

MAYTAG

TECHNICAL SPECIFICATIONS

Model PSA4BE Series



M1200 Product Line

**R-410A High Efficiency Air Conditioner
14 SEER — 1.5 - 5 Ton Capacity**

- **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. All split system products must be installed with a matched indoor air handler or indoor coil to qualify.**
- **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.**



Maytag now offers the choice of an air conditioner that uses a more efficient and environmentally friendly refrigerant designated R-410A. The PSA4BE Series of air conditioners offers exceptional performance. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system cooling equipment.

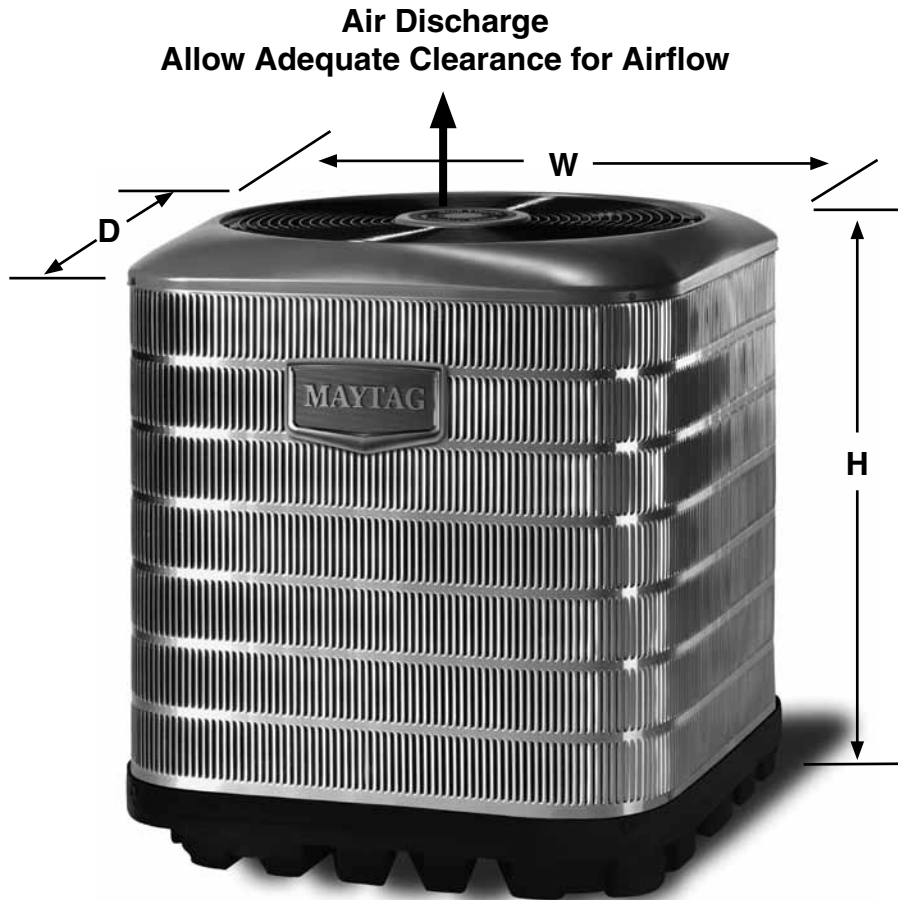
Features and Benefits

- **Smart Cool 410™ Refrigerant (R-410A)** – Earth friendly non-ozone depleting refrigerant.
- **Durable attractive stainless steel cabinet** – Durable brushed stainless steel protects the coil from yard hazards and extreme weather. Unit is trimmed in a silicone-protected polyester finish with a 950 hour salt spray that resists corrosion 50% better than comparable units.
- **Quiet Plus™ Sound Package** – Consists of a Quiet Plus™ Compressor Sound Blanket and a Swept Wing Fan Blade. Both have been engineered to significantly reduce unwanted noise.
