



TECHNICAL SPECIFICATIONS

Model PPA3RD Rev A Series



M1200 Product Line

**Single Packaged Air Conditioner
13 SEER - 2 - 5 Ton Units, R-410A**

- **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 (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.**

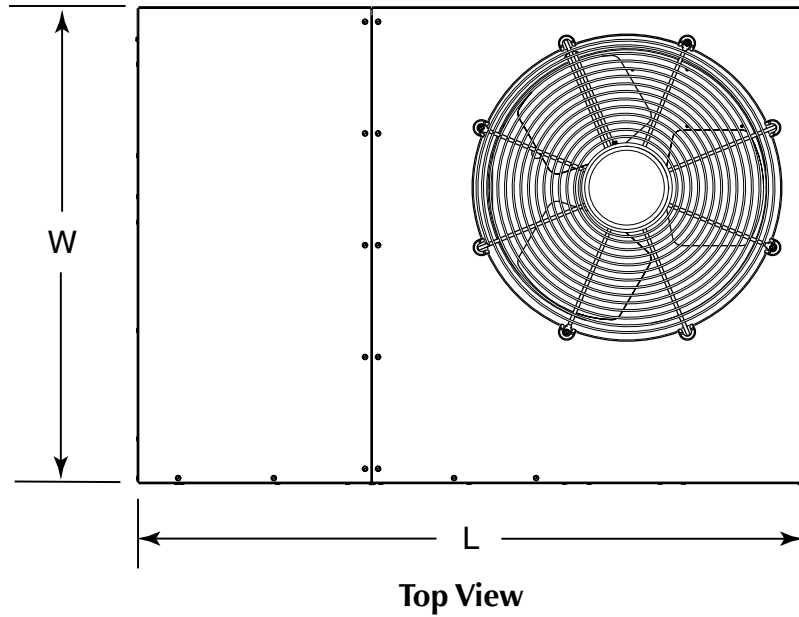


The PPA3RD Series single packaged air conditioners are high efficiency self contained cooling and heating units that can be installed on a slab. Units are ETL and ETLc listed.

Features and Benefits

- **Quality Compressor:** State of the art compressor is standard equipment.
- **Compressor sound blanket:** Is standard.
- **R-410A Refrigerant:** Earth friendly non-ozone depleting refrigerant.
- **Hi/Low Pressure Switches:** Ensure long compressor life.
- **Micro-Channel Coils:** Both indoor and outdoor all aluminum coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **ECM Blower Motor:** Fixed torque energy efficient brushless DC ECM motor.
- **Permanently Lubricated Condenser Motor:** A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Low voltage Transformer:** Includes 3 Amp fuse to protect low voltage circuit.
- **Liquid Line Filter Driers:** Factory installed at a convenient location for service.
- **Designed using Galvanized Steel:** With a polyester urethane coat finish. The 950 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- **Compact Footprint and Profile:** Make these units easy to install and transport.
- **0" Clearance:** To combustibles on duct side of the unit allows for installations in tight areas.
- **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.
- **Raised Base Pan:** Allows water to drain away from the unit.
- **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. Hi/low service ports allow access without disrupting operation.
- **Easy access:** To the evaporator coil for cleaning and general maintenance.
- **Drain Trap:** Design optimizes drainage capabilities.
- **Removable Top Grille Assembly:** Allows ease of service to the fan motor.
- **Duct Collars:** Reduce installation costs.
- **Optional Electric Heat:** Field installed 5 – 20 KW.

