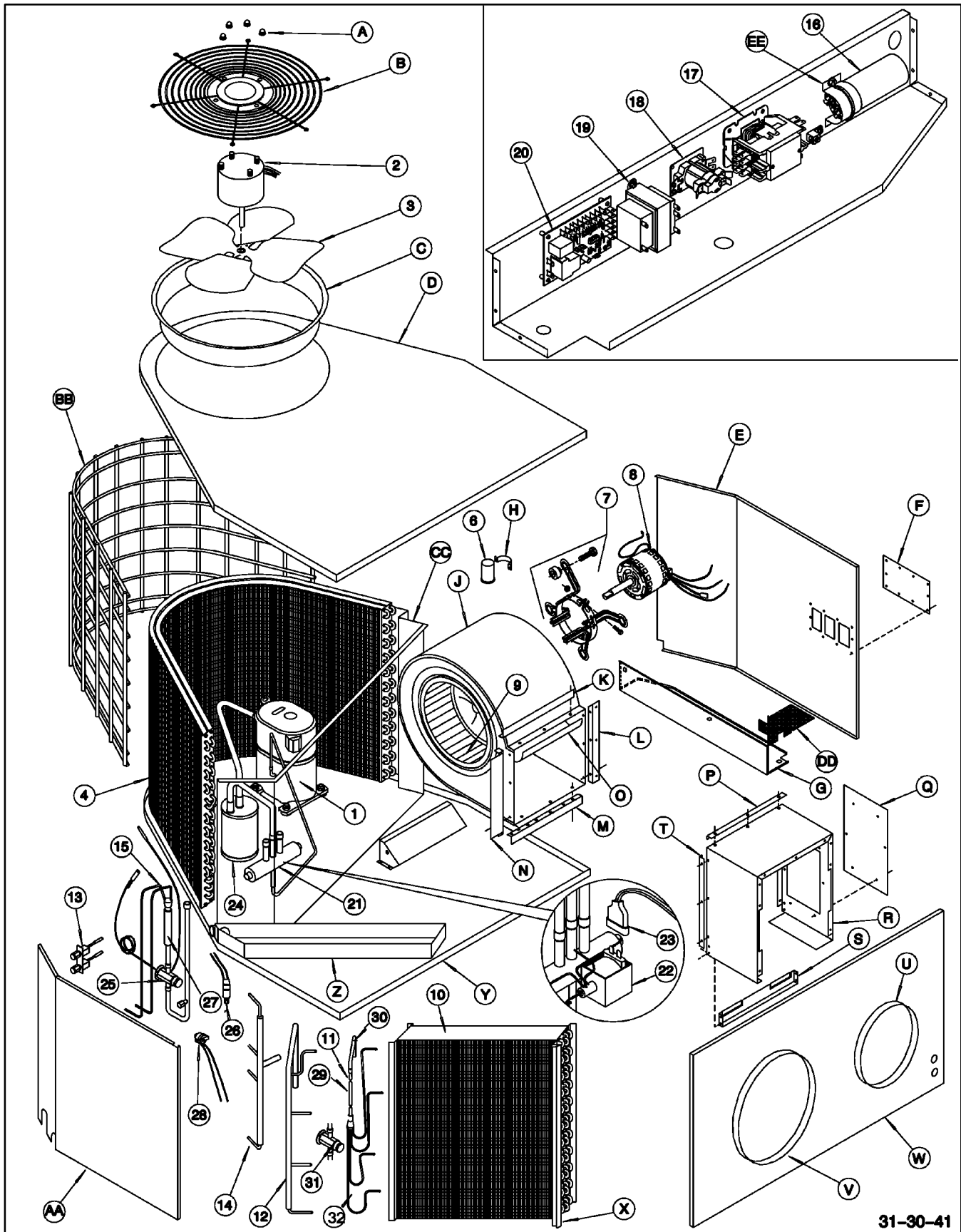


PH55 / PYPA SERIES HEAT PUMPS - Three Phase

Parts List, Wiring Diagram, & Tech Labels

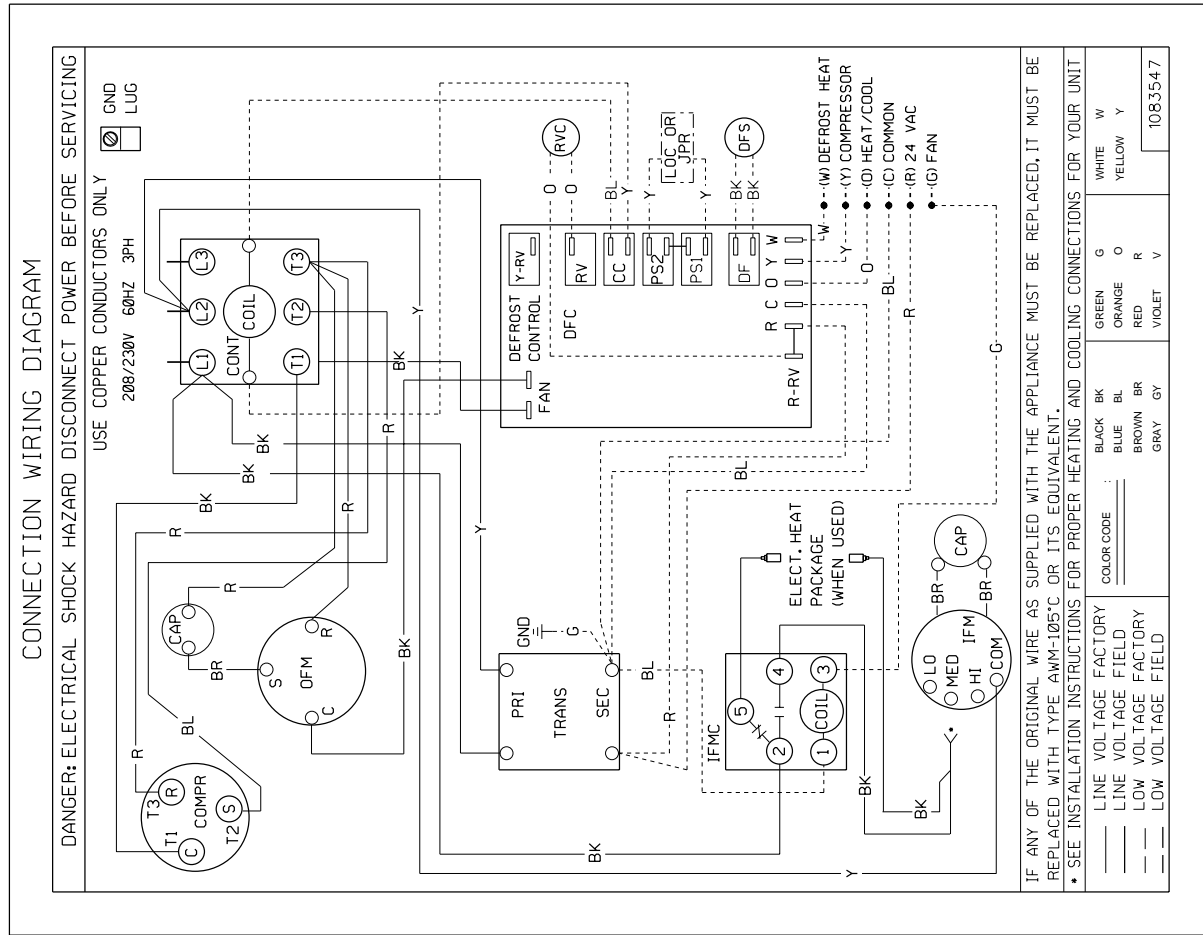


PH5536AHA2/PYPA36HA2, PH5548AHA2/PYPA48HA2, PH5560AHA2/PYPA60HA2

| | DESCRIPTION | PART NO. | 36 | 48 | 60 |
|----|-------------------------------|-----------|----|----|----|
| 1 | Compressor, CR35K6TF5 | 1083697 | 1 | | |
| 1 | ZR45KCTF5 | 1084532 | - | 1 | |
| 1 | ZR57K3TF5 | 1084539 | - | - | 1 |
| 2 | Motor, Condenser | 1082492 | 1 | 1 | |
| 2 | | 1082070 | - | - | 1 |
| 3 | Fan Blade, Condenser | 1080790 | 1 | 1 | 1 |
| 4 | Condenser Coil Assembly | 1081263 | 1 | | |
| 4 | | 1081264 | - | 1 | |
| 4 | | 1082372 | - | - | 1 |
| 6 | Capacitor, 5 / 370V | 1094954 | 1 | | |
| 6 | 20 / 370V | 1094961 | - | 1 | 1 |
| 7 | Mount, Blower Motor Kit | 609227 | 1 | 1 | |
| 7 | | 522020024 | - | - | 1 |
| 8 | Motor, Blower | 1081399 | 1 | | |
| 8 | | 1081194 | - | 1 | |
| 8 | | 1082177 | - | - | 1 |
| 9 | Wheel, Blower | 706038 | 1 | | |
| 9 | | 1082068 | - | 1 | |
| 9 | | 1082069 | - | - | 1 |
| 10 | Evaporator Coil | 1081289 | 1 | | |
| 10 | | 1081291 | - | 1 | |
| 10 | | 1082336 | - | - | 1 |
| 11 | Distributor, 4 hole | 1065884 | 1 | | |
| 11 | 6 hole | 1063218 | - | 1 | 1 |
| 12 | Manifold (Evap) | 1081156 | 1 | | |
| 12 | | 1081157 | - | 1 | |
| 12 | | 1082710 | - | - | 1 |
| 13 | Port Asy, Test | 1083656 | 1 | 1 | 1 |
| 14 | Manifold (Cond) | 1081277 | 1 | | |
| 14 | | 1081278 | - | 1 | |
| 14 | | 1082373 | - | - | 1 |
| 15 | Distributor Asy | 1081280 | 1 | | |
| 15 | | 1081281 | - | 1 | |
| 15 | | 1083417 | - | - | 1 |
| 16 | Capacitor, 5 / 370V | 1094954 | 1 | 1 | |
| 16 | 7.5 / 370V | 1094239 | - | - | 1 |
| 17 | Contactora, 30 Amp | 1149656 | 1 | 1 | 1 |
| 18 | Sequencer | 1054372 | 1 | 1 | 1 |
| 19 | Transformer | 1056899 | 1 | 1 | 1 |
| 20 | Control, Defrost | 1069364 | 1 | 1 | 1 |
| 21 | Valve, Reversing W/Coil | 1095320 | 1 | | |
| 21 | | 1095319 | - | 1 | 1 |
| 22 | Coil, Rev. Valve (24v) | 34329055 | 1 | 1 | 1 |
| 23 | Harness, Rev. Valve | 1066711 | 1 | 1 | 1 |
| 24 | Accumulator | 1053427 | 1 | | |
| 24 | | 1053428 | - | 1 | 1 |
| 25 | Valve, Expansion | 1082032 | 1 | | |
| 25 | | 1082034 | - | 1 | |
| 25 | | 1083407 | - | - | 1 |
| 26 | Switch, Low Pressure | 1082129 | - | 1 | 1 |
| 27 | Tube W/Strainer (Cond) | 1068116 | 1 | 1 | 1 |
| 28 | Sensor, Defrost | 1082065 | 1 | 1 | 1 |
| 29 | Restrictor, Flow Control .069 | 1082045 | 1 | | |
| 29 | .081 | 1082047 | - | 1 | |
| 30 | Tube W/Strainer (Evap) | 1083529 | - | - | 1 |
| 31 | Valve, Expansion (Evap) | 1082295 | - | - | 1 |
| 32 | Tube W/Strainer | 1068116 | - | - | 1 |
| 33 | Plug, Compressor Harness | 1083654 | 1 | 1 | 1 |

| | DESCRIPTION | PART NO. | 36 | 48 | 60 |
|----|--------------------------|-----------|----|----|----|
| A | Nut, Cap | 1067902 | 4 | 4 | 4 |
| AA | Panel, Side (Evap) | 1081102 | 1 | 1 | 1 |
