 6 | 7 | 8 | | | | | |
| 0 | 0 | 0 | 0 | 0 | 2 TON | 650 | 1 | 0 | 0 | 0 | 0 | 3 TON | 900 | 0 | 0 | 0 | 0 | 0 | 4 TON | 1375 | 1 | 0 | 0 | 0 | 0 | 5 TON | 1500 |
| 0 | 0 | 0 | 0 | 1 | | 680 | 1 | 0 | 0 | 0 | 1 | | 935 | 0 | 0 | 0 | 0 | 1 | | 1400 | 1 | 0 | 0 | 0 | 1 | | 1540 |
| 0 | 0 | 0 | 1 | 0 | | 710 | 1 | 0 | 0 | 1 | 0 | | 970 | 0 | 0 | 0 | 1 | 0 | | 1425 | 1 | 0 | 0 | 1 | 0 | | 1580 |
| 0 | 0 | 0 | 1 | 1 | | 740 | 1 | 0 | 0 | 1 | 1 | | 1005 | 0 | 0 | 0 | 1 | 1 | | 1450 | 1 | 0 | 0 | 1 | 1 | | 1620 |
| 0 | 0 | 1 | 0 | 0 | | 770 | 1 | 0 | 1 | 0 | 0 | | 1040 | 0 | 0 | 1 | 0 | 0 | | 1475 | 1 | 0 | 1 | 0 | 0 | | 1660 |
| 0 | 0 | 1 | 0 | 1 | | 800 | 1 | 0 | 1 | 0 | 1 | | 1075 | 0 | 0 | 1 | 0 | 1 | | 1500 | 1 | 0 | 1 | 0 | 1 | | 1700 |
| 0 | 0 | 1 | 1 | 0 | | 830 | 1 | 0 | 1 | 1 | 0 | | 1110 | 0 | 0 | 1 | 1 | 0 | | 1525 | 1 | 0 | 1 | 1 | 0 | | 1740 |
| 0 | 0 | 1 | 1 | 1 | | 860 | 1 | 0 | 1 | 1 | 1 | | 1145 | 0 | 0 | 1 | 1 | 1 | | 1550 | 1 | 0 | 1 | 1 | 1 | | 1780 |
| 0 | 1 | 0 | 0 | 0 | | 890 | 1 | 1 | 0 | 0 | 0 | | 1180 | 0 | 1 | 0 | 0 | 0 | | 1575 | 1 | 1 | 0 | 0 | 0 | | 1820 |
| 0 | 1 | 0 | 0 | 1 | | 920 | 1 | 1 | 0 | 0 | 1 | | 1215 | 0 | 1 | 0 | 0 | 1 | | 1600 | 1 | 1 | 0 | 0 | 1 | | 1860 |
| 0 | 1 | 0 | 1 | 0 | | 950 | 1 | 1 | 0 | 1 | 0 | | 1250 | 0 | 1 | 0 | 1 | 0 | | 1625 | 1 | 1 | 0 | 1 | 0 | | 1900 |
| 0 | 1 | 0 | 1 | 1 | | 980 | 1 | 1 | 0 | 1 | 1 | | 1285 | 0 | 1 | 0 | 1 | 1 | | 1650 | 1 | 1 | 0 | 1 | 1 | | 1940 |
| 0 | 1 | 1 | 0 | 0 | | 1010 | 1 | 1 | 1 | 0 | 0 | | 1320 | 0 | 1 | 1 | 0 | 0 | | 1675 | 1 | 1 | 1 | 0 | 0 | | 1980 |
| 0 | 1 | 1 | 0 | 1 | | 1040 | 1 | 1 | 1 | 0 | 1 | | 1355 | 0 | 1 | 1 | 0 | 1 | | 1700 | 1 | 1 | 1 | 0 | 1 | | 2020 |
| 0 | 1 | 1 | 1 | 0 | | 1070 | 1 | 1 | 1 | 1 | 0 | | 1390 | 0 | 1 | 1 | 1 | 0 | | 1750 | 1 | 1 | 1 | 1 | 0 | | 2060 |
| 0 | 1 | 1 | 1 | 1 | | 1100 | 1 | 1 | 1 | 1 | 1 | | 1425 | 0 | 1 | 1 | 1 | 1 | | 1800 | 1 | 1 | 1 | 1 | 1 | | 2100 |