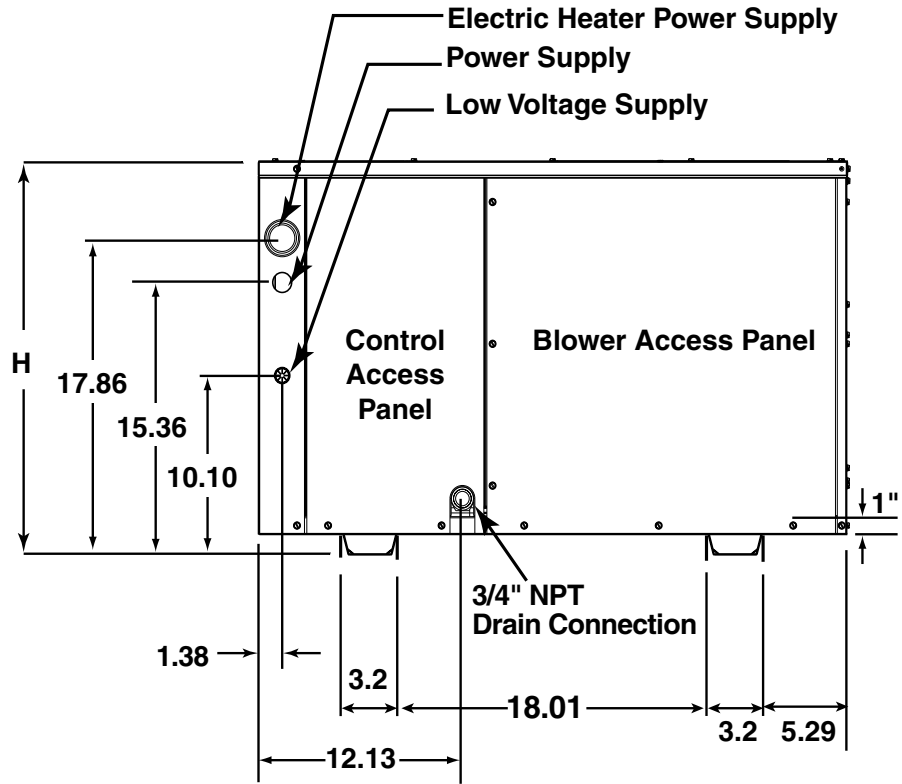
DIMENSIONS



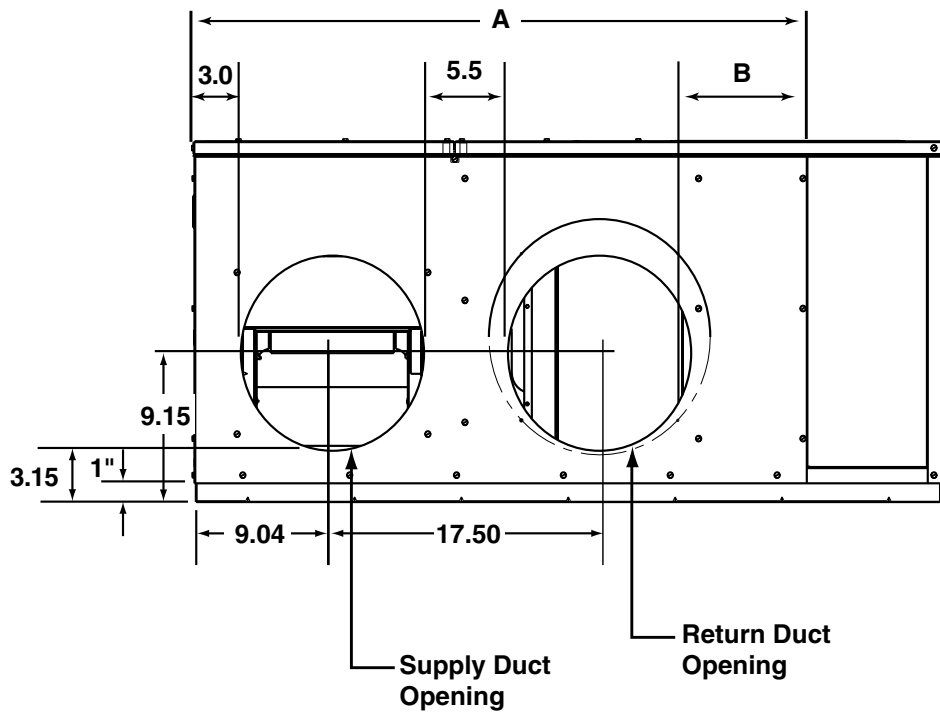
| Model No. PPA3RD | (L) Length | (W) Width | (H) Height | A | B |
|---------------------|---------------|--------------|---------------|-------|------|
| 024KA | 49 | 35 | 30.2 | 35.02 | 2.48 |
| 030KA | 49 | 35 | 30.2 | 35.02 | 2.48 |
| 036KA | 49 | 35 | 30.2 | 35.02 | 2.48 |
| 042KA | 49 | 35 | 30.2 | 35.02 | 2.48 |
| 048KA | 49 | 35 | 30.2 | 35.02 | 2.48 |
| 060KA | 49 | 35 | 34.2 | 35.02 | 2.48 |

| Model Number PPA3RD | Return Diameter (in) | Supply Diameter (in) |
|------------------------|-------------------------|-------------------------|
| 024KA | 12 | 12 |
| 030KA | 12 | 12 |
| 036KA | 14 | 12 |
| 042KA | 14 | 12 |
| 048KA | 14 | 12 |
| 060KA | 14 | 12 |

DIMENSIONS continued

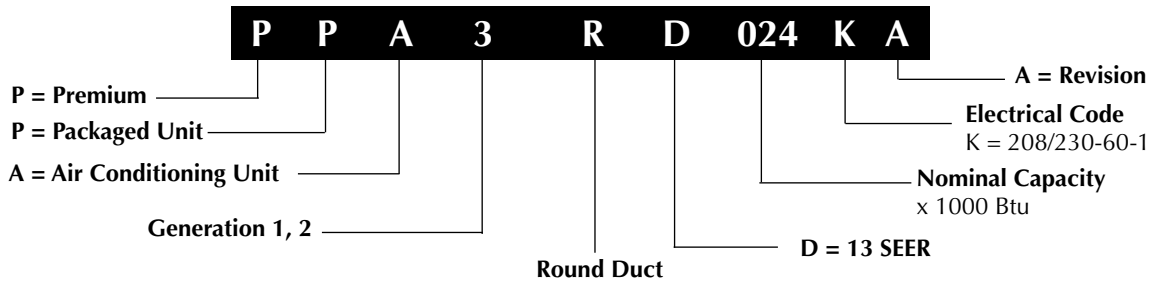


Side View



Back (Duct) View

IDENTIFICATION CODE



PHYSICAL SPECIFICATIONS

| Model No. PPA3RD | | 024KA | 030KA | 036KA | 042KA | 048KA | 060KA | |
|---------------------------|------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Performance Data | Cooling Btu/h | 24000 | 30000 | 36000 | 42000 | 48000 | 60000 | |
| | SEER | 13 | 13 | 13 | 13 | 13 | 13 | |
| | EER | 11 | 11 | 11 | 11 | 11 | 11 | |
| Electrical Data | Volts-Cycles-Phase (1) | 208/230-60-1 | 208/230-60-1 | 208/230-60-1 | 208/230-60-1 | 208/230-60-1 | 208/230-60-1 | |
| | Total Amps | 14.4 | 14.9 | 19.9 | 26.9 | 31.2 | 37.9 | |
| | Delay Fuse - Max. (2) | 25 | 25 | 35 | 50 | 60 | 70 | |
| | Min. Circuit Ampacity | 16.8 | 17.4 | 23.7 | 31.9 | 37.3 | 45.3 | |
| Condenser Data | Outdoor Coil | Face Area (SQ/FT) | 9.6 | 9.6 | 12.8 | 12.8 | 12.8 | 14.6 |
| | | Row-FPI | MC | MC | MC | MC | MC | MC |
| | Fan Motor | Type | PSC | PSC | PSC | PSC | PSC | PSC |
| | | Fan Motor - Amps | 1 | 1 | 1.1 | 1.5 | 1.5 | 1.5 |
| | | RPM | 825 | 825 | 1100 | 1100 | 1100 | 1100 |
| | | HP | 1/5 | 1/5 | 1/8 | 1/4 | 1/4 | 1/4 |
| | Fan Blade | Dia - # Blades | 20-3 | 20-3 | 20-3 | 20-3 | 20-3 | 20-3 |
| | | SCFM | 2800 | 2800 | 2800 | 3000 | 3000 | 3000 |
| | Compressor Data | RLA | 9.6 | 10.1 | 15 | 20 | 24.3 | 29.4 |
| | | LRA | 60.5 | 60 | 88 | 112 | 117 | 134 |
| Evaporator Data | Indoor Coil | Face Area (SQ/FT) | 3.6 | 3.6 | 5.1 | 5.1 | 5.1 | 5.8 |
| | | Row-FPI | MC | MC | MC | MC | MC | MC |
| | | Metering Device | Fixed Orifice | Fixed Orifice | Fixed Orifice | Fixed Orifice | Fixed Orifice | Fixed Orifice |
| | Blower | Type | DC | DC | DC | DC | DC | DC |
| | | Amps | 3.8 | 3.8 | 3.8 | 5.4 | 5.4 | 7 |
| | | RPM | 1050 | 1050 | 1050 | 1050 | 1050 | 1050 |
| | | HP | 1/2 | 1/2 | 1/2 | 3/4 | 3/4 | 1 |
| | | CFM @ ESP, WC | 755 @ .30 | 925 @ .30 | 1190 @ .30 | 1310 @ .30 | 1535 @ .30 | 1820 @ .30 |
| Refrigerant Charge | Oz. | 58 | 57 | 66 | 62 | 57 | 69 | |
| Approximate Weight (lbs.) | Shipping | 244 | 249 | 280 | 297 | 301 | 317 | |
| Sound Ratings | | 73 | 73 | 76 | 76 | 78 | 78 | |