| B | Grille, Top | 1064541 | 1 | 1 | |
| B | | 1072868 | - | - | 1 |
| BB | Grille, Inlet | 1081378 | 1 | 1 | 1 |
| C | Orifice, Condenser Fan | 1065724 | 1 | 1 | 1 |
| CC | Panel, Center | 1097343 | 1 | 1 | 1 |
| D | Panel, Top | 1068344 | 1 | 1 | 1 |
| DD | Partition, Low Voltage | 1082051 | 1 | 1 | 1 |
| E | Panel, Side (Blower) | 1081103 | 1 | 1 | 1 |
| EE | Clamp, Capacitor | 1095020 | 1 | 1 | 1 |
| F | Cover, Side (Blower) | 1081375 | 1 | 1 | 1 |
| G | Box, Control | 1081220 | 1 | 1 | 1 |
| H | Clamp, Capacitor | 1095020 | 1 | | |
| H | | 1095022 | - | 1 | 1 |
| J | Housing, Blower | 1081213 | 1 | 1 | |
| J | | 1082149 | - | - | 1 |
| K | Bracket, Blower Mounting | 1081116 | 1 | 1 | |
| L | Bracket, Blower Mounting | 1081119 | 1 | 1 | |
| M | Bracket, Blower MOUNTING | 1081117 | 1 | 1 | |
| N | Bracket, Blower Mounting | 1081118 | 1 | 1 | |
| O | Panel, Blower Cutoff | 721020013 | 1 | 1 | |
| O | | 1082176 | - | - | 1 |
| P | Bracket, Heater Box | 1081114 | 1 | 1 | 1 |
| Q | Plate, Heater Cover | 1083655 | 1 | 1 | 1 |
| R | Box, Heater | 1081111 | 1 | 1 | 1 |
| S | Bracket, Heater Box | 1081112 | 1 | 1 | 1 |
| T | Bracket, Heater Box | 1081113 | 1 | 1 | |
| T | | 1082179 | - | - | 1 |
| U | Ring, Air Duct 12" | 1066734 | 1 | 1 | 1 |
| V | Ring, Air Duct 14" | 1066735 | 1 | 1 | 1 |
| W | Panel, Rear | 1081101 | 1 | 1 | 1 |
| X | Bracket, Evap Coil | 1081110 | 1 | 1 | 1 |
| Y | Panel, Base | 1081100 | 1 | 1 | 1 |
| Z | Pan, Drain | 1081120 | 1 | 1 | 1 |
| | Manual, Parts List | 427041004 | 1 | 1 | 1 |
| | Manual, Installation | 427011002 | 1 | 1 | 1 |

Wiring Diagram for all Units



3 TON TECH LABEL

| Style No: 3 Ton Pkg Heat Pump / 3 Ph | | Outdoor Ambient Temperature - Degrees F. Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|------------------|---|------|------|-------|-------|------|------|------|---|-------|------|------|------|-------|-------|------|------|------|-------|-------|------|------|------|-------|-------|------|------|------|-----|----|------|------|------|------|------|------|------|------|-----|----|------|------|------|------|------|------|------|------|-----|----|------|------|------|------|------|------|------|------|-----|----|------|------|------|------|------|------|------|------|-----|----|------|------|------|------|------|------|------|------|-----|----|------|------|------|------|------|------|------|------|-----|----|------|------|------|------|------|------|------|------|-----|----|------|------|------|-----|------|-----|-----|-----|-----|----|------|------|------|-----|------|-----|-----|-----|-----|----|------|------|------|-----|------|-----|-----|-----|-----|----|------|------|------|-----|------|-----|-----|-----|-----|----|------|------|------|-----|------|-----|-----|-----|-----|----|------|-----|------|-----|------|-----|-----|-----|-----|----|------|-----|------|-----|------|-----|-----|-----|-----|----|-----|-----|------|-----|------|-----|-----|-----|-----|----|