- **Permanently Lubricated Motor** – A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Removable Top Grille Assembly** – Allows ease of service from the top without disconnecting fan motor leads.
- **Low Pressure Switch** – Loss of charge protection ensures long compressor life. Auto-reset feature prevents nuisance service visits.
- **High Pressure Switch** – Protects against abnormally high system pressures. Auto-reset feature prevents nuisance service visits.
- **Liquid Line Filter / Drier** – Included with unit, field installed.
- **One Piece Top/Orifice** – Designed for maximum airflow and quiet operation.
- **Easy Compressor and Control Access** – Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **Composite Base Pan** - Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- **Micro-Channel Coils** – All aluminum coils which provides high corrosion resistance.
- **CoreSense Compressor Protection** – Control module actively monitors compressor conditions and will shut the unit down to prevent damage.

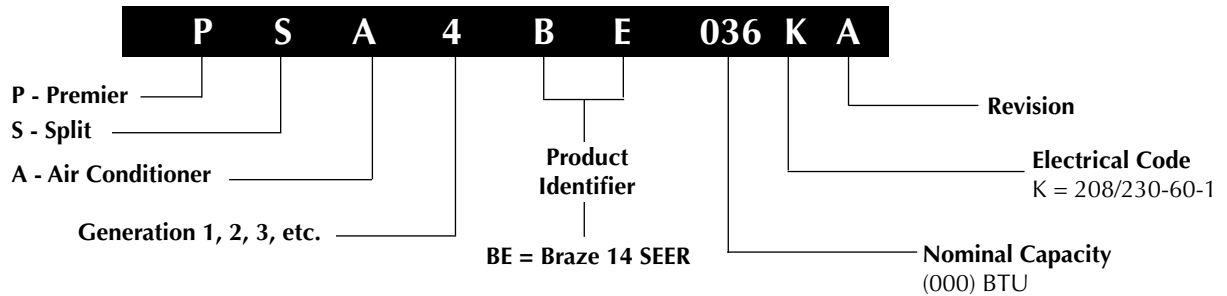
DIMENSIONS/OUTDOOR SECTION

14 SEER — High Efficiency

| PSA4BE | 018KA | 024KA | 030KA | 036KA | 042KA | 048KA | 060KA |
|--------|---------|---------|---------|---------|---------|---------|---------|
| H | 29" | 33" | 29" | 37" | 41" | 41" | 45" |
| W | 22 3/4" | 22 3/4" | 30 3/4" | 30 3/4" | 30 3/4" | 30 3/4" | 30 3/4" |
| D | 22 3/4" | 22 3/4" | 30 3/4" | 30 3/4" | 30 3/4" | 30 3/4" | 30 3/4" |