NOTES: Dip switch positions - 0 = OFF 1 = ON

- Switch (1) selects blower program in conjunction with motor horsepower. 0 = 2 or 4 Ton, 1 = 3 or 5 Ton.
- Recommended CFM's (factory settings) are highlighted in **bold**.

Heating Airflow Settings

| Heating Blower Selector Setting | 2 Ton CFM Settings | | | | Heating Blower Selector Setting | 3 Ton CFM Settings | | | | Heating Blower Selector Setting | 4 Ton CFM Settings | | | | Heating Blower Selector Setting | 5 Ton CFM Settings | | | | | | | | | | | | | | | |
|---------------------------------|--------------------|----------|-----------|------------|---------------------------------|--------------------|-----------|-----------|----------|---------------------------------|--------------------|-------------|-----------|-------------|---------------------------------|--------------------|----------|-----------|----------|-------------|-----------|-------------|-----------|----------|----------|----------|----------|-------------|-----------|-------------|-----------|
| | Low Heat | | High Heat | | | Low Heat | | High Heat | | | Low Heat | | High Heat | | | Low Heat | | High Heat | | | | | | | | | | | | | |
| | 64,800 | 80,000 | 81,000 | 100,000 | | 97,200 | 120,000 | 97,200 | 120,000 | | | | | | | | | | | | | | | | | | | | | | |
| (1) | 2 | 3 | 4 | CFM | Rise | CFM | Rise | (1) | 2 | 3 | 4 | CFM | Rise | CFM | Rise | (1) | 2 | 3 | 4 | CFM | Rise | CFM | Rise | | | | | | | | |
| 0 | 0 | 0 | 0 | 800 | 50 | 1025 | 59 | 1 | 0 | 0 | 0 | 875 | 56 | 1150 | 66 | 0 | 0 | 0 | 0 | 1200 | 54 | 1550 | 57 | 1 | 0 | 0 | 0 | 1200 | 54 | 1550 | 57 |
| 0 | 0 | 0 | 1 | 850 | 48 | 1075 | 57 | 1 | 0 | 0 | 1 | 925 | 53 | 1200 | 63 | 0 | 0 | 0 | 1 | 1250 | 50 | 1650 | 54 | 1 | 0 | 0 | 1 | 1250 | 50 | 1650 | 54 |
| 0 | 0 | 1 | 0 | 875 | 46 | 1125 | 55 | 1 | 0 | 1 | 0 | 975 | 50 | 1300 | 58 | 0 | 0 | 1 | 0 | 1300 | 47 | 1750 | 52 | 1 | 0 | 1 | 0 | 1300 | 47 | 1750 | 52 |
| 0 | 0 | 1 | 1 | 925 | 44 | 1175 | 53 | 1 | 0 | 1 | 1 | 1000 | 48 | 1350 | 56 | 0 | 0 | 1 | 1 | 1375 | 44 | 1800 | 50 | 1 | 0 | 1 | 1 | 1375 | 44 | 1800 | 50 |
| 0 | 1 | 0 | 0 | 950 | 42 | 1225 | 51 | 1 | 1 | 0 | 0 | 1050 | 46 | 1375 | 55 | 0 | 1 | 0 | 0 | 1450 | 42 | 1850 | 48 | 1 | 1 | 0 | 0 | 1450 | 42 | 1850 | 48 |
| 0 | 1 | 0 | 1 | 1000 | 40 | 1275 | 49 | 1 | 1 | 0 | 1 | 1100 | 44 | 1400 | 54 | 0 | 1 | 0 | 1 | 1475 | 40 | 1900 | 47 | 1 | 1 | 0 | 1 | 1475 | 40 | 1900 | 47 |
| 0 | 1 | 1 | 0 | 1025 | 39 | 1325 | 47 | 1 | 1 | 1 | 0 | 1150 | 42 | 1450 | 52 | 0 | 1 | 1 | 0 | 1525 | 39 | 1950 | 46 | 1 | 1 | 1 | 0 | 1525 | 39 | 1950 | 46 |
| 0 | 1 | 1 | 1 | 1050 | 38 | 1375 | 45 | 1 | 1 | 1 | 1 | 1200 | 41 | 1500 | 51 | 0 | 1 | 1 | 1 | 1575 | 38 | 2000 | 45 | 1 | 1 | 1 | 1 | 1575 | 38 | 2000 | 45 |