(1) Operating Voltage Range: 187v min. - 253v max. Amperage and wire size based on refrigeration system only. See electrical data tables for supplemental electric heaters.

(2) HACR Type Circuit Breakers may be used.

(3) Airflow performance is with a dry coil.

HEATER APPLICATION MATRIX

Heater Application Matrix

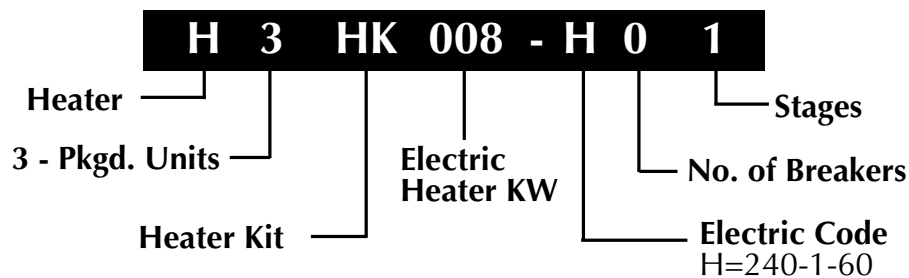
| Model Number PPA3RD | H3HK-005H-01B 917166B | H3HK-008H-01B 917167B | H3HK-010H-01B 917168B | H3HK-015H-01B 917169B | H3HK-020H-01B 917170B | H3HK-015H-21B 917172B | H3HK-020H-21B 917173B |
|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 024KA | X | X | X | NA | NA | NA | NA |
| 030KA | X | X | X | X(2) | NA | X | NA |
| 036KA | X | X | X | X(2) | NA | X | NA |
| 042KA | X | X | X | X(2) | X(2) | X | X |
| 048KA | X | X | X | X(2) | X(2) | X | X |
| 060KA | X | X | X | X(2) | X(2) | X | X |

NA = Not Approved.

() = Number of internal circuit breaker kits required.

X = Branch circuit protection only.

IDENTIFICATION CODE



ACCESSORIES

| Description | Part Number |
|---------------------------------------|-------------|
| 4-Pole single circuit adaptor | 913350 |
| 6-Pole single circuit adaptor | 913556 |
| Circuit Breaker Single Phase (2-pole) | 913554 |
| Extreme High Wind Kit - Ground Mount | 903694 |

ELECTRICAL DATA

| Model | Heater kw | Single Circuit | | Multiple Supply Circuit Option | | | |
|-------------|-----------|----------------|-----|--------------------------------------|-----|--------------------|-----|
| | | MCA | MOP | Circuit A (Compressor, Blower & Fan) | | Circuit B (Heater) | |
| | | | | MCA | MOP | MCA | MOP |
| PPA3RD024KA | 0 | 16.8 | 25 | - | - | - | - |
| | 5 | 29.8 | 30 | - | - | - | - |
| | 8 | 44.3 | 45 | - | - | - | - |
| | 10 | 54.8 | 60 | - | - | - | - |
| PPA3RD030KA | 0 | 17.4 | 25 | - | - | - | - |
| | 5 | 29.8 | 30 | - | - | - | - |
| | 8 | 44.3 | 45 | - | - | - | - |
| | 10 | 54.8 | 60 | - | - | - | - |
| | 15 | 79.8 | 80 | 54.8 | 60 | 25 | 30 |
| PPA3RD036KA | 0 | 23.7 | 35 | - | - | - | - |
| | 5 | 29.8 | 35 | - | - | - | - |
| | 8 | 44.3 | 45 | - | - | - | - |
| | 10 | 54.8 | 60 | - | - | - | - |
| | 15 | 79.8 | 80 | 54.8 | 60 | 25 | 30 |
| PPA3RD042KA | 0 | 31.9 | 50 | - | - | - | - |
| | 5 | 31.9 | 50 | - | - | - | - |
| | 8 | 46.3 | 50 | - | - | - | - |
| | 10 | 56.8 | 60 | - | - | - | - |
| | 15 | 81.8 | 90 | 56.8 | 60 | 25 | 30 |
| | 20 | 106.8 | 110 | 56.8 | 60 | 50 | 60 |
| PPA3RD048KA | 0 | 37.3 | 60 | - | - | - | - |
| | 5 | 37.3 | 60 | - | - | - | - |
| | 8 | 46.3 | 60 | - | - | - | - |
| | 10 | 56.8 | 60 | - | - | - | - |
| | 15 | 81.8 | 90 | 56.8 | 60 | 25 | 30 |
| | 20 | 106.8 | 110 | 56.8 | 60 | 50 | 60 |
| PPA3RD060KA | 0 | 45.3 | 70 | - | - | - | - |
| | 5 | 45.3 | 70 | - | - | - | - |
| | 8 | 48.3 | 70 | - | - | - | - |
| | 10 | 58.8 | 70 | - | - | - | - |
| | 15 | 83.8 | 90 | 58.8 | 70 | 25 | 30 |
| | 20 | 108.8 | 110 | 58.8 | 70 | 50 | 60 |

NOTE: If electric heat is installed, and the overcurrent rating exceeds 60A, internal circuit breakers must be installed in addition to branch circuit protection at the distribution panel.