IDENTIFICATION CODE



PHYSICAL AND ELECTRICAL SPECIFICATIONS/OUTDOOR UNITS

14 SEER — High Efficiency

| Model Number PSA4BE | | 018KA | 024KA | 030KA | 036KA | 042KA | 048KA | 060KA | |
|--|------------------------|--------------|-------|-------|----------|-------|-------|------------|------|
| Electrical Data | Volts-Cycles-Phase (1) | 208/230-60-1 | | | | | | | |
| | Total Amps | 9.9 | 14.4 | 15.0 | 15.1 | 19.4 | 21.3 | 29.0 | |
| | Delay Fuse Max. (2) | 20 | 30 | 30 | 30 | 40 | 45 | 60 | |
| | Min. Circuit Ampacity | 12.1 | 17.7 | 18.5 | 18.6 | 23.9 | 26.3 | 35.6 | |
| Component Data | Coil | Area | 10.0 | 11.7 | 15.2 | 20.3 | 22.8 | 22.8 | 25.4 |
| | | Rows-FPI | 1-23 | 1-23 | 1-18 | 1-18 | 1-18 | 1-18 | 1-23 |
| | | Tube Dia | MC | | | | | | |
| | Fan Motor | Type | PSC | | | | | | BLDC |
| | | Amps | 0.9 | 0.9 | 0.9 | 1.0 | 1.5 | 1.5 | 2.6 |
| | | HP | 0.13 | 0.13 | 0.13 | 0.20 | 0.25 | 0.25 | 0.33 |
| | Compressor Data | RLA | 9.0 | 13.4 | 14.1 | 14.1 | 17.9 | 19.8 | 26.4 |
| LRA | | 48.0 | 58.3 | 73.0 | 77.0 | 112.0 | 109.0 | 134.0 | |
| Refrigerant suction line O.D. NOTE: Liquid line is 3/8" O.D. for entire length. | 0-24 ft. | 3/4" | 3/4" | 3/4" | 3/4" | 7/8" | 7/8" | 7/8" | |
| | 25-39 ft. | 3/4" | 3/4" | 3/4" | 7/8" (3) | 7/8" | 7/8" | 1-1/8" (4) | |
| | 40-75 ft. | 3/4" | 3/4" | 3/4" | 7/8" (3) | 7/8" | 7/8" | 1-1/8" (4) | |
| Refrigerant charge R-410A in ounces for outdoor unit & 15' lineset | | 39.0 | 45.0 | 51.0 | 62.0 | 75.0 | 101.0 | 81.0 | |
| Approximate Weight (lbs.) | Net | 107 | 127 | 132 | 146 | 175 | 177 | 187 | |
| | Ship | 113 | 134 | 140 | 155 | 184 | 186 | 196 | |

(1) Operating Voltage Range: 187v min. - 253v max.

(2) HACR Type Circuit Breakers may be used.

(3) Requires 7/8" to 3/4" reducer from line to unit.

(4) Requires 7/8" to 1-1/8" reducer from line to unit.

Notes:

Additional charge for line sets above 15 feet.

Values based on suction line as follows with 3/8" liquid line.

a) 3/4" = 0.6 oz. per additional foot.

b) 7/8" = 0.7 oz. per additional foot.

c) 1 1/8" = 0.8 oz. per additional foot.

ACCESSORIES - CONDENSING UNIT

Start Assist Kit - 912933

Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.

Fan Delay Kit (TDR)

911758 - 80 second fan delay

SYSTEM COOLING CAPACITIES - HIGH EFFICIENCY - SINGLE PHASE

| Outdoor Unit | Indoor Unit | BTUH | SEER | EER | CFM |
|--------------|---------------------------|--------|------|------|------|
| PSA4BE018KA | C7B(A,H)M01824(C,U)-A+TXV | 18,000 | 14 | 12.2 | 680 |
| PSA4BE018KA | C7B(A,H)M01824(C,U)-B+TXV | 18,000 | 14 | 12.2 | 680 |
| PSA4BE024KA | C7B(A,H)M01824(C,U)-A+TXV | 24,000 | 14 | 12.2 | 845 |
| PSA4BE024KA | C7B(A,H)M01824(C,U)-B+TXV | 24,000 | 14 | 12.2 | 845 |
| PSA4BE030KA | C7B(A,H)M03036(C,U)-A+TXV | 29,000 | 14 | 12.0 | 945 |
| PSA4BE030KA | C7B(A,H)M03036(C,U)-B+TXV | 29,000 | 14 | 12.0 | 945 |
| PSA4BE036KA | C7B(A,H)M03642(C,U)-B+TXV | 34,800 | 14 | 12.2 | 1110 |
| PSA4BE036KA | C7B(A,H)M03648(C,U)-C+TXV | 34,800 | 14 | 12.2 | 1110 |
| PSA4BE042KA | C7B(A,H)M03642(C,U)-B+TXV | 40,500 | 14 | 12.2 | 1305 |
| PSA4BE042KA | C7B(A,H)M03648(C,U)-C+TXV | 40,500 | 14 | 12.2 | 1305 |
| PSA4BE048KA | C7B(A,H)M048(C,U)-C+TXV | 45,500 | 14 | 11.7 | 1525 |
| PSA4BE048KA | C7B(A,H)M048(C,U)-D+TXV | 45,500 | 14 | 11.7 | 1525 |
| PSA4BE060KA | C7B(A,H)M060(C,U)-C+TXV | 57,000 | 14 | 11.7 | 1540 |
| PSA4BE060KA | C7B(A,H)M060(C,U)-D+TXV | 57,000 | 14 | 11.7 | 1540 |