- Switch (1) selects blower program in conjunction with motor horsepower. 0 = 2 or 4 Ton, 1 = 3 or 5 Ton.
- Recommended CFM's (Factory settings) and temperature rises are highlighted in bold. Use of any other setting may result in nuisance trips.
- Temperature rises in tables are approximate. Actual temperature rises may vary.

PACKAGE GAS/ELECTRIC

E24K

| O.D.T | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°F | | | 125°F | | |
|--------------------|--------|--------|------|------|------|------|------|------|------|------|------|-------------|-------------|------------|-------|------|------|-------|------|------|-------|------|------|
| CFM | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. |
| Rated Speed 800 | 80 | 62 | 26.7 | 24.3 | 1.2 | 24.9 | 23.1 | 1.4 | 22.8 | 22.5 | 1.5 | 21.3 | 21.3 | 1.8 | 19.6 | 19.6 | 2.0 | 17.5 | 17.5 | 2.3 | 12.6 | 12.6 | 2.5 |
| | 80 | 67 | 30.1 | 20.5 | 1.1 | 28.3 | 19.7 | 1.3 | 25.9 | 18.6 | 1.5 | 24.1 | 17.8 | 1.8 | 21.6 | 16.7 | 2.1 | 19.2 | 15.6 | 2.4 | 12.6 | 12.6 | 2.5 |
| | 80 | 72 | 33.2 | 16.3 | 1.1 | 31.2 | 15.3 | 1.3 | 29.1 | 14.3 | 1.5 | 26.8 | 13.6 | 1.8 | 24.6 | 12.8 | 2.1 | 22.2 | 11.9 | 2.4 | 15.3 | 9.5 | 2.5 |
| | 75 | 63 | 27.2 | 19.5 | 1.2 | 25.6 | 18.8 | 1.4 | 23.5 | 17.7 | 1.6 | 21.3 | 16.6 | 1.8 | 18.9 | 15.5 | 2.1 | 16.9 | 14.3 | 2.4 | 10.6 | 10.6 | 2.5 |
| Low Speed 600 | 80 | 62 | 13.0 | 13.0 | 0.6 | 11.1 | 11.1 | 0.7 | 9.9 | 9.8 | 0.8 | 8.5 | 8.5 | 0.9 | 7.3 | 7.2 | 1.1 | 5.7 | 5.6 | 1.2 | 1.3 | 1.3 | 1.4 |
| | 80 | 67 | 14.0 | 11.8 | 0.5 | 11.9 | 10.9 | 0.6 | 10.2 | 10.1 | 0.7 | 8.6 | 8.5 | 0.9 | 7.1 | 7.1 | 1.1 | 5.6 | 5.5 | 1.2 | 0.7 | 0.7 | 1.3 |
| | 80 | 72 | 16.6 | 9.2 | 0.5 | 14.7 | 8.2 | 0.6 | 13.3 | 7.6 | 0.8 | 11.6 | 6.9 | 0.9 | 9.6 | 6.0 | 1.1 | 7.9 | 5.4 | 1.3 | 0.6 | 0.6 | 1.3 |
| | 75 | 63 | 12.4 | 11.0 | 0.5 | 10.6 | 10.1 | 0.6 | 8.9 | 8.9 | 0.8 | 7.9 | 7.9 | 0.9 | 6.2 | 6.6 | 1.1 | 5.9 | 5.9 | 1.3 | 0.5 | 0.5 | 1.3 |
| Boost Speed 800 | 80 | 62 | 31.2 | 26.1 | 1.6 | 29.3 | 25.2 | 1.9 | 27.8 | 24.3 | 2.1 | 25.7 | 24.0 | 2.3 | 21.8 | 21.8 | 2.6 | 20.6 | 21.1 | 3.0 | 17.0 | 16.9 | 3.2 |
| | 80 | 67 | 35.3 | 22.3 | 1.6 | 33.0 | 21.4 | 1.9 | 30.7 | 20.3 | 2.2 | 28.4 | 19.3 | 2.5 | 26.2 | 18.2 | 2.8 | 23.9 | 17.1 | 3.1 | 17.9 | 15.0 | 3.3 |
| | 80 | 72 | 38.8 | 18.1 | 1.6 | 36.9 | 17.2 | 1.8 | 34.8 | 16.3 | 2.1 | 32.4 | 15.3 | 2.4 | 29.9 | 14.3 | 2.8 | 27.2 | 13.3 | 3.1 | 21.8 | 11.1 | 3.3 |
| | 75 | 63 | 31.8 | 21.3 | 1.7 | 30.0 | 20.5 | 1.9 | 27.9 | 19.3 | 2.2 | 25.8 | 18.2 | 2.5 | 23.4 | 17.1 | 2.8 | 21.2 | 16.3 | 3.0 | 15.3 | 13.7 | 3.3 |