| Voltage 208 / 230 | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phase/Cycles 3 | | Entering Indoor Temperature - Degrees F. Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ampacity 19.5 | | 59 | | | | 63 | | | | 67 | | | | 71 | | | | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire Ga/Length | NEC | MBh | S/T | AMPS | HI PR | LO PR | MBh | S/T | AMPS | HI PR | LO PR | MBh | S/T | AMPS | HI PR | LO PR | MBh | S/T | AMPS | HI PR | LO PR | MBh | S/T | AMPS | HI PR | LO PR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delay Fuse | 25 | 32.1 | 0.88 | 11.4 | 190 | 62 | 33.1 | 0.79 | 11.6 | 204 | 66 | 35.8 | 0.60 | 11.9 | 215 | 73 | 38.4 | 0.38 | 12.2 | 225 | 77 | 31.4 | 0.90 | 12.1 | 216 | 65 | 32.3 | 0.81 | 12.3 | 232 | 69 | 35.0 | 0.61 | 12.6 | 245 | 75 | 37.5 | 0.39 | 13.0 | 255 | 80 | 30.6 | 0.93 | 12.7 | 246 | 68 | 31.5 | 0.83 | 13.3 | 264 | 73 | 34.1 | 0.63 | 13.7 | 279 | 79 | 36.6 | 0.41 | 14.4 | 291 | 84 | 29.1 | 0.97 | 13.4 | 276 | 71 | 29.9 | 0.86 | 14.0 | 297 | 76 | 32.4 | 0.65 | 14.5 | 314 | 81 | 34.8 | 0.42 | 15.1 | 327 | 88 | 26.9 | 0.98 | 14.6 | 305 | 74 | 27.7 | 0.87 | 15.1 | 328 | 79 | 30.0 | 0.66 | 15.1 | 347 | 86 | 32.2 | 0.42 | 15.1 | 362 | 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Fuse/HACR | 25 | 32.7 | 0.97 | 11.5 | 191 | 63 | 33.4 | 0.91 | 11.7 | 206 | 67 | 35.7 | 0.74 | 12.0 | 218 | 73 | 38.2 | 0.55 | 12.3 | 227 | 77 | 31.9 | 0.99 | 12.2 | 218 | 66 | 32.6 | 0.93 | 12.4 | 234 | 70 | 34.9 | 0.76 | 12.7 | 248 | 76 | 37.3 | 0.56 | 13.1 | 258 | 81 | 31.1 | 1.00 | 13.4 | 279 | 69 | 31.8 | 0.96 | 14.1 | 294 | 73 | 34.0 | 0.78 | 14.5 | 317 | 79 | 36.3 | 0.58 | 15.2 | 329 | 85 | 29.6 | 1.00 | 14.7 | 308 | 72 | 30.2 | 0.99 | 15.2 | 332 | 77 | 32.3 | 0.81 | 15.2 | 350 | 84 | 34.5 | 0.61 | 15.2 | 365 | 89 | 27.4 | 1.00 | 14.7 | 308 | 75 | 28.0 | 1.00 | 14.7 | 325 | 79 | 29.9 | 0.82 | 15.2 | 350 | 87 | 32.0 | 0.61 | 15.2 | 365 | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Compressor | COPELAND | Cond & Evap | | Cond | | Evap | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RLA | 10.3 | 33.3 | 1.00 | 11.6 | 193 | 64 | 33.9 | 0.98 | 11.8 | 208 | 68 | 35.5 | 0.88 | 12.0 | 220 | 74 | 37.9 | 0.72 | 12.4 | 229 | 79 | 32.5 | 1.00 | 12.3 | 220 | 66 | 33.1 | 0.97 | 12.5 | 237 | 70 | 34.7 | 0.90 | 12.8 | 250 | 77 | 37.0 | 0.73 | 13.2 | 261 | 82 | 31.7 | 1.00 | 13.5 | 270 | 70 | 32.3 | 0.93 | 14.1 | 285 | 74 | 33.8 | 0.76 | 14.6 | 297 | 81 | 36.1 | 0.58 | 15.2 | 311 | 86 | 30.1 | 1.00 | 14.6 | 303 | 78 | 30.7 | 0.97 | 15.2 | 320 | 85 | 32.1 | 0.79 | 15.2 | 334 | 90 | 34.3 | 0.58 | 15.2 | 354 | 93 | 31.8 | 0.76 | 15.2 | 369 | 99 | 27.9 | 1.00 | 14.2 | 311 | 75 | 28.4 | 1.00 | 14.2 | 335 | 80 | 29.8 | 0.88 | 15.2 | 354 | 88 | 31.8 | 0.58 | 15.2 | 369 | 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LRA | 75 | Heating | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cap MFD/V | | IDB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CC Heater | | 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Start Kit | | 40.8 | 31.5 | 3.46 | 14.2 | 3.44 | 11.8 | 11.8 | 10.3 | 256 | 62 | 38.5 | 29.7 | 3.40 | 13.3 | 3.31 | 11.3 | 10.8 | 9.9 | 245 | 58 | 35.9 | 27.7 | 3.33 | 12.7 | 3.15 | 10.8 | 10.3 | 9.9 | 236 | 54 | 33.5 | 25.9 | 3.27 | 12.1 | 3.00 | 10.3 | 9.9 | 9.7 | 225 | 50 | 32.0 | 24.7 | 3.23 | 11.8 | 2.90 | 9.9 | 9.7 | 9.1 | 219 | 47 | 31.0 | 23.9 | 3.20 | 11.6 | 2.83 | 9.7 | 9.1 | 8.5 | 216 | 45 | 28.5 | 22.0 | 3.14 | 11.2 | 2.66 | 9.1 | 8.5 | 8.8 | 207 | 42 | 26.2 | 20.2 | 3.07 | 10.7 | 2.49 | 8.5 | 8.8 | 8.1 | 199 | 37 | 24.1 | 18.6 | 3.07 | 10.4 | 2.58 | 8.8 | 8.1 | 7.3 | 191 | 33 | 21.6 | 16.7 | 2.99 | 10.1 | 2.36 | 8.1 | 7.3 | 6.8 | 182 | 30 | 19.0 | 14.7 | 2.88 | 9.8 | 2.13 | 7.3 | 6.8 | 6.0 | 175 | 26 | 17.5 | 13.5 | 2.79 | 9.6 | 1.98 | 6.8 | 6.0 | 5.5 | 171 | 24 | 16.9 | 13.0 | 2.75 | 9.5 | 1.92 | 6.6 | 6.0 | 5.5 | 168 | 24 | 15.1 | 11.7 | 2.68 | 9.2 | 1.77 | 6.0 | 5.5 | 5.4 | 161 | 20 | 13.4 | 10.3 | 2.59 | 8.8 | 1.60 | 5.5 | 5.4 | 5.4 | 155 | 17 | 11.7 | 9.0 | 2.53 | 8.5 | 1.43 | 5.4 | 5.4 | 5.4 | 149 | 14 | 10.0 | 7.7 | 2.45 | 8.1 | 1.25 | 5.4 | 5.4 | 5.4 | 143 | 13 | 8.2 | 6.3 | 2.38 | 7.6 | 1.05 | 5.4 | 5.4 | 5.4 | 138 | 10 |
| PTCR | N/A | Air Delivery in CFM - Dry Coil (Add .08 static W/Internal Filters - Subtract 25 CFM for Wet Coil) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hi Press | N/A | 230 Volt External Static Pressure (Inch Water Column) | | | | | | | | 208 Volt External Static Pressure (Inch Water Column) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Low Press | N/A | Motor Speed | | | | | | | | Speed Tap | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Low Amb | N/A | 0.15 | | | | | | | | 0.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOC Press | N/A | 0.25 | | | | | | | | 0.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Defrost | Timed | 0.35 | | | | | | | | 0.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sensor | 31 / 51 | 0.45 | | | | | | | | 0.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating Chg | (R-22 Oz) 107 | 0.55 | | | | | | | | 0.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Driers | | 0.65 | | | | | | | | 0.65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Liquid/Chg | 16 Cu In / 11 oz | 0.75 | | | | | | | | 0.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Suction | 30 Sq In | HI | | | | | | | | HI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unit Weight | 356 | MD HI | | | | | | | | MD HI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | MD LO | | | | | | | | MD LO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | LO | | | | | | | | LO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Part No:
1083748

4 TON TECH LABEL