14 SEER AHU COOLING EXPANDED RATINGS (CONTINUED)

PSA4BE042KA B6BM-X42K-B

| CFM | O.D.T | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°F | | |
|------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|--|
| | 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. | |
| 1225 | 80 | 62 | 42.9 | 35.3 | 2.48 | 41.3 | 35.0 | 2.71 | 39.3 | 35.1 | 2.99 | 37.4 | 34.5 | 3.29 | 35.50 | 34.90 | 3.64 | 33.65 | 33.08 | 4.03 | |
| | 80 | 67 | 46.7 | 28.7 | 2.50 | 44.7 | 28.5 | 2.74 | 42.6 | 28.8 | 3.01 | 40.3 | 28.2 | 3.31 | 38.05 | 27.84 | 3.65 | 35.72 | 26.54 | 4.04 | |
| | 80 | 72 | 50.9 | 21.7 | 2.52 | 48.7 | 21.6 | 2.76 | 46.5 | 22.0 | 3.03 | 44.0 | 21.6 | 3.34 | 41.61 | 21.25 | 3.68 | 39.02 | 21.76 | 4.07 | |
| | 75 | 62 | 42.7 | 29.2 | 2.48 | 40.9 | 28.9 | 2.71 | 38.9 | 29.1 | 2.98 | 36.9 | 28.5 | 3.29 | 34.84 | 26.23 | 3.64 | 32.66 | 28.17 | 4.02 | |
| 1400 | 80 | 62 | 44.0 | 38.2 | 2.55 | 42.2 | 38.8 | 2.78 | 40.4 | 37.7 | 3.06 | 38.6 | 36.5 | 3.37 | 36.76 | 35.52 | 3.71 | 34.80 | 34.50 | 4.10 | |
| | 80 | 67 | 47.5 | 30.9 | 2.56 | 45.3 | 31.7 | 2.81 | 43.3 | 30.9 | 3.08 | 41.0 | 30.6 | 3.38 | 38.67 | 30.58 | 3.72 | 36.20 | 30.53 | 4.11 | |
| | 80 | 72 | 51.8 | 23.1 | 2.59 | 49.6 | 24.1 | 2.82 | 47.2 | 23.4 | 3.10 | 44.7 | 23.2 | 3.41 | 42.14 | 23.29 | 3.75 | 39.43 | 23.42 | 4.13 | |
| | 75 | 62 | 43.5 | 31.3 | 2.54 | 41.7 | 32.0 | 2.78 | 39.6 | 31.2 | 3.06 | 37.6 | 30.8 | 3.36 | 35.41 | 30.65 | 3.70 | 33.17 | 30.51 | 4.09 | |
| 1575 | 80 | 62 | 45.1 | 41.0 | 2.62 | 43.4 | 40.5 | 2.85 | 41.6 | 38.8 | 3.14 | 39.8 | 37.8 | 3.44 | 37.80 | 36.52 | 3.78 | 35.72 | 35.57 | 4.17 | |
| | 80 | 67 | 48.2 | 33.5 | 2.63 | 46.0 | 33.8 | 2.88 | 43.8 | 33.0 | 3.14 | 41.5 | 32.8 | 3.45 | 39.11 | 32.59 | 3.79 | 36.62 | 32.69 | 4.18 | |
| | 80 | 72 | 52.5 | 24.9 | 2.66 | 50.2 | 25.4 | 2.89 | 47.7 | 24.7 | 3.17 | 45.1 | 24.7 | 3.48 | 42.50 | 24.59 | 3.82 | 39.73 | 24.89 | 4.20 | |
| | 75 | 62 | 44.2 | 33.8 | 2.61 | 42.3 | 34.1 | 2.85 | 40.2 | 33.2 | 3.12 | 38.1 | 33.0 | 3.43 | 35.86 | 32.63 | 3.77 | 33.65 | 32.60 | 4.16 | |