BLOWER PERFORMANCE

Heat Rise Data (based on Nominal 10kw electric heater)

| Model No. | | External Static Pressure Drop - inches water column | | | | | | | | | | | | | | | |
|-----------|----------------|---|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|
| PPA3RD | | 0.1 | | 0.2 | | 0.3 | | 0.4 | | 0.5 | | 0.6 | | 0.7 | | 0.8 | |
| Unit | Blower Setting | CFM | HEAT RISE | CFM | HEAT RISE | CFM | HEAT RISE | CFM | HEAT RISE | CFM | HEAT RISE | CFM | HEAT RISE | CFM | HEAT RISE | CFM | HEAT RISE |
| 024KA** | Tap T1 | 840 | 38 | 800 | 39 | 755 | 42 | 710 | 44 | 650 | 49 | 600 | 53 | 550 | 57 | 505 | 63 |
| | Tap T2 | 1010 | 31 | 965 | 33 | 925 | 34 | 885 | 36 | 845 | 37 | 790 | 40 | 735 | 43 | 690 | 46 |
| | Tap T3 | 1115 | 28 | 1080 | 29 | 1040 | 30 | 1000 | 32 | 965 | 33 | 925 | 34 | 875 | 36 | 820 | 39 |
| | Tap T4 | 1205 | 26 | 1170 | 27 | 1130 | 28 | 1095 | 29 | 1055 | 30 | 1020 | 31 | 985 | 32 | 940 | 34 |
| | Tap T5 | 1335 | 24 | 1300 | 24 | 1270 | 25 | 1230 | 26 | 1195 | 26 | 1160 | 27 | 1125 | 28 | 1090 | 29 |
| 030KA** | Tap T1 | 840 | 38 | 800 | 39 | 755 | 42 | 710 | 44 | 650 | 49 | 600 | 53 | 550 | 57 | 505 | 63 |
| | Tap T2 | 1010 | 31 | 965 | 33 | 925 | 34 | 885 | 36 | 845 | 37 | 790 | 40 | 735 | 43 | 690 | 46 |
| | Tap T3 | 1115 | 28 | 1080 | 29 | 1040 | 30 | 1000 | 32 | 965 | 33 | 925 | 34 | 875 | 36 | 820 | 39 |
| | Tap T4 | 1205 | 26 | 1170 | 27 | 1130 | 28 | 1095 | 29 | 1055 | 30 | 1020 | 31 | 985 | 32 | 940 | 34 |
| | Tap T5 | 1335 | 24 | 1300 | 24 | 1270 | 25 | 1230 | 26 | 1195 | 26 | 1160 | 27 | 1125 | 28 | 1090 | 29 |
| 036KA* | Tap T1 | 905 | 35 | 865 | 37 | 810 | 39 | 755 | 42 | 695 | 45 | 645 | 49 | 590 | 54 | 555 | 57 |
| | Tap T2 | 1130 | 28 | 1090 | 29 | 1050 | 30 | 1000 | 32 | 950 | 33 | 895 | 35 | 835 | 38 | 790 | 40 |
| | Tap T3 | 1265 | 25 | 1225 | 26 | 1190 | 27 | 1145 | 28 | 1100 | 29 | 1045 | 30 | 995 | 32 | 940 | 34 |
| | Tap T4 | 1380 | 23 | 1340 | 24 | 1305 | 24 | 1270 | 25 | 1225 | 26 | 1180 | 27 | 1130 | 28 | 1080 | 29 |
| | Tap T5 | 1540 | 21 | 1510 | 21 | 1475 | 21 | 1440 | 22 | 1405 | 22 | 1360 | 23 | 1320 | 24 | 1270 | 25 |
| 042KA | Tap T1 | 1375 | 23 | 1345 | 23 | 1310 | 24 | 1275 | 25 | 1240 | 25 | 1205 | 26 | 1160 | 27 | 1120 | 28 |
| | Tap T2 | 1470 | 21 | 1435 | 22 | 1400 | 23 | 1370 | 23 | 1335 | 24 | 1300 | 24 | 1260 | 25 | 1215 | 26 |
| | Tap T3 | 1600 | 20 | 1570 | 20 | 1535 | 21 | 1505 | 21 | 1470 | 21 | 1440 | 22 | 1400 | 23 | 1355 | 23 |
| | Tap T4 | 1715 | 18 | 1680 | 19 | 1650 | 19 | 1620 | 20 | 1585 | 20 | 1545 | 20 | 1505 | 21 | 1470 | 21 |
| | Tap T5 | 1895 | 17 | 1865 | 17 | 1830 | 17 | 1795 | 18 | 1760 | 18 | 1730 | 18 | 1695 | 19 | 1655 | 19 |
| 048KA* | Tap T1 | 1375 | 23 | 1345 | 23 | 1310 | 24 | 1275 | 25 | 1240 | 25 | 1205 | 26 | 1160 | 27 | 1120 | 28 |
| | Tap T2 | 1470 | 21 | 1435 | 22 | 1400 | 23 | 1370 | 23 | 1335 | 24 | 1300 | 24 | 1260 | 25 | 1215 | 26 |
| | Tap T3 | 1600 | 20 | 1570 | 20 | 1535 | 21 | 1505 | 21 | 1470 | 21 | 1440 | 22 | 1400 | 23 | 1355 | 23 |
| | Tap T4 | 1715 | 18 | 1680 | 19 | 1650 | 19 | 1620 | 20 | 1585 | 20 | 1545 | 20 | 1505 | 21 | 1470 | 21 |
| | Tap T5 | 1895 | 17 | 1865 | 17 | 1830 | 17 | 1795 | 18 | 1760 | 18 | 1730 | 18 | 1695 | 19 | 1655 | 19 |
| 060KA* | Tap T1 | 1290 | 24 | 1255 | 25 | 1220 | 26 | 1185 | 27 | 1145 | 28 | 1110 | 28 | 1070 | 30 | 1035 | 31 |
| | Tap T2 | 1645 | 19 | 1615 | 20 | 1580 | 20 | 1550 | 20 | 1520 | 21 | 1490 | 21 | 1440 | 22 | 1405 | 22 |
| | Tap T3 | 1885 | 17 | 1855 | 17 | 1820 | 17 | 1785 | 18 | 1755 | 18 | 1720 | 18 | 1685 | 19 | 1650 | 19 |
| | Tap T4 | 2020 | 16 | 1985 | 16 | 1955 | 16 | 1920 | 16 | 1890 | 17 | 1850 | 17 | 1820 | 17 | 1785 | 18 |
| | Tap T5 | 2185 | 14 | 2170 | 15 | 2160 | 15 | 2145 | 15 | 2130 | 15 | 2090 | 15 | 2055 | 15 | 2015 | 16 |