| Style No: | | 4 Ton Pkg Heat Pump / 3 Ph | | Outdoor Ambient Temperature - Degrees F. Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|----------------------------|--------|---|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|---|------|-------|------|------|------|---|------|------|------|--|------|------|------|----------|------|------|------|--|------|------|------|----------|------|------|------|-------------|
| Voltage | | 208 / 230 | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phase/Cycles | | 3 | | Entering Indoor Temperature - Degrees F. Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ampacity | | 27.8 | | 59 | | | | 63 | | | | 67 | | | | 71 | | | | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire Ga/Length | | NEC | | 59 | | | | 63 | | | | 67 | | | | 71 | | | | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delay Fuse | | 35 | | 59 | | | | 63 | | | | 67 | | | | 71 | | | | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Fuse/HACR | | 40 | | 59 | | | | 63 | | | | 67 | | | | 71 | | | | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Compressor | | COPELAND | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | IDB | | MBh | 42.5 | 43.8 | 47.4 | 50.9 | 41.5 | 42.7 | 46.3 | 49.7 | 40.5 | 41.7 | 45.1 | 48.4 | 38.5 | 39.6 | 42.9 | 46.0 | 35.6 | 36.7 | 39.7 | 42.6 |
| RLA | | 14.3 | | | | | | | | | | | | | | | | | | | | | | | | S/T | 0.89 | 0.80 | 0.60 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.98 | 0.88 | 0.66 | 0.43 | 0.99 | 0.88 | 0.67 | 0.43 |
| LRA | | 91 | | | | | | | | | | | | | | | | | | | | | | | | AMPS | 14.0 | 14.3 | 14.6 | 15.1 | 14.9 | 15.2 | 15.6 | 16.1 | 15.7 | 16.1 | 16.5 | 17.0 | 16.5 | 16.9 | 17.3 | 17.9 | 17.3 | 17.7 | 18.2 | 18.7 |
| Cap MFD/V | | 20 | | | | | | | | | | | | | | | | | | | | | | | | HI PR | 192 | 207 | 219 | 228 | 219 | 235 | 249 | 259 | 249 | 268 | 283 | 295 | 280 | 302 | 319 | 332 | 310 | 333 | 352 | 367 |
| CC Heater | | Start Kit | | 80 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | IDB | | MBh | 43.3 | 44.2 | 47.3 | 50.5 | 42.3 | 43.2 | 46.1 | 49.3 | 41.2 | 42.1 | 45.0 | 48.1 | 39.2 | 40.0 | 42.8 | 45.7 | 36.3 | 37.1 | 39.6 | 42.3 |
| LRA | | 13.2 | | | | | | | | | | | | | | | | | | | | | | | | S/T | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.94 | 0.77 | 0.57 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 1.00 | 0.82 | 0.61 | 1.00 | 1.00 | 0.83 | 0.62 |
| Cap MFD/V | | 20/370 | | | | | | | | | | | | | | | | | | | | | | | | AMPS | 14.1 | 14.4 | 14.7 | 15.2 | 15.1 | 15.3 | 15.7 | 16.2 | 15.9 | 16.2 | 16.6 | 17.1 | 16.7 | 17.0 | 17.5 | 18.0 | 17.5 | 17.8 | 18.3 | 18.9 |
| Start Kit | | 20/370 | | | | | | | | | | | | | | | | | | | | | | | | HI PR | 194 | 209 | 221 | 230 | 221 | 238 | 251 | 262 | 252 | 271 | 286 | 298 | 283 | 305 | 322 | 336 | 313 | 337 | 355 | 371 |