PSA4BE048KA B6BM-X48K-C

| CFM | O.D.T | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°F | | |
|------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|--|
| | 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. | |
| 1400 | 80 | 62 | 47.6 | 38.2 | 2.72 | 45.7 | 37.9 | 3.01 | 43.8 | 38.1 | 3.31 | 41.8 | 37.4 | 3.67 | 39.76 | 39.03 | 4.06 | 37.62 | 36.93 | 4.49 | |
| | 80 | 67 | 51.6 | 31.0 | 2.76 | 49.6 | 30.8 | 3.03 | 47.4 | 31.1 | 3.34 | 45.2 | 30.5 | 3.69 | 42.81 | 30.06 | 4.08 | 40.38 | 28.39 | 4.52 | |
| | 80 | 72 | 57.0 | 23.9 | 2.79 | 54.8 | 23.8 | 3.06 | 52.3 | 24.3 | 3.37 | 49.8 | 23.8 | 3.72 | 47.11 | 23.53 | 4.11 | 44.31 | 24.17 | 4.55 | |
| | 75 | 62 | 47.1 | 31.4 | 2.72 | 45.2 | 31.1 | 3.00 | 43.2 | 31.3 | 3.31 | 41.2 | 31.0 | 3.66 | 39.07 | 28.73 | 4.06 | 36.82 | 30.75 | 4.49 | |
| 1600 | 80 | 62 | 48.8 | 41.2 | 2.80 | 46.9 | 41.8 | 3.08 | 45.0 | 40.9 | 3.39 | 42.9 | 40.4 | 3.74 | 41.09 | 39.70 | 4.14 | 39.06 | 38.73 | 4.58 | |
| | 80 | 67 | 52.8 | 33.1 | 2.83 | 50.7 | 34.0 | 3.10 | 48.5 | 33.2 | 3.41 | 46.0 | 32.8 | 3.76 | 43.61 | 33.20 | 4.15 | 41.09 | 33.21 | 4.59 | |
| | 80 | 72 | 58.2 | 25.3 | 2.86 | 55.7 | 26.5 | 3.13 | 53.1 | 25.7 | 3.44 | 50.4 | 25.5 | 3.79 | 47.43 | 25.68 | 4.18 | 44.63 | 25.81 | 4.61 | |
| | 75 | 62 | 48.1 | 33.9 | 2.79 | 46.2 | 34.6 | 3.07 | 44.2 | 33.8 | 3.38 | 42.0 | 33.4 | 3.73 | 39.78 | 33.25 | 4.13 | 37.50 | 33.14 | 4.56 | |
| 1800 | 80 | 62 | 49.9 | 44.4 | 2.87 | 48.0 | 44.5 | 3.15 | 46.3 | 43.1 | 3.46 | 44.4 | 42.1 | 3.82 | 42.32 | 40.89 | 4.21 | 40.18 | 40.01 | 4.65 | |
| | 80 | 67 | 53.7 | 35.7 | 2.90 | 51.5 | 36.1 | 3.17 | 49.2 | 35.6 | 3.48 | 46.7 | 35.5 | 3.83 | 44.23 | 35.24 | 4.22 | 41.64 | 35.41 | 4.66 | |
| | 80 | 72 | 58.9 | 27.2 | 2.93 | 56.1 | 27.8 | 3.20 | 53.4 | 27.0 | 3.51 | 50.8 | 27.0 | 3.86 | 48.03 | 26.85 | 4.25 | 45.17 | 27.16 | 4.68 | |
| | 75 | 62 | 49.0 | 36.5 | 2.86 | 47.0 | 36.7 | 3.14 | 44.9 | 35.8 | 3.45 | 42.7 | 35.6 | 3.80 | 40.41 | 35.27 | 4.20 | 38.04 | 35.27 | 4.63 | |