E36K

| O.D.T | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°F | | | 125°F | | |
|---------------------|--------|--------|------|------|------|------|------|------|------|------|------|-------------|-------------|------------|-------|------|------|-------|------|------|-------|------|------|
| CFM | E.D.B. | E.W.B. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. | T.C. | S.C. | K.W. |
| Rated Speed 1175 | 80 | 62 | 40.7 | 37.3 | 1.9 | 39.1 | 35.8 | 2.1 | 36.1 | 34.3 | 2.4 | 33.5 | 32.2 | 2.8 | 31.2 | 30.0 | 3.1 | 27.7 | 26.9 | 3.4 | 21.1 | 21.1 | 3.1 |
| | 80 | 67 | 43.4 | 30.4 | 1.9 | 40.6 | 29.1 | 2.1 | 37.8 | 27.8 | 2.5 | 35.3 | 26.7 | 2.8 | 32.7 | 25.4 | 3.1 | 29.7 | 24.0 | 3.5 | 20.9 | 20.3 | 3.1 |
| | 80 | 72 | 47.8 | 23.6 | 1.7 | 45.1 | 22.2 | 2.1 | 42.3 | 20.8 | 2.4 | 39.6 | 19.8 | 2.8 | 36.1 | 18.7 | 3.2 | 33.1 | 17.3 | 3.5 | 23.1 | 14.1 | 3.0 |
| | 75 | 63 | 40.1 | 29.3 | 1.9 | 37.7 | 28.1 | 2.2 | 34.7 | 26.7 | 2.5 | 32.2 | 25.5 | 2.8 | 29.6 | 23.5 | 3.1 | 26.5 | 22.3 | 3.5 | 19.5 | 19.0 | 3.3 |
| Low Speed 650 | 80 | 62 | 16.0 | 15.5 | 0.4 | 14.6 | 14.1 | 0.5 | 13.3 | 12.9 | 0.6 | 12.0 | 11.4 | 0.8 | 10.7 | 10.2 | 1.0 | 9.0 | 8.5 | 1.1 | 7.9 | 7.4 | 1.3 |
| | 80 | 67 | 16.6 | 14.2 | 0.4 | 15.2 | 13.5 | 0.5 | 13.5 | 12.7 | 0.7 | 12.2 | 12.0 | 0.8 | 10.6 | 10.9 | 1.0 | 9.2 | 9.2 | 1.1 | 7.7 | 7.3 | 1.3 |
| | 80 | 72 | 19.5 | 11.2 | 0.4 | 17.4 | 10.4 | 0.5 | 15.7 | 9.7 | 0.6 | 14.4 | 9.0 | 0.8 | 12.7 | 8.3 | 1.0 | 10.5 | 7.6 | 1.1 | 7.8 | 6.8 | 1.3 |
| | 75 | 63 | 15.0 | 13.6 | 0.5 | 13.2 | 12.7 | 0.6 | 12.0 | 12.0 | 0.7 | 10.6 | 11.0 | 0.8 | 9.9 | 9.3 | 1.0 | 5.2 | 7.9 | 1.1 | 6.5 | 6.3 | 1.3 |
| Boost Speed 1175 | 80 | 62 | 46.0 | 39.3 | 2.5 | 43.5 | 38.4 | 2.8 | 40.6 | 36.8 | 3.1 | 37.7 | 35.4 | 3.5 | 34.8 | 34.0 | 3.9 | 32.4 | 31.9 | 4.4 | 21.7 | 21.7 | 3.2 |
| | 80 | 67 | 50.5 | 33.1 | 2.5 | 48.0 | 31.7 | 2.8 | 45.3 | 30.3 | 3.2 | 42.2 | 29.0 | 3.6 | 39.5 | 27.4 | 4.0 | 36.2 | 26.1 | 4.5 | 23.5 | 21.5 | 3.5 |
| | 80 | 72 | 55.3 | 26.4 | 2.5 | 53.1 | 25.2 | 2.9 | 49.9 | 23.8 | 3.2 | 46.7 | 22.6 | 3.6 | 43.4 | 21.3 | 4.0 | 39.7 | 19.9 | 4.5 | 27.0 | 15.4 | 3.5 |
| | 75 | 63 | 46.4 | 32.1 | 2.5 | 43.9 | 30.9 | 2.8 | 41.1 | 29.1 | 3.2 | 38.1 | 27.8 | 3.6 | 35.4 | 26.5 | 4.0 | 31.9 | 24.8 | 4.4 | 19.2 | 19.2 | 3.2 |

E48K

| O.D.T | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°F | | | 125°F | | |
|---------------------|--------|--------|------|------|-----|------|------|-----|------|------|-----|-------------|-------------|------------|-------|------|-----|-------|------|-----|-------|------|-----|
| CFM | E.D.B. | E.W.B. | T.C. | S.C. | KW | T.C. | S.C. | KW | T.C. | S.C. | KW | T.C. | S.C. | KW | T.C. | S.C. | KW | T.C. | S.C. | KW | T.C. | S.C. | KW |
| Rated Speed 1450 | 80 | 62 | 48.1 | 42.5 | 2.5 | 45.1 | 40.4 | 2.8 | 42.2 | 38.5 | 3.2 | 39.7 | 36.9 | 3.6 | 35.6 | 35.4 | 4.1 | 32.3 | 32.2 | 4.6 | 18.3 | 18.2 | 2.9 |
| | 80 | 67 | 52.7 | 35.6 | 2.5 | 49.3 | 34.5 | 2.8 | 46.1 | 33.0 | 3.2 | 43.5 | 31.5 | 3.6 | 39.8 | 29.5 | 4.1 | 34.9 | 28.1 | 4.6 | 18.2 | 18.2 | 2.9 |
| | 80 | 72 | 58.2 | 28.8 | 2.4 | 55.1 | 27.6 | 2.8 | 51.2 | 25.7 | 3.2 | 48.3 | 24.4 | 3.7 | 44.2 | 22.9 | 4.2 | 35.6 | 20.0 | 4.5 | 19.4 | 13.4 | 2.9 |
| | 75 | 63 | 48.8 | 34.2 | 2.5 | 45.5 | 32.8 | 2.9 | 42.4 | 31.4 | 3.2 | 39.8 | 29.7 | 3.6 | 35.6 | 29.1 | 4.1 | 30.3 | 26.1 | 4.5 | 13.5 | 13.5 | 2.8 |
| Low Speed 750 | 80 | 62 | 15.1 | 15.1 | 0.5 | 14.3 | 14.3 | 0.6 | 13.0 | 13.0 | 0.7 | 11.6 | 11.6 | 0.9 | 10.1 | 10.1 | 1.1 | 6.1 | 6.1 | 1.3 | 4.9 | 4.9 | 1.4 |
| | 80 | 67 | 16.5 | 13.1 | 0.4 | 14.9 | 12.5 | 0.6 | 13.4 | 12.2 | 0.7 | 11.7 | 11.4 | 0.9 | 10.2 | 10.2 | 1.1 | 8.5 | 8.5 | 1.3 | 6.9 | 6.9 | 1.5 |
| | 80 | 72 | 18.4 | 10.3 | 0.4 | 16.8 | 9.6 | 0.5 | 15.0 | 8.7 | 0.7 | 13.5 | 7.9 | 0.9 | 11.6 | 7.3 | 1.0 | 9.7 | 6.3 | 1.3 | 7.3 | 6.0 | 1.5 |
| | 75 | 63 | 15.1 | 12.6 | 0.5 | 13.5 | 11.5 | 0.6 | 12.1 | 10.7 | 0.7 | 10.6 | 10.0 | 0.9 | 8.8 | 8.8 | 1.2 | 7.1 | 7.1 | 1.3 | 5.7 | 5.7 | 1.5 |
| Boost Speed 1450 | 80 | 62 | 56.2 | 48.1 | 3.2 | 52.5 | 46.5 | 3.6 | 50.1 | 45.0 | 4.1 | 46.7 | 42.8 | 4.6 | 42.4 | 41.2 | 5.2 | 34.9 | 34.7 | 4.7 | 21.0 | 20.9 | 3.3 |
| | 80 | 67 | 62.6 | 42.1 | 3.2 | 59.3 | 40.5 | 3.7 | 55.0 | 39.0 | 4.2 | 51.2 | 37.3 | 4.7 | 47.3 | 35.0 | 5.3 | 34.0 | 29.1 | 4.4 | 18.5 | 18.5 | 3.0 |
| | 80 | 72 | 68.2 | 33.2 | 3.2 | 64.8 | 31.7 | 3.7 | 61.4 | 30.3 | 4.2 | 57.1 | 28.7 | 4.7 | 47.7 | 24.8 | 5.1 | 41.0 | 21.3 | 4.7 | 24.3 | 15.8 | 3.5 |
| | 75 | 63 | 57.9 | 39.8 | 3.2 | 54.6 | 37.9 | 3.7 | 50.6 | 36.3 | 4.2 | 46.9 | 34.4 | 4.7 | 43.0 | 32.2 | 5.2 | 32.0 | 27.3 | 4.6 | 19.8 | 19.8 | 3.7 |

PACKAGE GAS/ELECTRIC (CONTINUED)

E60K

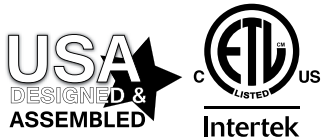
| O.D.T | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°F | | | 125°F | | |
|---------------------|--------|--------|------|------|-----|------|------|-----|------|------|-----|-------------|-------------|------------|-------|------|-----|-------|------|-----|-------|------|-----|
| CFM | E.D.B. | E.W.B. | T.C. | S.C. | KW | T.C. | S.C. | KW | T.C. | S.C. | KW | T.C. | S.C. | KW | T.C. | S.C. | KW | T.C. | S.C. | KW | T.C. | S.C. | KW |
| Rated Speed 1640 | 80 | 62 | 58.5 | 53.3 | 3.2 | 55.7 | 51.5 | 3.6 | 53.8 | 50.7 | 4.0 | 52.7 | 48.8 | 4.5 | 49.6 | 46.2 | 4.9 | 46.4 | 46.2 | 4.9 | 29.6 | 29.2 | 4.2 |
| | 80 | 67 | 64.4 | 44.2 | 3.2 | 61.0 | 42.7 | 3.6 | 57.9 | 41.1 | 4.0 | 54.5 | 39.8 | 4.5 | 49.9 | 37.5 | 5.0 | 37.2 | 33.2 | 4.4 | 29.9 | 29.0 | 4.2 |
| | 80 | 72 | 69.9 | 34.7 | 3.2 | 67.0 | 33.4 | 3.6 | 63.7 | 31.6 | 4.0 | 59.5 | 30.0 | 4.5 | 55.2 | 28.2 | 5.0 | 47.5 | 25.8 | 5.1 | 32.3 | 20.3 | 4.2 |
| | 75 | 63 | 59.5 | 42.2 | 3.2 | 56.7 | 40.8 | 3.6 | 53.3 | 39.1 | 4.0 | 49.9 | 37.5 | 4.5 | 46.0 | 36.0 | 4.9 | 36.9 | 30.9 | 4.8 | 23.8 | 23.8 | 3.7 |
| Low Speed 900 | 80 | 62 | 21.3 | 20.9 | 0.6 | 19.9 | 19.6 | 0.8 | 18.4 | 18.2 | 0.9 | 16.7 | 16.7 | 1.1 | 15.3 | 15.3 | 1.3 | 13.4 | 13.6 | 1.5 | 11.8 | 11.8 | 1.7 |