| Cond & Evap | | Cond | Evap | 85 | | | | 95 | | | | 105 | | | | 115 | | | | IDB | | MBh | 44.0 | 44.9 | 47.0 | 50.2 | 43.0 | 43.8 | 45.9 | 49.0 | 41.9 | 42.8 | 44.8 | 47.8 | 39.8 | 40.6 | 42.5 | 45.4 | 36.9 | 37.6 | 39.4 | 42.0 | | | | |
| Type | | Fan | Blower | | | | | | | | | | | | | | | | | | | S/T | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.94 | 0.77 | 1.00 | 1.00 | 0.98 | 0.80 | 1.00 | 1.00 | 0.99 | 0.80 | | | | |
| Size | | 20 | DD10-8 | | | | | | | | | | | | | | | | | | | AMPS | 14.2 | 14.5 | 14.8 | 15.3 | 15.2 | 15.4 | 15.9 | 16.3 | 16.0 | 16.3 | 16.7 | 17.2 | 16.8 | 17.1 | 17.6 | 18.1 | 17.6 | 18.0 | 18.4 | 19.0 | | | | |
| Motor-HP | | 1/3 | 1 | | | | | | | | | | | | | | | | | | | HI PR | 196 | 211 | 223 | 233 | 223 | 240 | 254 | 265 | 254 | 274 | 289 | 301 | 286 | 308 | 325 | 339 | 316 | 340 | 359 | 374 | | | | |
| Type | | PSC | PSC | 70 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | IDB | | MBh | 58.0 | 54.7 | 51.0 | 47.6 | 45.5 | 44.1 | 40.6 | 37.2 | 37.2 | 33.3 | 29.4 | 27.0 | 26.0 | 23.3 | 20.7 | 18.0 | 15.4 | 12.6 | | |
| FLA | | 1.3 | 6.3 | | | | | | | | | | | | | | | | | | | | | | | T/R | 33.5 | 31.6 | 29.5 | 27.6 | 26.3 | 25.5 | 23.5 | 21.5 | 21.5 | 19.3 | 17.0 | 15.6 | 15.0 | 13.5 | 12.0 | 10.4 | 8.9 | 7.3 | | |
| LRA | | 4.0 | 13.2 | | | | | | | | | | | | | | | | | | | | | | | KW | 4.61 | 4.52 | 4.44 | 4.35 | 4.30 | 4.26 | 4.18 | 4.09 | 3.99 | 3.90 | 3.82 | 3.77 | 3.73 | 3.65 | 3.56 | 3.48 | 3.39 | 3.31 | | |
| RPM | | 1120 | 1075 | | | | | | | | | | | | | | | | | | | | | | | AMPS | 17.7 | 16.6 | 15.8 | 15.0 | 14.6 | 14.4 | 13.8 | 13.2 | 12.8 | 12.4 | 11.9 | 11.7 | 11.6 | 11.2 | 10.7 | 10.2 | 9.7 | 9.1 | | |
| Cap MFD/V | | 5/370 | 20/370 | COP | 3.68 | 3.54 | 3.36 | 3.21 | 3.10 | 3.03 | 2.84 | 2.66 | 2.73 | 2.50 | 2.25 | 2.10 | 2.04 | 1.87 | 1.70 | 1.52 | 1.33 | 1.12 | | | | | | | | | | | | | | | | | | | | | | | | |
| PTCR | | N/A | | EER | 12.6 | 12.1 | 11.5 | 11.0 | 10.6 | 10.3 | 9.7 | 9.1 | 9.3 | 8.5 | 7.7 | 7.2 | 7.0 | 6.4 | 5.8 | 5.2 | 4.5 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hi Press | | N/A | | HI PR | 256 | 245 | 236 | 225 | 220 | 216 | 207 | 199 | 191 | 182 | 175 | 171 | 168 | 161 | 155 | 149 | 143 | 138 | | | | | | | | | | | | | | | | | | | | | | | | |
| Low Press | | N/A | | LO PR | 65 | 60 | 57 | 52 | 49 | 47 | 43 | 39 | 35 | 31 | 27 | 25 | 25 | 21 | 18 | 15 | 13 | 10 | | | | | | | | | | | | | | | | | | | | | | | | |
| Low Amb | | N/A | | Heating | | | | | | | | | | | | | | | | Outdoor Ambient Temperature - Degrees F. Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOC Press | | YES | | 70 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | IDB | | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 | | | |
| Defrost | | Timed | | | | | | | | | | | | | | | | | | | | | | | | Air Delivery in CFM - Dry Coil (Add .08 static W/Internal Filters - Subtract 25 CFM for Wet Coil) | | | | | | | | | | | | | | | | | | | | |