PSA4BE060KA B6BM-X60K-C

| CFM | O.D.T | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°F | | |
|------|--------|--------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|--|
| | 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. | |
| 1500 | 80 | 62 | 60.0 | 46.4 | 3.45 | 57.7 | 46.0 | 3.83 | 55.3 | 46.3 | 4.26 | 52.8 | 45.5 | 4.75 | 50.18 | 47.93 | 5.30 | 47.44 | 45.31 | 5.94 | |
| | 80 | 67 | 65.2 | 37.9 | 3.50 | 62.6 | 37.6 | 3.89 | 60.1 | 38.2 | 4.32 | 57.3 | 37.6 | 4.80 | 54.33 | 37.09 | 5.36 | 51.31 | 34.87 | 5.98 | |
| | 80 | 72 | 71.1 | 29.3 | 3.57 | 68.2 | 29.1 | 3.96 | 65.4 | 29.7 | 4.39 | 62.3 | 29.1 | 4.87 | 59.25 | 28.78 | 5.42 | 55.95 | 29.60 | 6.06 | |
| | 75 | 62 | 59.8 | 38.7 | 3.45 | 57.5 | 38.4 | 3.83 | 55.0 | 38.7 | 4.26 | 52.4 | 38.0 | 4.74 | 49.76 | 35.34 | 5.30 | 46.96 | 37.86 | 5.93 | |
| 1650 | 80 | 62 | 61.1 | 49.0 | 3.51 | 58.8 | 50.0 | 3.89 | 56.3 | 48.9 | 4.31 | 53.7 | 48.4 | 4.80 | 51.08 | 48.33 | 5.36 | 48.46 | 48.00 | 5.99 | |
| | 80 | 67 | 66.3 | 40.0 | 3.56 | 63.6 | 41.2 | 3.95 | 60.9 | 40.2 | 4.37 | 58.0 | 39.8 | 4.85 | 55.04 | 39.97 | 5.41 | 51.86 | 40.08 | 6.03 | |
| | 80 | 72 | 72.3 | 30.4 | 3.63 | 69.3 | 31.9 | 4.01 | 66.3 | 30.9 | 4.44 | 63.2 | 30.7 | 4.92 | 59.95 | 30.98 | 5.47 | 56.52 | 31.28 | 6.11 | |
| | 75 | 62 | 60.8 | 40.7 | 3.50 | 58.4 | 41.7 | 3.88 | 55.8 | 40.7 | 4.31 | 53.2 | 40.2 | 4.80 | 50.51 | 40.21 | 5.35 | 47.62 | 40.15 | 5.98 | |
| 1800 | 80 | 62 | 62.2 | 52.2 | 3.56 | 59.7 | 52.5 | 3.94 | 57.2 | 51.4 | 4.37 | 54.6 | 51.1 | 4.85 | 52.13 | 50.36 | 5.41 | 49.60 | 49.39 | 6.05 | |
| | 80 | 67 | 67.2 | 42.6 | 3.61 | 64.4 | 43.1 | 3.99 | 61.6 | 42.1 | 4.42 | 58.6 | 42.0 | 4.90 | 55.56 | 41.84 | 5.46 | 52.37 | 42.14 | 6.09 | |
| | 80 | 72 | 73.2 | 32.3 | 3.67 | 70.2 | 33.0 | 4.07 | 67.1 | 32.1 | 4.50 | 63.8 | 32.2 | 4.98 | 60.50 | 32.16 | 5.52 | 57.02 | 32.71 | 6.16 | |
| | 75 | 62 | 61.6 | 43.2 | 3.55 | 59.2 | 43.6 | 3.94 | 56.6 | 42.5 | 4.36 | 53.9 | 42.4 | 4.85 | 51.12 | 42.06 | 5.40 | 48.17 | 42.19 | 6.03 | |



For current Energy Star Information please refer to www.energystar.gov



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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