| | 80 | 67 | 22.1 | 19.1 | 0.6 | 20.4 | 18.5 | 0.8 | 18.6 | 17.7 | 0.9 | 16.9 | 16.9 | 1.1 | 15.0 | 16.1 | 1.3 | 13.4 | 14.6 | 1.5 | 11.6 | 11.6 | 1.7 |
| | 80 | 72 | 24.8 | 14.5 | 0.6 | 22.9 | 14.6 | 0.7 | 21.3 | 13.4 | 0.9 | 19.4 | 12.4 | 1.1 | 17.6 | 11.4 | 1.3 | 15.1 | 10.5 | 1.5 | 12.3 | 9.8 | 1.7 |
| | 75 | 63 | 20.5 | 18.3 | 0.6 | 18.8 | 17.5 | 0.8 | 17.0 | 16.7 | 1.0 | 15.4 | 15.4 | 1.1 | 13.6 | 14.8 | 1.3 | 12.1 | 13.2 | 1.5 | 10.6 | 10.6 | 1.7 |
| Boost Speed 1640 | 80 | 62 | 65.8 | 56.4 | 4.4 | 64.1 | 54.8 | 4.6 | 60.4 | 53.3 | 5.1 | 61.3 | 53.2 | 5.5 | 57.5 | 51.2 | 6.2 | 42.7 | 38.7 | 4.7 | 29.8 | 29.0 | 4.2 |
| | 80 | 67 | 73.5 | 47.5 | 4.1 | 71.1 | 46.3 | 4.7 | 67.1 | 44.6 | 5.2 | 62.5 | 43.0 | 5.8 | 57.0 | 40.2 | 6.0 | 33.8 | 33.0 | 4.6 | 29.9 | 29.0 | 4.1 |
| | 80 | 72 | 78.8 | 38.4 | 4.2 | 77.0 | 37.1 | 4.7 | 73.5 | 35.1 | 5.3 | 68.6 | 33.1 | 5.9 | 62.6 | 30.8 | 6.2 | 47.2 | 25.6 | 5.1 | 31.9 | 20.4 | 4.2 |
| | 75 | 63 | 68.7 | 46.6 | 4.1 | 65.7 | 45.1 | 4.6 | 62.3 | 43.5 | 5.1 | 58.3 | 41.3 | 5.7 | 50.8 | 37.7 | 6.0 | 36.8 | 32.4 | 4.7 | 24.3 | 24.3 | 4.1 |

T.C. Total Cooling, MBTUH

S.C. Sensible Cooling, MBTUH

K.W. Total Kilowatts

Note: System speed may be reduced at temperatures exceeding 115° to protect compressor and inverter.



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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