| Sensor | | 31 / 51 | | | | | | | | | | | | | | | | | | | | | | | | 230 Volt | | | | External Static Pressure (Inch Water Column) | | | | 208 Volt | | | | External Static Pressure (Inch Water Column) | | | | Part No: | | | | |
| Operating Chg | | (R-22 Oz) 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Motor Speed |
| Service Driers | | 30 Cu In / 17 oz | | 70 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | IDB | | HI | - | 1904 | 1822 | 1736 | 1635 | 1530 | 1411 | HI | - | 1618 | 1549 | 1476 | 1390 | 1301 | 1199 | | | | | |
| Liquid/Chg | | 30 Sq In | | | | | | | | | | | | | | | | | | | | | | | | MD HI | - | 1827 | 1759 | 1670 | 1572 | 1478 | 1377 | MD HI | - | 1553 | 1495 | 1420 | 1336 | 1256 | 1170 | | | | | |
| Suction | | 30 Sq In | | MD LO | - | 1707 | 1651 | 1577 | 1497 | 1417 | 1322 | MD LO | - | 1451 | 1403 | 1340 | 1272 | 1204 | 1124 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unit Weight | | 432 | | LO | - | - | - | - | - | - | - | LO | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | |

5 TON TECH LABEL

| Style No: | | 5 Ton Pkg Heat Pump / 3 Ph | | Outdoor Ambient Temperature - Degrees F. Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|----------------------------|--------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Voltage | | 208 / 230 | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phase/Cycles | | 3 | | Entering Indoor Temperature - Degrees F. Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ampacity | | 31.8 | | 59 | | | | 63 | | | | 67 | | | | 71 | | | | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire Ga/Length | | NEC | | 59 | | | | 63 | | | | 67 | | | | 71 | | | | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delay Fuse | | 40 | | 59 | | | | 63 | | | | 67 | | | | 71 | | | | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Fuse/HACR | | 50 | | 59 | | | | 63 | | | | 67 | | | | 71 | | | | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Compressor | | COPELAND | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | IDB | | MBh | 52.0 | 53.5 | 57.9 | 62.2 | 50.7 | 52.2 | 56.5 | 60.7 | 49.5 | 51.0 | 55.2 | 59.2 | 47.0 | 48.4 | 52.4 | 56.2 | 43.6 | 44.8 | 48.5 | 52.1 |
| RLA | | 19.3 | | | | | | | | | | | | | | | | | | | | | | | | S/T | 0.88 | 0.79 | 0.60 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.41 | 0.97 | 0.86 | 0.65 | 0.42 | 0.98 | 0.87 | 0.66 | 0.42 |
| LRA | | 123 | | | | | | | | | | | | | | | | | | | | | | | | AMPS | 18.6 | 18.9 | 19.4 | 19.9 | 19.8 | 20.2 | 20.7 | 21.3 | 20.9 | 21.3 | 21.8 | 22.5 | 21.9 | 22.4 | 23.0 | 23.7 | 23.0 | 23.4 | 24.1 | 24.9 |
| Cap MFD/V | | 20 | | | | | | | | | | | | | | | | | | | | | | | | HI PR | 213 | 229 | 242 | 252 | 242 | 260 | 275 | 286 | 275 | 296 | 313 | 326 | 310 | 333 | 352 | 367 | 342 | 368 | 389 | 406 |
| CC Heater | | Start Kit | | 80 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | IDB | | MBh | 52.9 | 54.1 | 57.8 | 61.7 | 51.6 | 52.8 | 56.4 | 60.3 | 50.4 | 51.5 | 55.0 | 58.8 | 47.9 | 48.9 | 52.3 | 55.9 | 44.3 | 45.3 | 48.4 | 51.7 |