NOTE:

Temperature rises shaded gray are for reference only. These conditions are not recommended

* Denotes factory set cooling speed

** Denotes factory set electric heating speed

| Conversion | |
|---------------|---------|
| KW/h to Btu/h | 3412.1 |
| KW/h | Btu/h |
| 5 | 17060.7 |
| 8 | 27297.1 |
| 10 | 34121.4 |
| 15 | 51182.1 |
| 20 | 68242.8 |

Heat rise

$$\text{Btu/h} = \text{CFM} * T * 1.08$$

$$T = (\text{Btu/h}) / (\text{CFM} * 1.08)$$

| COPPER WIRE SIZE — AWG (1% Voltage Drop) | | | | |
|---|-----|-----|----|-------------------------|
| Supply Wire Length-Feet | | | | Supply Circuit Ampacity |
| 200 | 150 | 100 | 50 | |
| 6 | 8 | 10 | 14 | 15 |
| 4 | 6 | 8 | 12 | 20 |
| 4 | 6 | 8 | 10 | 25 |
| 4 | 4 | 6 | 10 | 30 |
| 3 | 4 | 6 | 8 | 35 |
| 3 | 4 | 6 | 8 | 40 |
| 2 | 3 | 4 | 6 | 45 |
| 2 | 3 | 4 | 6 | 50 |

Wire Size based on N.E.C. for 60° type copper conductors.

COOLING EXPANDED RATINGS

PPA3RD024KA

| O.D.T. | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°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. |
| 700 | 80 | 62 | 26.3 | 21.4 | 1.5 | 25.0 | 20.7 | 1.7 | 23.4 | 19.9 | 1.8 | 21.5 | 19.0 | 2.0 | 19.5 | 18.0 | 2.2 | 17.2 | 16.8 | 2.5 |
| | 80 | 67 | 28.9 | 17.6 | 1.5 | 27.5 | 16.9 | 1.7 | 25.9 | 16.1 | 1.9 | 24.1 | 15.2 | 2.1 | 22.0 | 14.2 | 2.3 | 19.7 | 13.0 | 2.5 |
| | 80 | 72 | 31.5 | 13.8 | 1.5 | 30.1 | 13.2 | 1.7 | 28.5 | 12.4 | 1.9 | 26.7 | 11.4 | 2.1 | 24.6 | 10.4 | 2.3 | 22.3 | 9.2 | 2.5 |
| | 75 | 62 | 25.7 | 18.2 | 1.5 | 24.4 | 17.8 | 1.7 | 22.9 | 17.1 | 1.9 | 21.1 | 16.2 | 2.1 | 19.1 | 15.2 | 2.3 | 16.7 | 13.9 | 2.5 |
| 850 | 80 | 62 | 27.3 | 23.7 | 1.5 | 26.0 | 23.0 | 1.7 | 24.4 | 22.2 | 1.9 | 22.5 | 21.3 | 2.1 | 20.5 | 20.2 | 2.3 | 18.2 | 18.2 | 2.5 |
| | 80 | 67 | 29.9 | 19.9 | 1.6 | 28.5 | 19.2 | 1.7 | 26.9 | 18.4 | 1.9 | 25.1 | 17.5 | 2.1 | 23.0 | 16.4 | 2.3 | 20.7 | 15.2 | 2.5 |
| | 80 | 72 | 32.5 | 16.1 | 1.6 | 31.1 | 15.4 | 1.7 | 29.5 | 14.6 | 1.9 | 27.7 | 13.7 | 2.1 | 25.6 | 12.6 | 2.3 | 23.3 | 11.4 | 2.6 |
| | 75 | 62 | 26.2 | 19.3 | 1.6 | 24.9 | 18.9 | 1.7 | 23.4 | 18.2 | 1.9 | 21.6 | 17.4 | 2.1 | 19.6 | 16.3 | 2.3 | 17.2 | 15.1 | 2.5 |
| 1000 | 80 | 62 | 27.8 | 24.2 | 1.6 | 26.5 | 23.5 | 1.7 | 24.9 | 22.7 | 1.9 | 23.0 | 21.8 | 2.1 | 21.0 | 20.7 | 2.3 | 18.7 | 18.7 | 2.6 |
| | 80 | 67 | 30.4 | 20.4 | 1.6 | 29.0 | 19.7 | 1.8 | 27.4 | 18.9 | 1.9 | 25.6 | 18.0 | 2.1 | 23.5 | 16.9 | 2.4 | 21.2 | 15.8 | 2.6 |
| | 80 | 72 | 33.0 | 16.6 | 1.6 | 31.6 | 15.9 | 1.8 | 30.0 | 15.1 | 2.0 | 28.2 | 14.2 | 2.2 | 26.1 | 13.1 | 2.4 | 23.8 | 12.0 | 2.6 |
| | 75 | 62 | 27.1 | 20.6 | 1.6 | 25.9 | 20.1 | 1.8 | 24.4 | 19.5 | 1.9 | 22.6 | 18.6 | 2.1 | 20.5 | 17.5 | 2.4 | 18.2 | 16.3 | 2.6 |

PPA3RD030KA

| O.D.T. | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°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. |
| 850 | 80 | 62 | 32.5 | 27.0 | 1.7 | 30.3 | 26.0 | 2.0 | 28.2 | 25.0 | 2.2 | 26.0 | 24.0 | 2.4 | 23.8 | 23.0 | 2.6 | 21.6 | 21.6 | 2.8 |
| | 80 | 67 | 35.3 | 22.6 | 1.8 | 33.2 | 21.5 | 2.0 | 31.0 | 20.5 | 2.2 | 28.8 | 19.5 | 2.4 | 26.6 | 18.5 | 2.6 | 24.5 | 17.5 | 2.9 |
| | 80 | 72 | 38.2 | 18.1 | 1.8 | 36.0 | 17.1 | 2.0 | 33.8 | 16.1 | 2.2 | 31.6 | 15.1 | 2.4 | 29.4 | 14.1 | 2.7 | 27.3 | 13.1 | 2.9 |
| | 75 | 62 | 31.1 | 22.7 | 1.7 | 29.9 | 21.9 | 1.9 | 28.2 | 21.0 | 2.1 | 26.1 | 20.0 | 2.4 | 23.7 | 18.9 | 2.6 | 20.9 | 17.8 | 2.8 |
| 1000 | 80 | 62 | 33.1 | 28.5 | 1.8 | 30.9 | 27.5 | 2.0 | 28.8 | 26.5 | 2.2 | 26.6 | 25.5 | 2.5 | 24.4 | 24.4 | 2.7 | 22.2 | 22.2 | 2.9 |
| | 80 | 67 | 35.9 | 24.1 | 1.8 | 33.8 | 23.1 | 2.1 | 31.6 | 22.1 | 2.3 | 29.4 | 21.1 | 2.5 | 27.2 | 20.1 | 2.7 | 25.0 | 19.1 | 2.9 |
| | 80 | 72 | 38.7 | 19.6 | 1.9 | 36.6 | 18.6 | 2.1 | 34.4 | 17.6 | 2.3 | 32.2 | 16.6 | 2.5 | 30.0 | 15.6 | 2.7 | 27.9 | 14.6 | 2.9 |
| | 75 | 62 | 30.1 | 23.9 | 1.8 | 28.8 | 23.1 | 2.0 | 27.2 | 22.2 | 2.2 | 25.1 | 21.2 | 2.4 | 22.7 | 20.1 | 2.7 | 19.8 | 19.0 | 2.9 |
| 1150 | 80 | 62 | 33.6 | 29.2 | 1.9 | 31.4 | 28.2 | 2.1 | 29.2 | 27.1 | 2.3 | 27.1 | 26.1 | 2.5 | 24.9 | 24.9 | 2.8 | 22.7 | 22.7 | 3.0 |
| | 80 | 67 | 36.4 | 24.7 | 1.9 | 34.2 | 23.7 | 2.1 | 32.1 | 22.7 | 2.3 | 29.9 | 21.7 | 2.6 | 27.7 | 20.7 | 2.8 | 25.5 | 19.7 | 3.0 |
| | 80 | 72 | 39.2 | 20.2 | 1.9 | 37.1 | 19.2 | 2.2 | 34.9 | 18.2 | 2.4 | 32.7 | 17.2 | 2.6 | 30.5 | 16.2 | 2.8 | 28.3 | 15.2 | 3.0 |
| | 75 | 62 | 31.8 | 24.8 | 1.9 | 30.5 | 24.0 | 2.1 | 28.8 | 23.1 | 2.3 | 26.8 | 22.1 | 2.5 | 24.3 | 21.0 | 2.7 | 21.5 | 19.8 | 3.0 |

PPA3RD036KA

| O.D.T. | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°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. |
| 1050 | 80 | 62 | 40.1 | 32.3 | 2.1 | 38.1 | 31.4 | 2.4 | 35.7 | 30.5 | 2.6 | 33.0 | 29.7 | 2.9 | 30.0 | 28.9 | 3.3 | 26.6 | 26.6 | 3.6 |
| | 80 | 67 | 43.5 | 27.2 | 2.2 | 41.4 | 26.3 | 2.4 | 39.1 | 25.4 | 2.7 | 36.4 | 24.6 | 3.0 | 33.3 | 23.8 | 3.3 | 29.9 | 23.1 | 3.7 |
| | 80 | 72 | 46.8 | 22.1 | 2.2 | 44.8 | 21.2 | 2.5 | 42.4 | 20.3 | 2.7 | 39.7 | 19.5 | 3.0 | 36.7 | 18.7 | 3.3 | 33.3 | 18.0 | 3.7 |
| | 75 | 62 | 39.6 | 26.8 | 2.2 | 37.5 | 25.8 | 2.4 | 35.0 | 24.9 | 2.7 | 32.3 | 24.0 | 2.9 | 29.2 | 23.2 | 3.3 | 25.8 | 22.5 | 3.6 |
| 1200 | 80 | 62 | 40.9 | 35.2 | 2.2 | 38.9 | 34.3 | 2.5 | 36.5 | 33.4 | 2.7 | 33.8 | 32.6 | 3.0 | 30.7 | 30.7 | 3.3 | 27.4 | 27.4 | 3.7 |
| | 80 | 67 | 44.2 | 30.2 | 2.3 | 42.2 | 29.2 | 2.5 | 39.8 | 28.4 | 2.8 | 37.1 | 27.5 | 3.0 | 34.1 | 26.8 | 3.4 | 30.7 | 26.1 | 3.7 |
| | 80 | 72 | 47.5 | 25.1 | 2.3 | 45.5 | 24.1 | 2.5 | 43.1 | 23.3 | 2.8 | 40.4 | 22.4 | 3.1 | 37.4 | 21.7 | 3.4 | 34.0 | 21.0 | 3.8 |
| | 75 | 62 | 39.7 | 29.1 | 2.2 | 37.6 | 28.1 | 2.4 | 35.2 | 27.2 | 2.7 | 32.5 | 26.3 | 3.0 | 29.4 | 25.5 | 3.3 | 26.0 | 24.8 | 3.7 |
| 1350 | 80 | 62 | 41.4 | 34.8 | 2.2 | 39.4 | 33.9 | 2.5 | 37.0 | 33.0 | 2.7 | 34.3 | 32.2 | 3.0 | 31.2 | 31.2 | 3.4 | 27.9 | 27.9 | 3.7 |
| | 80 | 67 | 44.7 | 29.7 | 2.3 | 42.7 | 28.8 | 2.5 | 40.3 | 27.9 | 2.8 | 37.6 | 27.1 | 3.1 | 34.6 | 26.3 | 3.4 | 31.2 | 25.6 | 3.7 |
| | 80 | 72 | 48.1 | 24.6 | 2.3 | 46.0 | 23.7 | 2.5 | 43.7 | 22.8 | 2.8 | 41.0 | 22.0 | 3.1 | 37.9 | 21.2 | 3.4 | 34.5 | 20.5 | 3.8 |
| | 75 | 62 | 40.5 | 28.9 | 2.2 | 38.5 | 28.0 | 2.5 | 36.0 | 27.0 | 2.7 | 33.3 | 26.2 | 3.0 | 30.2 | 25.4 | 3.4 | 26.8 | 24.6 | 3.7 |

COOLING EXPANDED RATINGS (Continued)

PPA3RD042KA

| O.D.T. | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°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. |
| 1350 | 80 | 62 | 42.9 | 34.5 | 2.5 | 41.2 | 33.9 | 2.8 | 39.1 | 33.0 | 3.1 | 36.5 | 31.9 | 3.4 | 33.4 | 30.5 | 3.8 | 29.8 | 29.0 | 4.3 |
| | 80 | 67 | 47.7 | 29.5 | 2.5 | 46.0 | 28.8 | 2.8 | 43.8 | 27.9 | 3.1 | 41.2 | 26.8 | 3.5 | 38.1 | 25.4 | 3.9 | 34.5 | 23.9 | 4.3 |
| | 80 | 72 | 50.5 | 23.4 | 2.6 | 48.8 | 22.7 | 2.8 | 46.7 | 21.8 | 3.2 | 44.0 | 20.7 | 3.5 | 40.9 | 19.4 | 3.9 | 37.4 | 17.8 | 4.3 |
| | 75 | 62 | 41.9 | 29.6 | 2.5 | 40.2 | 28.9 | 2.8 | 38.0 | 28.0 | 3.1 | 35.4 | 26.9 | 3.4 | 32.3 | 25.6 | 3.8 | 28.8 | 24.0 | 4.3 |
| 1500 | 80 | 62 | 42.2 | 35.3 | 2.5 | 40.5 | 34.6 | 2.8 | 38.4 | 33.7 | 3.1 | 35.8 | 32.6 | 3.4 | 32.7 | 31.3 | 3.8 | 29.1 | 29.1 | 4.3 |
| | 80 | 67 | 47.0 | 30.2 | 2.5 | 45.3 | 29.5 | 2.8 | 43.1 | 28.6 | 3.1 | 40.5 | 27.5 | 3.5 | 37.4 | 26.2 | 3.9 | 33.8 | 24.6 | 4.3 |
| | 80 | 72 | 49.8 | 24.1 | 2.6 | 48.1 | 23.5 | 2.8 | 46.0 | 22.6 | 3.2 | 43.3 | 21.5 | 3.5 | 40.2 | 20.1 | 3.9 | 36.7 | 18.6 | 4.3 |
| | 75 | 62 | 41.2 | 30.3 | 2.5 | 39.5 | 29.7 | 2.8 | 37.4 | 28.8 | 3.1 | 34.7 | 27.7 | 3.5 | 31.6 | 26.3 | 3.8 | 28.1 | 24.7 | 4.3 |
| 1650 | 80 | 62 | 44.0 | 35.9 | 2.6 | 42.3 | 35.2 | 2.9 | 40.1 | 34.3 | 3.2 | 37.5 | 33.2 | 3.6 | 34.4 | 31.9 | 4.0 | 30.8 | 30.3 | 4.4 |
| | 80 | 67 | 48.7 | 30.8 | 2.7 | 47.0 | 30.1 | 2.9 | 44.9 | 29.3 | 3.3 | 42.3 | 28.1 | 3.6 | 39.2 | 26.8 | 4.0 | 35.6 | 25.2 | 4.4 |
| | 80 | 72 | 51.6 | 24.7 | 2.7 | 49.9 | 24.1 | 3.0 | 47.7 | 23.2 | 3.3 | 45.1 | 22.1 | 3.6 | 42.0 | 20.7 | 4.0 | 38.4 | 19.2 | 4.5 |
| | 75 | 62 | 43.0 | 30.9 | 2.6 | 41.3 | 30.3 | 2.9 | 39.1 | 29.4 | 3.2 | 36.5 | 28.3 | 3.6 | 33.4 | 26.9 | 4.0 | 29.8 | 25.3 | 4.4 |

PPA3RD048KA

| O.D.T. | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°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. |
| 1450 | 80 | 62 | 54.1 | 44.2 | 2.8 | 51.8 | 42.6 | 3.2 | 48.9 | 40.9 | 3.6 | 45.4 | 39.1 | 4.0 | 41.2 | 37.3 | 4.5 | 36.5 | 35.5 | 5.0 |
| | 80 | 67 | 60.5 | 38.4 | 2.9 | 58.2 | 36.8 | 3.2 | 55.3 | 35.1 | 3.6 | 51.8 | 33.4 | 4.0 | 47.6 | 31.6 | 4.5 | 42.9 | 29.7 | 5.1 |
| | 80 | 72 | 63.7 | 30.0 | 2.9 | 61.4 | 28.4 | 3.2 | 58.5 | 26.7 | 3.6 | 54.9 | 25.0 | 4.1 | 50.8 | 23.2 | 4.6 | 46.0 | 21.3 | 5.1 |
| | 75 | 62 | 52.4 | 37.3 | 2.8 | 50.1 | 35.6 | 3.1 | 47.1 | 33.9 | 3.4 | 43.6 | 32.2 | 3.8 | 39.5 | 30.4 | 4.3 | 34.7 | 28.6 | 4.9 |
| 1600 | 80 | 62 | 50.6 | 44.9 | 2.9 | 48.3 | 43.2 | 3.2 | 45.4 | 41.5 | 3.6 | 41.9 | 39.8 | 4.0 | 37.7 | 37.7 | 4.5 | 33.0 | 33.0 | 5.1 |
| | 80 | 67 | 57.0 | 39.1 | 2.9 | 54.7 | 37.5 | 3.3 | 51.8 | 35.8 | 3.7 | 48.3 | 34.0 | 4.1 | 44.1 | 32.2 | 4.6 | 39.4 | 30.4 | 5.1 |
| | 80 | 72 | 60.2 | 30.7 | 3.0 | 57.9 | 29.1 | 3.3 | 55.0 | 27.4 | 3.7 | 51.5 | 25.6 | 4.1 | 47.3 | 23.8 | 4.6 | 42.5 | 22.0 | 5.1 |
| | 75 | 62 | 48.9 | 37.9 | 2.9 | 46.6 | 36.3 | 3.2 | 43.7 | 34.6 | 3.5 | 40.1 | 32.9 | 4.0 | 36.0 | 31.1 | 4.5 | 31.2 | 29.2 | 5.1 |
| 1750 | 80 | 62 | 51.2 | 45.8 | 3.0 | 48.9 | 44.2 | 3.4 | 46.0 | 42.5 | 3.7 | 42.5 | 40.8 | 4.2 | 38.3 | 38.3 | 4.7 | 33.6 | 33.6 | 5.2 |
| | 80 | 67 | 57.6 | 40.1 | 3.1 | 55.3 | 38.4 | 3.4 | 52.4 | 36.8 | 3.8 | 48.9 | 35.0 | 4.2 | 44.7 | 33.2 | 4.7 | 40.0 | 31.4 | 5.3 |
| | 80 | 72 | 60.8 | 31.7 | 3.1 | 58.5 | 30.1 | 3.4 | 55.6 | 28.4 | 3.8 | 52.1 | 26.6 | 4.3 | 47.9 | 24.8 | 4.7 | 43.1 | 23.0 | 5.3 |
| | 75 | 62 | 49.5 | 38.9 | 3.1 | 47.2 | 37.3 | 3.3 | 44.3 | 35.6 | 3.7 | 40.7 | 33.8 | 4.1 | 36.6 | 32.0 | 4.6 | 31.8 | 30.2 | 5.2 |

PPA3RD060KA

| O.D.T. | | | 65°F | | | 75°F | | | 85°F | | | 95°F | | | 105°F | | | 115°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. |
| 1650 | 80 | 62 | 58.7 | 47.2 | 3.4 | 55.7 | 45.8 | 3.8 | 52.1 | 44.1 | 4.2 | 48.1 | 42.0 | 4.7 | 43.5 | 39.5 | 5.3 | 38.4 | 36.6 | 5.9 |
| | 80 | 67 | 64.4 | 39.7 | 3.5 | 61.4 | 38.4 | 3.9 | 57.9 | 36.7 | 4.3 | 53.8 | 34.6 | 4.8 | 49.2 | 32.1 | 5.4 | 44.1 | 29.2 | 6.0 |
| | 80 | 72 | 68.3 | 32.2 | 3.6 | 65.3 | 30.8 | 3.9 | 61.8 | 29.1 | 4.4 | 57.7 | 27.0 | 4.9 | 53.1 | 24.5 | 5.4 | 48.0 | 21.7 | 6.1 |
| | 75 | 62 | 56.5 | 41.9 | 3.4 | 53.5 | 40.6 | 3.7 | 50.0 | 38.9 | 4.2 | 45.9 | 36.8 | 4.7 | 41.3 | 34.3 | 5.2 | 36.2 | 31.4 | 5.9 |
| 1800 | 80 | 62 | 59.0 | 49.4 | 3.6 | 55.9 | 48.1 | 3.9 | 52.4 | 46.3 | 4.4 | 48.4 | 44.2 | 4.9 | 43.8 | 41.7 | 5.4 | 38.7 | 38.7 | 6.1 |
| | 80 | 67 | 64.7 | 41.9 | 3.7 | 61.7 | 40.6 | 4.0 | 58.1 | 38.9 | 4.4 | 54.1 | 36.8 | 4.9 | 49.5 | 34.3 | 5.5 | 44.4 | 31.4 | 6.2 |
| | 80 | 72 | 68.6 | 34.4 | 3.7 | 65.6 | 33.1 | 4.1 | 62.0 | 31.4 | 4.5 | 58.0 | 29.3 | 5.0 | 53.4 | 26.8 | 5.6 | 48.3 | 23.9 | 6.2 |
| | 75 | 62 | 56.8 | 44.2 | 3.5 | 53.8 | 42.8 | 3.9 | 50.3 | 41.1 | 4.3 | 46.2 | 39.0 | 4.8 | 41.6 | 36.5 | 5.4 | 36.5 | 33.6 | 6.0 |
| 1950 | 80 | 62 | 59.7 | 48.9 | 3.7 | 56.6 | 47.6 | 4.0 | 53.1 | 45.9 | 4.5 | 49.1 | 43.8 | 5.0 | 44.5 | 41.3 | 5.5 | 39.4 | 38.4 | 6.2 |
| | 80 | 67 | 65.4 | 41.5 | 3.8 | 62.4 | 40.1 | 4.1 | 58.9 | 38.4 | 4.5 | 54.8 | 36.3 | 5.1 | 50.2 | 33.8 | 5.6 | 45.1 | 30.9 | 6.3 |
| | 80 | 72 | 69.3 | 33.9 | 3.9 | 66.3 | 32.6 | 4.2 | 62.8 | 30.9 | 4.6 | 58.7 | 28.8 | 5.1 | 54.1 | 26.3 | 5.7 | 49.0 | 23.4 | 6.4 |
| | 75 | 62 | 57.5 | 43.7 | 3.7 | 54.5 | 42.3 | 4.0 | 51.0 | 40.6 | 4.4 | 46.9 | 38.5 | 4.9 | 42.3 | 36.0 | 5.5 | 37.2 | 33.2 | 6.2 |



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