| LRA | | 13 | | | | | | | | | | | | | | | | | | | | | | | | S/T | 0.97 | 0.91 | 0.74 | 0.55 | 0.99 | 0.93 | 0.76 | 0.56 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.99 | 0.81 | 0.61 | 1.00 | 1.00 | 0.82 | 0.61 |
| Cap MFD/V | | 20/370 | | | | | | | | | | | | | | | | | | | | | | | | AMPS | 18.7 | 19.0 | 19.5 | 20.1 | 19.9 | 20.3 | 20.9 | 21.5 | 21.0 | 21.4 | 22.0 | 22.7 | 22.1 | 22.5 | 23.1 | 23.9 | 23.2 | 23.6 | 24.3 | 25.0 |
| Start Kit | | 20/370 | | | | | | | | | | | | | | | | | | | | | | | | HI PR | 215 | 231 | 244 | 254 | 244 | 263 | 277 | 289 | 278 | 299 | 316 | 330 | 313 | 337 | 356 | 371 | 346 | 372 | 393 | 410 |
| Cond & Evap | | Cond | Evap | 85 | | | | 95 | | | | 105 | | | | 115 | | | | IDB | | MBh | 53.8 | 54.9 | 57.5 | 61.3 | 52.5 | 53.6 | 56.1 | 59.8 | 51.3 | 52.3 | 54.7 | 58.4 | 48.7 | 49.6 | 52.0 | 55.5 | 45.1 | 46.0 | 48.2 | 51.4 | | | | |
| Type | | Fan | Blower | | | | | | | | | | | | | | | | | | | S/T | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.97 | 0.79 | 1.00 | 1.00 | 0.98 | 0.79 | | | | |
| Size | | 20 | DD10-8 | | | | | | | | | | | | | | | | | | | AMPS | 18.8 | 19.2 | 19.7 | 20.2 | 20.1 | 20.5 | 21.0 | 21.6 | 21.2 | 21.6 | 22.2 | 22.8 | 22.3 | 22.7 | 23.3 | 24.1 | 23.3 | 23.8 | 24.5 | 25.2 | | | | |
| Motor-HP | | 1/3 | 1 | | | | | | | | | | | | | | | | | | | HI PR | 217 | 233 | 246 | 257 | 247 | 265 | 280 | 292 | 281 | 302 | 319 | 333 | 316 | 340 | 359 | 374 | 349 | 376 | 397 | 414 | | | | |
| Type | | PSC | PSC | 70 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | | IDB | | MBh | 76.4 | 72.1 | 67.3 | 62.8 | 60.0 | 58.1 | 53.5 | 49.1 | 46.9 | 42.0 | 37.0 | 34.0 | 32.7 | 29.4 | 26.0 | 22.7 | 19.4 | 15.9 | | |
| FLA | | 1.7 | 4.5 | | | | | | | | | | | | | | | | | | | | | | | T/R | 37.3 | 35.1 | 32.8 | 30.6 | 29.2 | 28.3 | 26.1 | 23.9 | 22.8 | 20.4 | 18.0 | 16.6 | 16.0 | 14.3 | 12.7 | 11.1 | 9.4 | 7.7 | | |
| LRA | | 5 | 13 | | | | | | | | | | | | | | | | | | | | | | | KW | 5.37 | 5.27 | 5.17 | 5.08 | 5.02 | 4.98 | 4.88 | 4.78 | 4.79 | 4.68 | 4.58 | 4.52 | 4.48 | 4.38 | 4.28 | 4.18 | 4.08 | 3.98 | | |
| RPM | | 1140 | 1075 | | | | | | | | | | | | | | | | | | | | | | | AMPS | 20.5 | 19.4 | 18.4 | 17.6 | 17.1 | 16.9 | 16.2 | 15.6 | 15.1 | 14.6 | 14.1 | 13.9 | 13.8 | 13.3 | 12.7 | 12.2 | 11.6 | 10.9 | | |
| Cap MFD/V | | 7.5/370 | 20/370 | COP | 4.16 | 4.00 | 3.80 | 3.62 | 3.50 | 3.42 | 3.21 | 3.00 | 2.87 | 2.62 | 2.36 | 2.20 | 2.14 | 1.96 | 1.78 | 1.59 | 1.39 | 1.17 | | | | | | | | | | | | | | | | | | | | | | | | |
| PTCR | | N/A | | EER | 14.2 | 13.7 | 13.0 | 12.4 | 12.0 | 11.7 | 11.0 | 10.3 | 9.8 | 9.0 | 8.1 | 7.5 | 7.3 | 6.7 | 6.1 | 5.4 | 4.8 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hi Press | | N/A | | HI PR | 236 | 226 | 217 | 208 | 203 | 199 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |