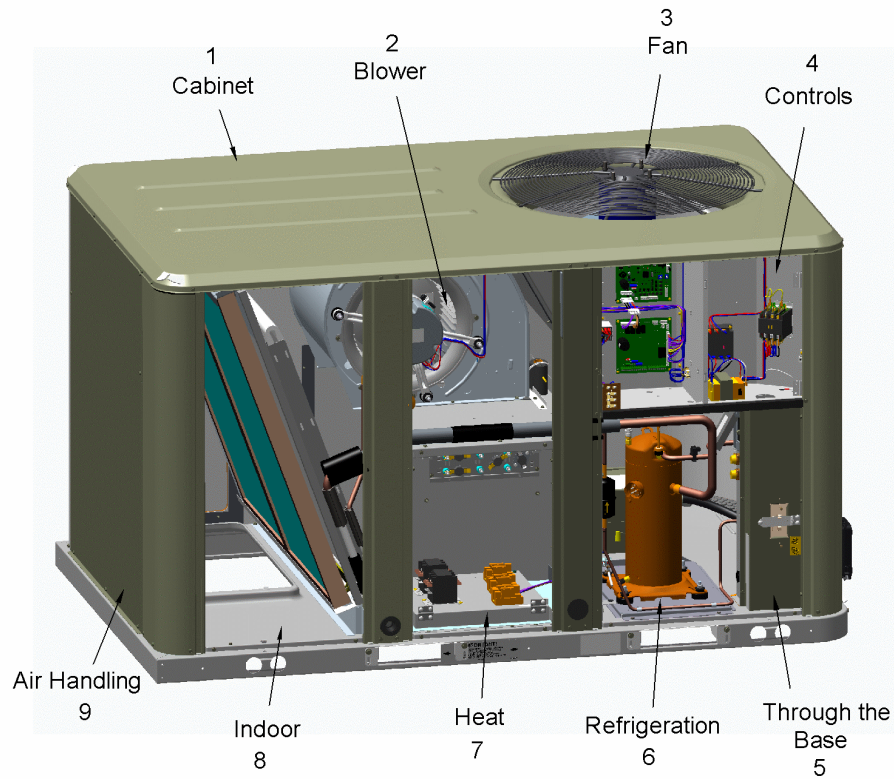


## PACKAGED COOLING / HEAT PUMP

75011213

REV.  
A

The sections that appear on this illustration are for all options.  
Sections and options will appear in the Parts List if ordered with the unit.



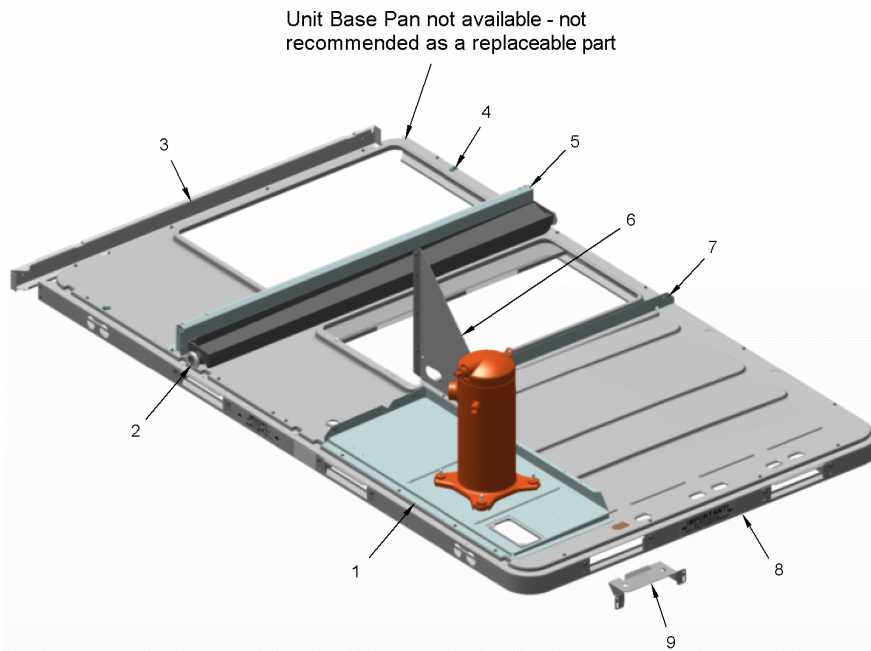
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                                    |
|----------|---------------|----------|------------------------------------------------|
| 75011721 | 1             |          | UNIT BASE COMPONENTS                           |
| 75011700 | 2             |          | BLOWER                                         |
| 75012186 | 2             |          | MIXED AIR SENSOR                               |
| 75011210 | 3             |          | FAN                                            |
| 75012190 | 4             |          | CONTROL PANEL                                  |
| 75010594 | 5             |          | THROUGH THE BASE ELECTRICAL                    |
| 75010620 | 6             |          | OUTDOOR AIR SENSOR                             |
| 75011725 | 6             |          | REFRIGERATION - COMPRESSOR, OUTDOOR COIL       |
| 75011713 | 7             |          | ELECTRIC HEAT VESTIBULE                        |
| 75011724 | 8             |          | INDOOR COIL / FILTERS                          |
| 75010609 | 9             |          | ECONOMIZER - REFERENCE ENTHALPY                |
| 75011851 | 10            |          | HARNESS - COMMON CONTROLS                      |
| 75011857 | 10            |          | HARNESS - CONTROLS WITH CTS                    |
| 75012171 | 10            |          | HARNESS - CONTROLS, 2 STAGE COMPRESSOR         |
| 75012174 | 10            |          | HARNESS - IDM ADAPTER, 575V TRANSFORMER        |
| 75011723 | 10            |          | HARNESS - OPTIONS                              |
| 75012198 | 10            |          | HARNESS - POWER & CONTROLS, DIRECT DRIVE MOTOR |
| 75011850 | 10            |          | HARNESS - POWER                                |
| 75011855 | 10            |          | TERMINAL BLOCK - CONTROLS (CTB)                |
| OPTIONS  | 11            |          | OPTIONAL FIELD INSTALLED ACCESSORIES           |
| 75011717 | 12            |          | MODEL NUMBER DESCRIPTION, DIGITS 1 - 17        |
| 75011718 | 12            |          | MODEL NUMBER DESCRIPTION, DIGITS 18 - 31       |
| 75011719 | 12            |          | MODEL NUMBER NOTES                             |

UNIT BASE COMPONENTS

75011721

REV.  
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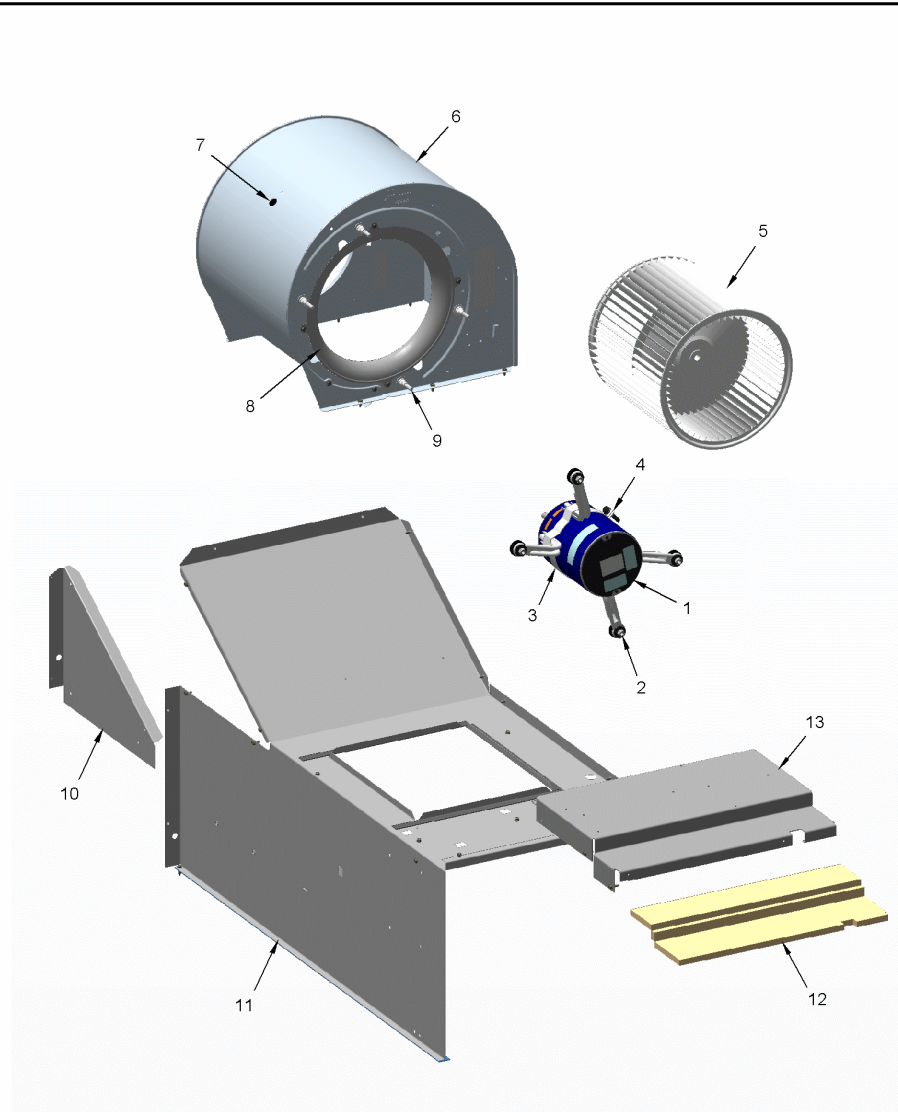
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                                                 |
|----------|---------------|----------|-------------------------------------------------------------|
| PLT03619 | 1             | 1        | PLATE; MOUNTING, COMPRESSOR, 34.56 X 14.30                  |
| RAL00878 | 3             | 1        | RAIL; END, 53 IN LENGTH                                     |
| CLP01008 | 4             | 2        | NO DESCRIPTION AVAILABLE                                    |
| SUP04486 | 5             | 1        | SUPPORT; INDOOR COIL, 51.6 INCH LENGTH                      |
| BRK03275 | 6             | 1        | BRACKET; COMPRESSOR SUPPORT (3 SIDES)                       |
| ANG01324 | 7             | 1        | ANGLE; TOGGLE LOCK, 51.00 X 1.80                            |
| RAL01211 | 8             | 1        | RAIL; BASE, C/D CABINET                                     |
| BRK03274 | 9             | 4        | BRACKET; BASE SUPPORT MOUNT, 10.3 LENGTH (FORKLIFT BRACKET) |

BLOWER

75011700

REV.  
A



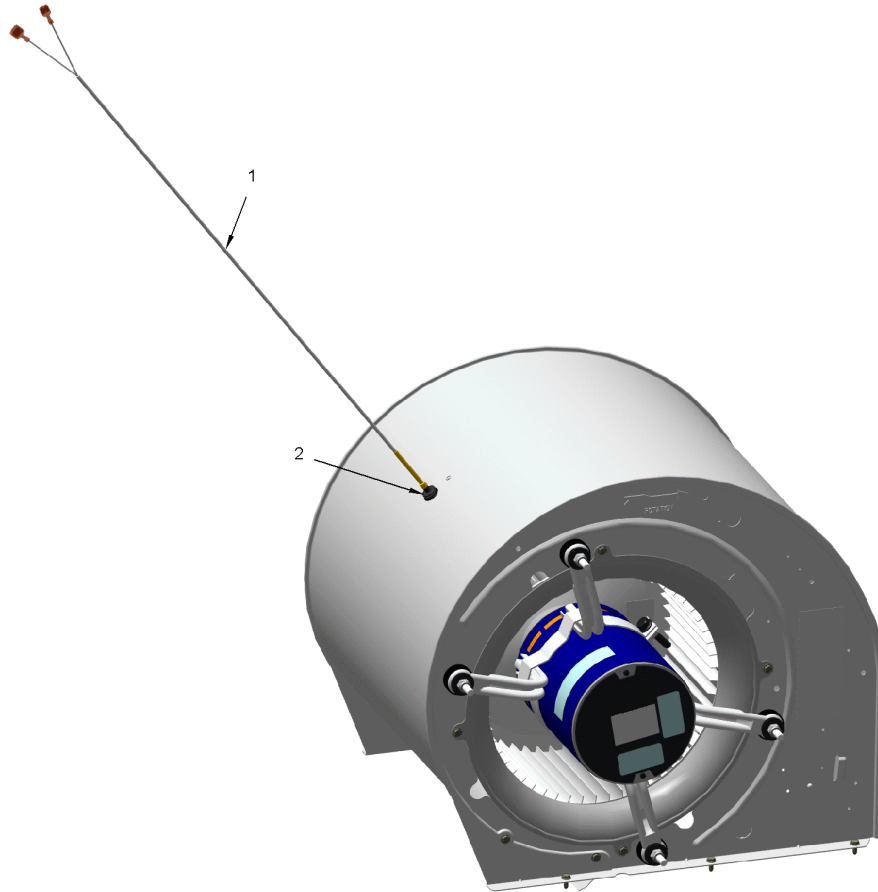
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                                                                                                |
|----------|---------------|----------|------------------------------------------------------------------------------------------------------------|
| MOT18318 | 1             | 1        | MOTOR; ECM, PROGRAMMED, 1.0 HP, 1050 RPM, 208-230/60/1, CW, 48 FRAME, BALL BEARING                         |
| BRK03657 | 2             | 4        | BRACKET; MOTOR ARM, INCLUDES GROMMET. (CONTAINS A QTY OF 4 BRACKETS)                                       |
| NUT00355 | 2             | 4        | NUT; HEX, LOCK, 5/16IN.-18                                                                                 |
| BRK03232 | 3             | 1        | BRACKET; MOTOR MOUNTING, 17.6 LENGTH (4 LEG)                                                               |
| NUT00446 | 4             | 1        | NUT; 0.31-18, HEX FLANGE-LOCK                                                                              |
| WHL02168 | 5             | 1        | WHEEL; FAN, 11.87 DIA X 11.93 W, .50 BORE, CCW, CONCAVE. INCLUDES 5/16-18 X 1/2 INCH SQH CUP PT SET SCREW. |
| HUS03676 | 6             | 1        | HOUSING; BLOWER, 11 X 11                                                                                   |
| BUS00485 | 7             | 1        | BUSHING; .62 MTG W/MAX .44 ID                                                                              |
| ORF01304 | 8             | 1        | ORIFICE; INLET RING, 10.38 ID                                                                              |
| NUT00668 | 9             | 4        | NUT; PALLET                                                                                                |
| PNL16806 | 10            | 1        | PANEL; BLOCKOFF-HEAT, 14.94 X 12.00 (TRIANGLE SHAPED)                                                      |
| PNL24265 | 11            | 1        | PANEL; WRAPPER, REAR, HEAT                                                                                 |
| INS03491 | 12            | 1        | INSULATION; WRAPPER FRONT                                                                                  |
| PNL22257 | 13            | 1        | PANEL; TOP FRONT, 19.75 X 14.59                                                                            |

MIXED AIR SENSOR

75012186

REV.  
A



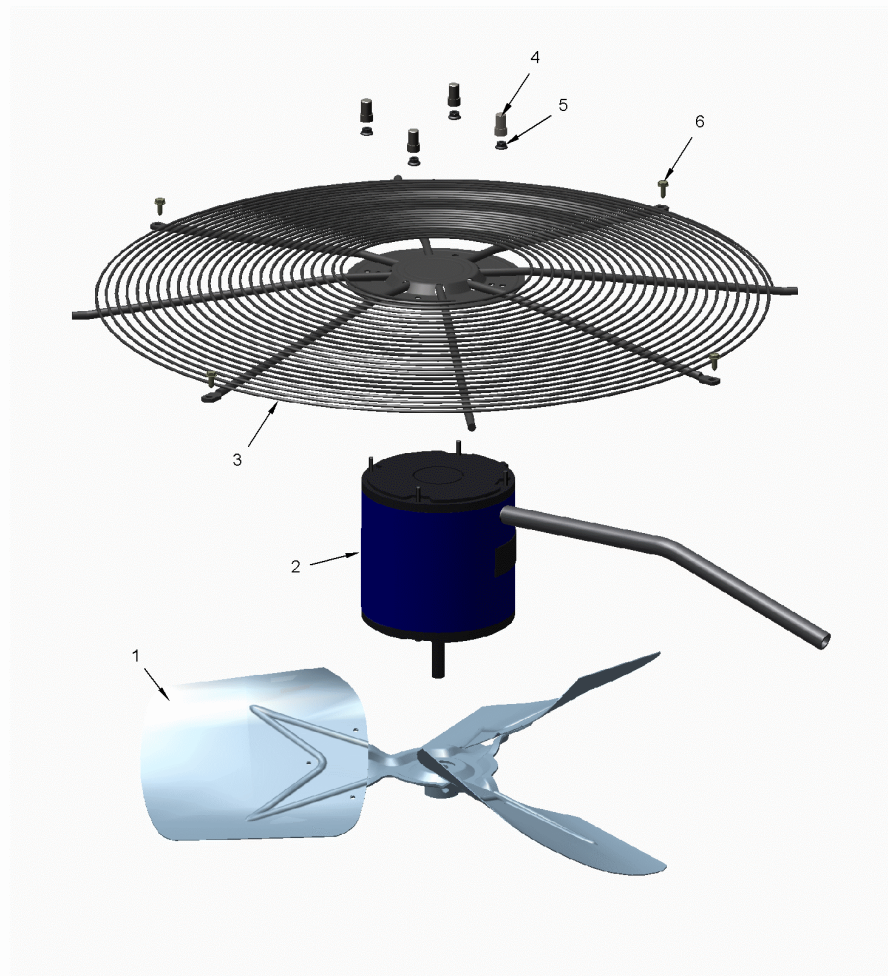
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                                                                         |
|----------|---------------|----------|-------------------------------------------------------------------------------------|
| SEN01829 | 1             | 1        | SENSOR; THERMISTOR PROBE, -40 TO 65C, .25 DIA X 1.75 LG<br>W/26" PVC LEADS-INSUL QC |
| GRM00039 | 2             | 1        | GROMMET; RUBBER .25 ID X .05 GRV MLD                                                |

FAN

75011210

REV.  
A



This is a typical illustration. The unit in the field may not appear exactly as shown.

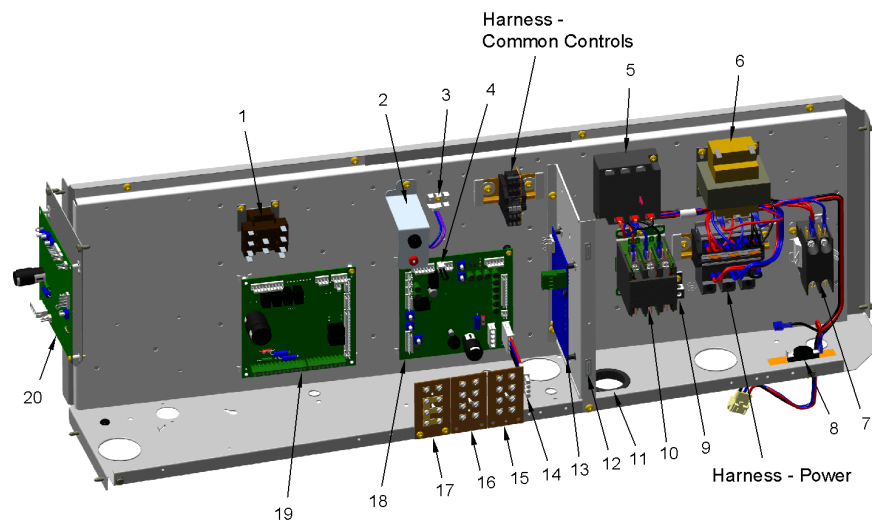
| Part No. | Reference No. | Quantity | Description                                                              |
|----------|---------------|----------|--------------------------------------------------------------------------|
| FAN03769 | 1             | 1        | FAN; 3 BLADE, 26 IN DIA, 22 DEG PITCH, CCW, 1/2 BORE                     |
| MOT17783 | 2             | 1        | MOTOR; 3 PHASE 0.4 HP HE 575/60/3                                        |
| GRL01353 | 3             | 1        | GRILLE; OUTDOOR FAN, 30.33 MTG DIA                                       |
| IRT00017 | 4             | 4        | INSERT; BUMPER-STOP, 0.468 OD X 0.81 LG, BLACK RUBBER                    |
| NUT00845 | 5             | 4        | NUT; FLANGE NIBBED                                                       |
| SCR01623 | 6             | 4        | SCREW; SHEET METAL, 10-16 UNC X 1/2, HIGH TORQUE, INDENT HEX-WASHER HEAD |

## CONTROL PANEL

75012190

REV.  
A

The Parts that appear on this illustration are for all options.  
Parts will appear in the Parts List if ordered with the unit.



This is a typical illustration. The unit in the field may not appear exactly as shown.

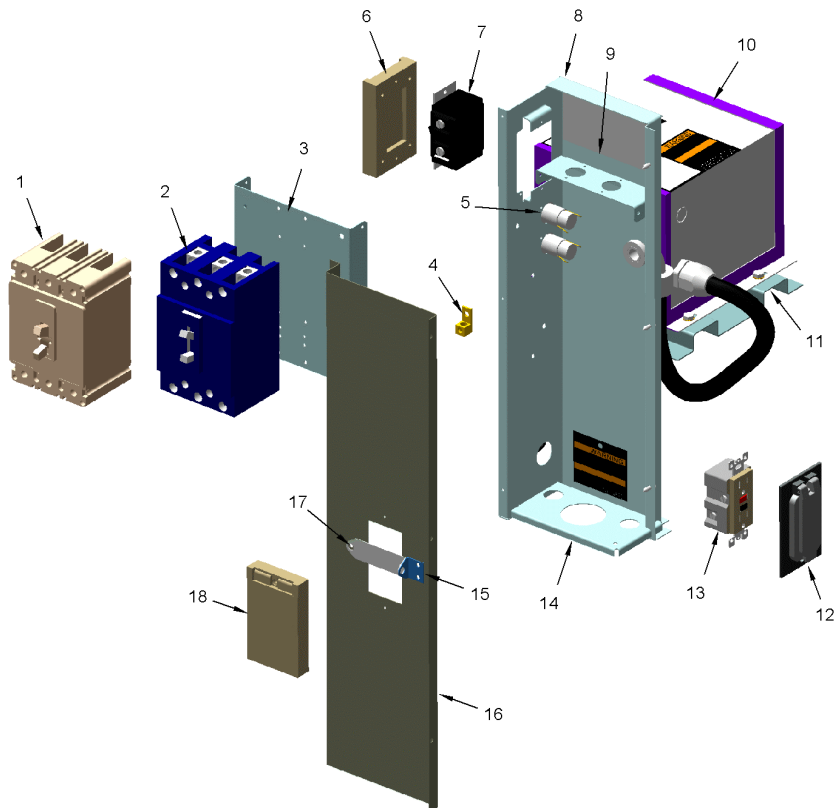
| Part No. | Reference No. | Quantity | Description                                                                    |
|----------|---------------|----------|--------------------------------------------------------------------------------|
| TER01680 | 3             | 1        | TERMINAL STRIP; .25IN. FASTON                                                  |
| CNT05176 | 5             | 1        | CONTROL; MONITOR, 3-PHASE LINE, UNIVERSAL 180-632 VAC, PHASE AND LOSS REVERSAL |
| TRR00826 | 6             | 1        | TRANSFORMER; 75 VA, 460-575V PRI, 24V SEC                                      |
| CTR01203 | 7             | 1        | CONTACTOR; 2P, 30A, 24V COIL, 30 FLA AT 277V                                   |
| CNT01405 | 8             | 1        | CONTROL; TEMP, OPEN 65F, CLOSE 55F, SPST                                       |
| CON00077 | 9             | 1        | CONNECTOR, ELECTRIC GROUND, 14-2 AWG SOLDERLESS                                |
| CTR01870 | 10            | 1        | CONTACTOR; 3 POLE, 30 FLA, W/O LUGS, 50/60 HZ, 24V COIL                        |
| BUS00338 | 11            | 1        | BUSHING; SNAP, 2.00 INCH OD X 1.63 ID, MAX PANEL THICKNESS 0.125, BLACK NYLON  |
| CAT00043 | 12            | 2        | CATCH; MAGNETIC SNAP-IN                                                        |
| BLK00940 | 17            | 1        | BLOCK; 6 TERMINALS (LVTB)                                                      |
| MOD02511 | 19            | 1        | MODULE; RELIATEL REFRIGERATION DUAL CIRCUIT COOL/HP                            |

CONTROLS  
THROUGH THE BASE  
TYPICAL ILLUSTRATION

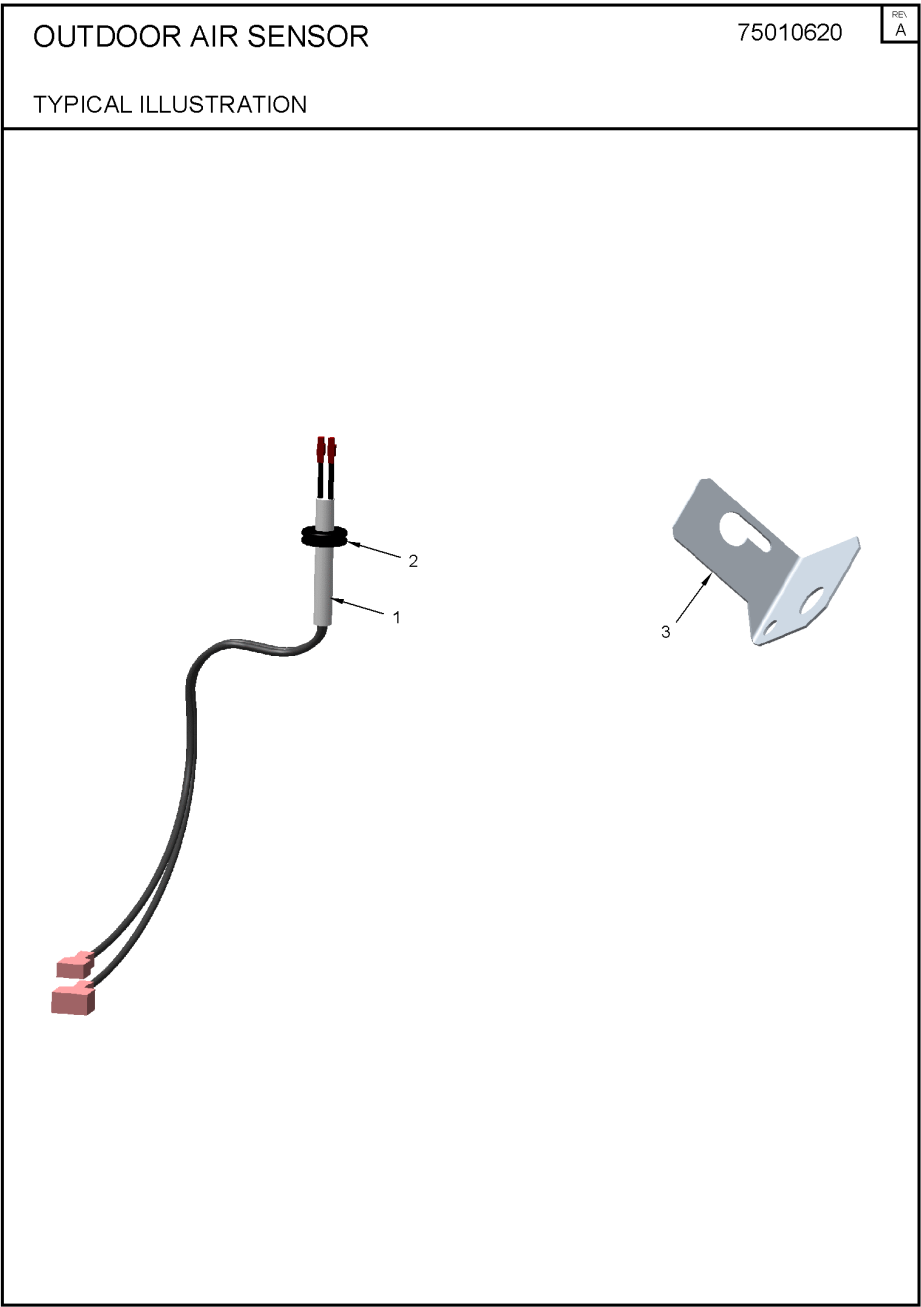
75010594

REV.  
A

The parts that appear on this illustration are for all options.  
Parts will appear in the Parts List if ordered with the unit.



| Part No. | Reference No. | Quantity | Description                                                           |
|----------|---------------|----------|-----------------------------------------------------------------------|
| BUS00465 | *             | 1        | BUSHING; SNAP, BLACK UNIVERSAL, 1.093 MOUNTING HOLE                   |
| CON00490 | *             | 1        | CONNECTOR; 0.50 NOM STR                                               |
| PNL14763 | 4             | 1        | PANEL; CONDUIT CONNECTION PLATE, TBUE, 6.41 X 3.33                    |
| FUS02239 | 5             | 2        | MIN=10/10 FUSE; TIME DELAY, CLASS CC, 5.6 AMPS, 600V                  |
| HLD00159 | 5             | 2        | HOLDER; FUSE                                                          |
| COV03834 | 6             | 1        | COVER; OUTLET, W/ HINGED LID AND GASKET                               |
| PNL24294 | 8             | 1        | PANEL; ENCLOSURE, TBUE, 24.40 HT                                      |
| BRK03707 | 9             | 1        | BRACKET; TRANSFORMER FUSE HOLDER, 5.51 X 1.80                         |
| TRR02551 | 10            | 1        | TRANSFORMER; AUTO, BALANCED, 575V PRI, 240V SEC, 60 HZ, 2KVA, CLASS 1 |
| MNT02194 | 11            | 1        | MOUNT; TRANSFORMER, TBUE, 14.43 X 10.33                               |
| PNL14757 | 16            | 1        | PANEL; TBUE ENCLOSURE, FRONT, 24.40 X 6.80                            |

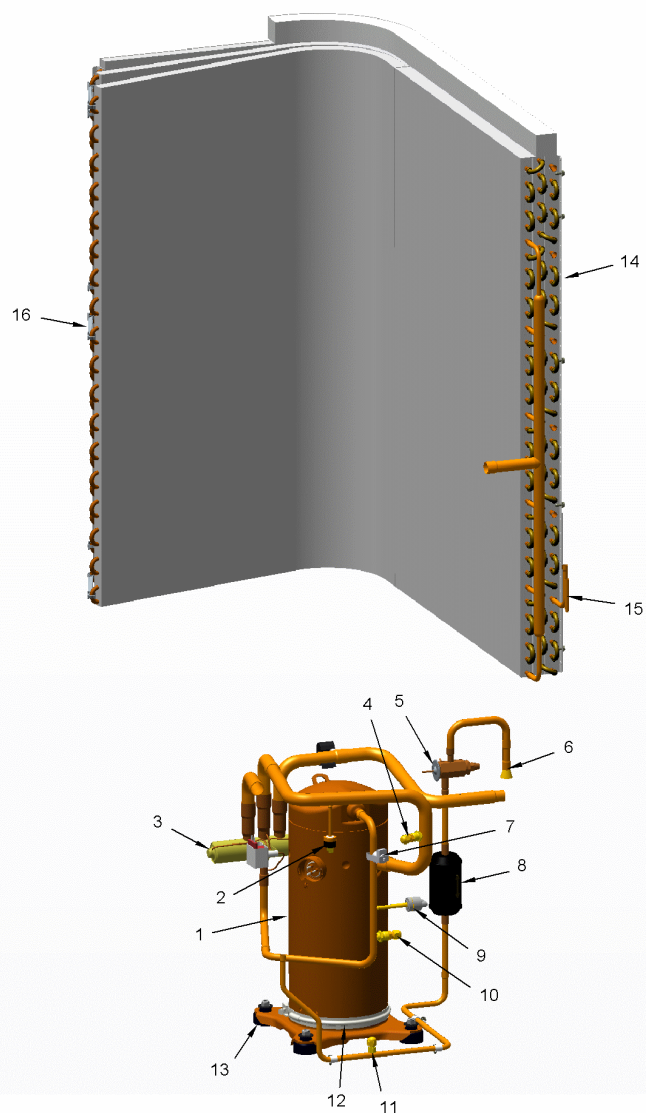


| Part No. | Reference No. | Quantity | Description                                                                      |
|----------|---------------|----------|----------------------------------------------------------------------------------|
| SCR01623 | *             | 4        | SCREW; SHEET METAL, 10-16 UNC X 1/2, HIGH TORQUE, INDENT HEX-WASHER HEAD         |
| SEN01829 | 1             | 1        | SENSOR; THERMISTOR PROBE, -40 TO 65C, .25 DIA X 1.75 LG W/26" PVC LEADS-INSUL QC |
| GRM00039 | 2             | 1        | GROMMET; RUBBER .25 ID X .05 GRV MLD                                             |
| BRK04441 | 3             | 1        | BRACKET; OUTDOOR AIR SENSOR                                                      |

## REFRIGERATION

75011725

REV.  
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This is a typical illustration. The unit in the field may not appear exactly as shown.

Parts List Number :WHCUP1

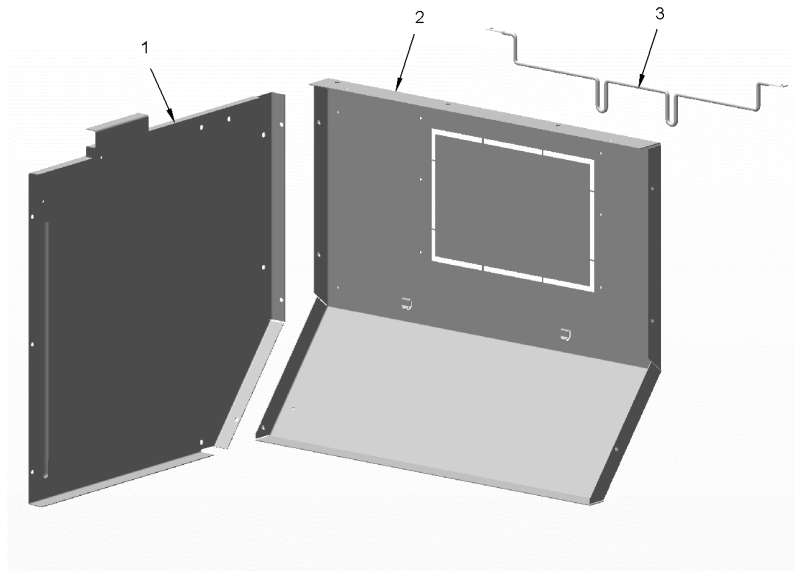
Model Number :WHC060HWR0A00E0

| Part No. | Reference No. | Quantity | Description                                                                                                                                            |
|----------|---------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| CLP00296 | *             | 1        | CLIP; TXV BULB, 7/8 INCH                                                                                                                               |
| PLU01302 | *             | 1        | PLUG; COMPRESSOR; 2 STAGE SOLENOID WITH RECTIFIER, 2 PIN, 20 AWG, 10 IN LENGTH, (2 WIRE-RD,BL)                                                         |
| COM12580 | 1             | 1        | COMPRESSOR; SCROLL - 2 STAGE, 5 TON, R410A, 575V                                                                                                       |
| SWT03173 | 2             | 1        | SWITCH; LOW PRESSURE CUTOUT, 250 OPEN, ACTUATION PRESSURE 41 +/- 4, RESET PRESSURE 25 +/- 4                                                            |
| VAL08359 | 3             | 1        | VALVE; REVERSING, 6 TON, .88 ODF X .63 ODF. INCLUDES 24V SOLENOID COIL - COL12849                                                                      |
| CAP00072 | 4             | 1        | CAP; VALVE, SEAL, .25 FFL                                                                                                                              |
| SET00819 | 4             | 1        | SEAT; SADDLE MOUNT ASSEMBLY                                                                                                                            |
| STM00803 | 4             | 1        | STEM; SADDLE MOUNT, VALVE CORE, BRASS, .344 DIA X 1.29 SCHRAEDER TYPE FITTING (TO INCLUDE 5 PIECES)                                                    |
| VAL18360 | 5             | 1        | VALVE; TEV HXCE 2 ZX200 R410A                                                                                                                          |
| TUB11765 | 6             | 1        | TUBE; ASSEMBLY, OUTDOOR DISTRIBUTOR                                                                                                                    |
| THT02805 | 7             | 1        | THERMOSTAT; WITH CLIP, .5/.625 TUBE, 38 IN, BLACK WIRES, SPST, 230F OPEN, 180F CLOSE                                                                   |
| DHY01451 | 8             | 1        | DRIER; BI-FLOW; SERVICE FIRST; 8 CU. IN; DCB083S, 3/8 ODF CONNECTIONS; 2.3 TON CAPACITY; APPROVED FOR MINERAL OIL AND POE OIL REFRIGERANTS; MANUFACTUR |
| SWT03398 | 9             | 1        | SWITCH; HIGH PRESSURE, BRAZED, OPENS AT 650 PSIG, CLOSES AT 550 PSIG, 36 INCH WHITE LEADS                                                              |
| CAP00072 | 10            | 1        | CAP; VALVE, SEAL, .25 FFL                                                                                                                              |
| SET00819 | 10            | 1        | SEAT; SADDLE MOUNT ASSEMBLY                                                                                                                            |
| STM00803 | 10            | 1        | STEM; SADDLE MOUNT, VALVE CORE, BRASS, .344 DIA X 1.29 SCHRAEDER TYPE FITTING (TO INCLUDE 5 PIECES)                                                    |
| CAP00072 | 11            | 1        | CAP; VALVE, SEAL, .25 FFL                                                                                                                              |
| COR00006 | 11            | 1        | CORE; VALVE PORT, .79 LENGTH, .206-36 UNS 2A THD                                                                                                       |
| VAL01483 | 11            | 1        | VALVE; BODY, .44-20 THD X .25 ODS, STRAIGHT, BRASS, LESS CORE                                                                                          |
| HTR10244 | 12            | 1        | HEATER; CRANKCASE, 40W, 575V, (32W AT 460V) 18AWG W/2 LEADS - ONE IS 65" LG W/ 1/4 INSUL FEMALE QC - ONE IS 65" LG W/ 1/4 UNINSUL FEMALE QC            |
| ISR00007 | 13            | 4        | ISOLATOR; VIBRATION                                                                                                                                    |
| NUT00355 | 13            | 4        | NUT; HEX, LOCK, 5/16IN.-18                                                                                                                             |
| HLD00255 | 15            | 1        | HOLDER; THERMISTOR                                                                                                                                     |
| KIT15254 | 16            | 6        | KIT; OUTDOOR COIL CLIPS, BLACK PLASTIC, 3.878 LENGTH (PACKAGE OF 6 CLIPS)                                                                              |

## ELECTRIC HEAT VESTIBULE

75011713

REV.  
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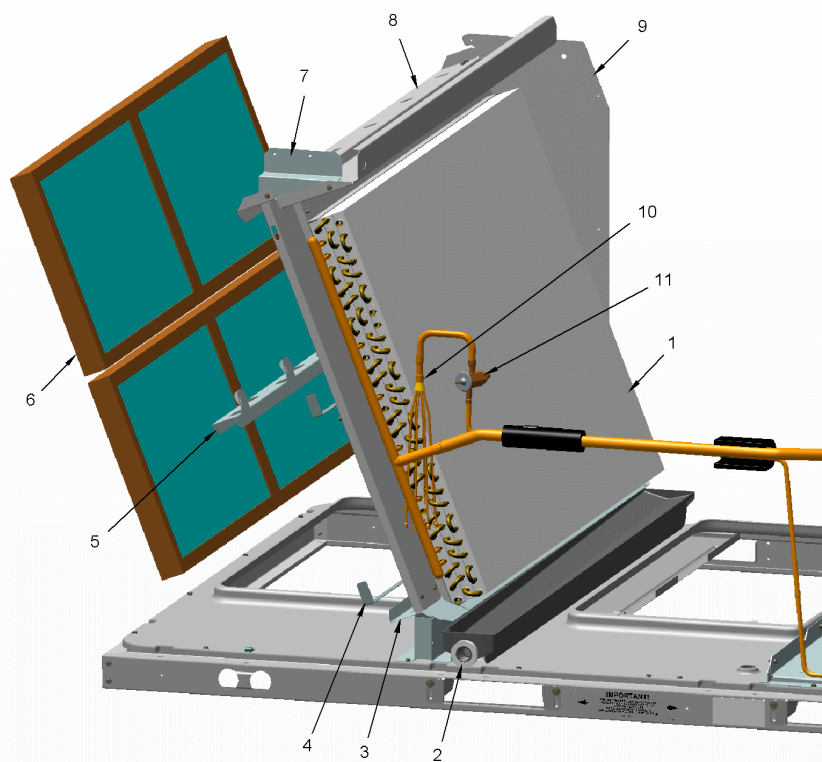
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                                                                             |
|----------|---------------|----------|-----------------------------------------------------------------------------------------|
| SCR01608 | *             | 9        | SCREW; 10-16 UNC X .75, SH MET, HX WASHER HD IDENT - TYPE AB, STL - MAGNIGARD SILVER 17 |
| SCR01623 | *             | 8        | SCREW; SHEET METAL, 10-16 UNC X 1/2, HIGH TORQUE, INDENT HEX-WASHER HEAD                |
| PNL24290 | 1             | 1        | PANEL; WRAPPER SIDE, ELECTRIC HEAT, 17.74 X 16.94                                       |
| PNL24289 | 2             | 1        | PANEL; VESTIBULE, ELECTRIC HEAT, 19.62 X 16.13                                          |
| SUP04510 | 3             | 1        | SUPPORT; ELECTRIC HEATER, .187 DIA GALVANIZED STEEL, 17.42 LENGTH                       |

INDOOR COIL / FILTERS

75011724

REV.  
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This is a typical illustration. The unit in the field may not appear exactly as shown.

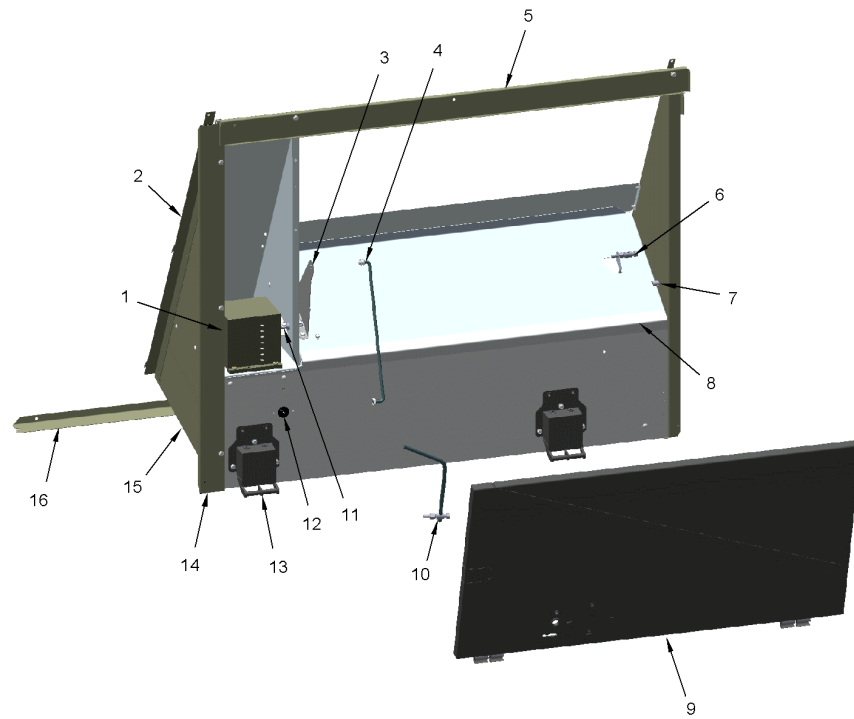
| Part No. | Reference No. | Quantity | Description                                       |
|----------|---------------|----------|---------------------------------------------------|
| CLP01072 | *             | 1        | CLIP; BULB (BLUE), 3/4 OD TUBE                    |
| COL13562 | 1             | 1        | COIL; INDOOR, FLAT FIN (TXV NOT INCLUDED)         |
| BOF02311 | 3             | 1        | BLOCKOFF; INDOOR COIL BOTTOM, 51.44 X 2.65 X 2.15 |
| TOL03963 | 4             | 2        | TOOL; FILTER REMOVAL                              |
| BRK03938 | 5             | 1        | BRACKET; FILTER CHANNEL, 50.50 LENGTH             |
| BRK03098 | 7             | 1        | BRACKET; TOP, INDOOR COIL MOUNT, 6 IN LENGTH      |
| BOF02399 | 8             | 1        | BLOCKOFF; ID COIL - TOP C-CAB W FILTER RETENTION  |
| BRK03096 | 9             | 1        | BRACKET; FILTER STOP, 31.97 X 3.00                |
| TUB11742 | 10            | 1        | TUBE; ASSEMBLY, INDOOR DISTRIBUTOR                |
| VAL18360 | 11            | 1        | VALVE; TEV HXCE 2 ZX200 R410A                     |

## ECONOMIZER

75010609

REV.  
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### TYPICAL ILLUSTRATION



Parts List Number :WHCUP1

Model Number :WHC060HWR0A00E0

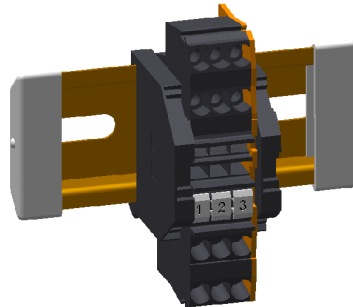
| Part No. | Reference No. | Quantity | Description                                                                                                    |
|----------|---------------|----------|----------------------------------------------------------------------------------------------------------------|
| BOF01669 | *             | 1        | BLOCKOFF; BAROMETRIC RELIEF (DUCT BLOCKOFF PLATE), 18.0 X 7.0                                                  |
| FLR04277 | *             | 1        | FILTER; MIST ELIMINATOR, 1.0 X 37.00 X 16.75                                                                   |
| GRM00818 | *             | 1        | GROMMET; RUBBER .25 ID X .05 GRV MLD (1 CTN = 50 PCS)                                                          |
| KIT07669 | *             | 1        | KIT; SHIP WITH PARTS FOR ECONOMIZER (CONTAINS SCREWS, MIXED AIR SENSOR, GROMMET AND LITERATURE)                |
| PLT03568 | *             | 1        | PLATE; BLADE STIFFENER, OUTSIDE AIR, 6.0 X 1.7                                                                 |
| SCR00709 | *             | 1        | SCREW, 10-24 X .50                                                                                             |
| SCR00721 | *             | 2        | SCREW; PHILLIPS HEAD, 6-32 X 1/2                                                                               |
| SEL00920 | *             | 2        | SEAL; DAMPER BLADE, 30.80 INCH LENGTH                                                                          |
| SEN01036 | *             | 1        | SENSOR; HUMIDITY, 10-90 PRECENT RELATIVE HUMIDITY, 32-125F AMBIENT                                             |
| WIR03346 | *             | 1        | WIRE; HARNESS, RETURN TEMP AND HUMIDITY (REFERENCE ENTHALPY CONTROL), 20 IN LENGTH, 156A-RED,157A-VIO          |
| MOD01301 | 1             | 1        | MODULE; ACTUATOR, FOOT MOUNTED, W/ CAPTIVE SCREWS, 2-10 VDC INPUT, SPRING RETURN ON POWER FAILURE (MOTOR ONLY) |
| MOD02618 | 1             | 1        | MODULE; RELIATEL ECONOMIZER LOGIC, RTEM, RELIATEL                                                              |
| MNT02192 | 2             | 1        | MOUNT; ADAPTER, ECONOMIZER, 33.2 X 1.2                                                                         |
| ANG01291 | 3             | 1        | ANGLE; OUTSIDE AIR LINKAGE CONNECTION, 6.6 X 4.5                                                               |
| BRG00653 | 4             | 1        | BEARING, INSERT, DAMPER, .260 BORE                                                                             |
| NUT00920 | 4             | 1        | NUT; 0.25- PUSH ON SPRING STEEL                                                                                |
| ROD00667 | 4             | 1        | ROD; LINKAGE, .25 DIA X 11.50                                                                                  |
| BOF01616 | 5             | 1        | BLOCKOFF; LOWER ECONOMIZER, 40.19 X 2.09                                                                       |
| BRG00125 | 6             | 1        | BEARING; LINKAGE, .25/.31 BALL JOINT, .25-.28 X .562                                                           |
| BRG00300 | 7             | 1        | BEARING; LINKAGE, PIVOT, FEMALE NYLON, .50 OD X .50 LG                                                         |
| BLD01012 | 8             | 1        | BLADE; ECONOMIZER DAMPER, 30.80 X 11.00                                                                        |
| BLD01048 | 9             | 1        | BLADE; RETURN AIR ECONOMIZER, PLASTIC, 32.70 X 17.70                                                           |
| BRG00125 | 10            | 1        | BEARING; LINKAGE, .25/.31 BALL JOINT, .25-.28 X .562                                                           |
| ROD01129 | 10            | 1        | ROD; HORIZONTAL LINKAGE CONN - .31 DIA X 5.50                                                                  |
| ANG01543 | 11            | 1        | ANGLE; ACTUATOR TO DRIVE ROD, 1.83 X 0.83 X 0.75                                                               |
| BRG00271 | 11            | 1        | BEARING; DAMPER, MOLDED, .45 ID X .31 LG                                                                       |
| ROD00580 | 11            | 1        | ROD; STEEL, .44 DIA X 1.94 LG                                                                                  |
| BUS00309 | 12            | 1        | BUSHING;SNAP, .88 MTG W/MAX .56 ID                                                                             |
| BRK03550 | 13            | 2        | BRACKET; MOUNTING, RETURN AIR BLADE                                                                            |
| BRK03141 | 14            | 1        | BRACKET; ECONOMIZER FILLER, 31.69 X 2.10                                                                       |
| CBT01492 | 15            | 1        | CABINET; ECONOMIZER/DAMPER                                                                                     |
| BRK03140 | 16            | 1        | BRACKET; FILTER, OUTSIDE AIR, 37.93 X 1.44                                                                     |

## TERMINAL BLOCK - CONTROLS (CTB)

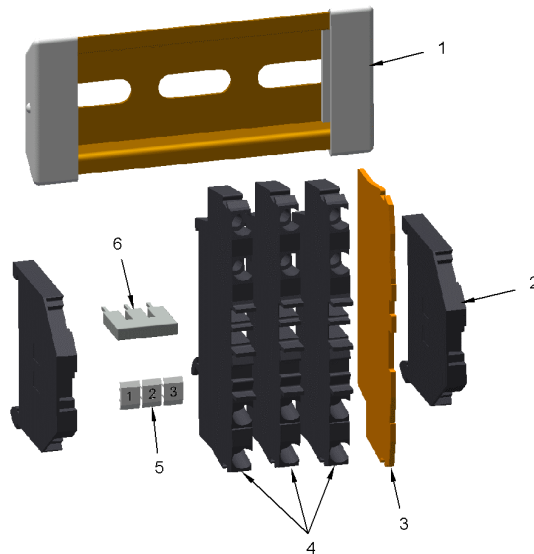
75011855

REV.  
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This assembly is a component of the Common Controls Harness



Reference - complete assembly

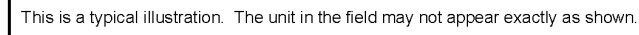


This is a typical illustration. The unit in the field may not appear exactly as shown.

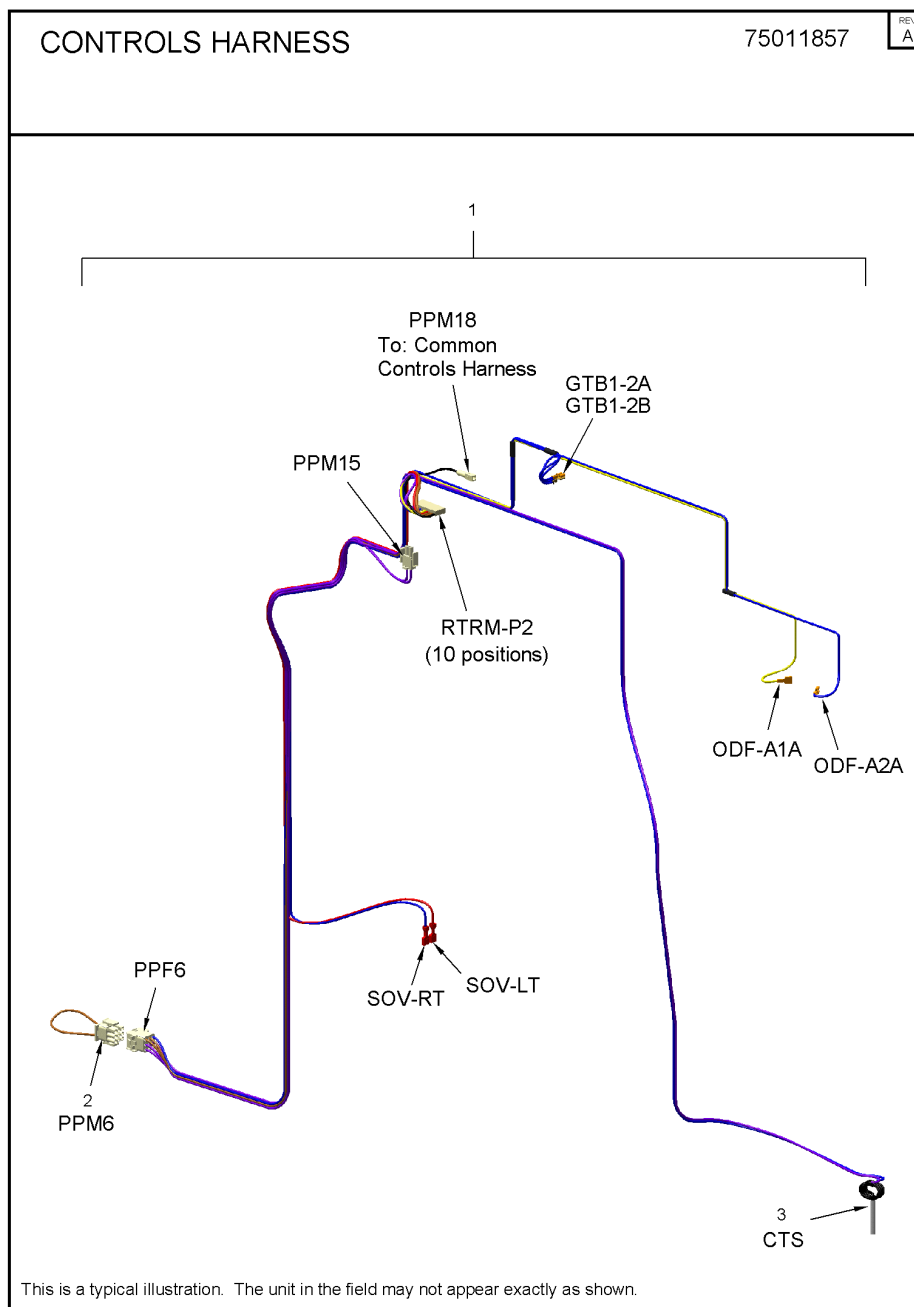
Parts List Number :WHCUP1

Model Number :WHC060HWR0A00E0

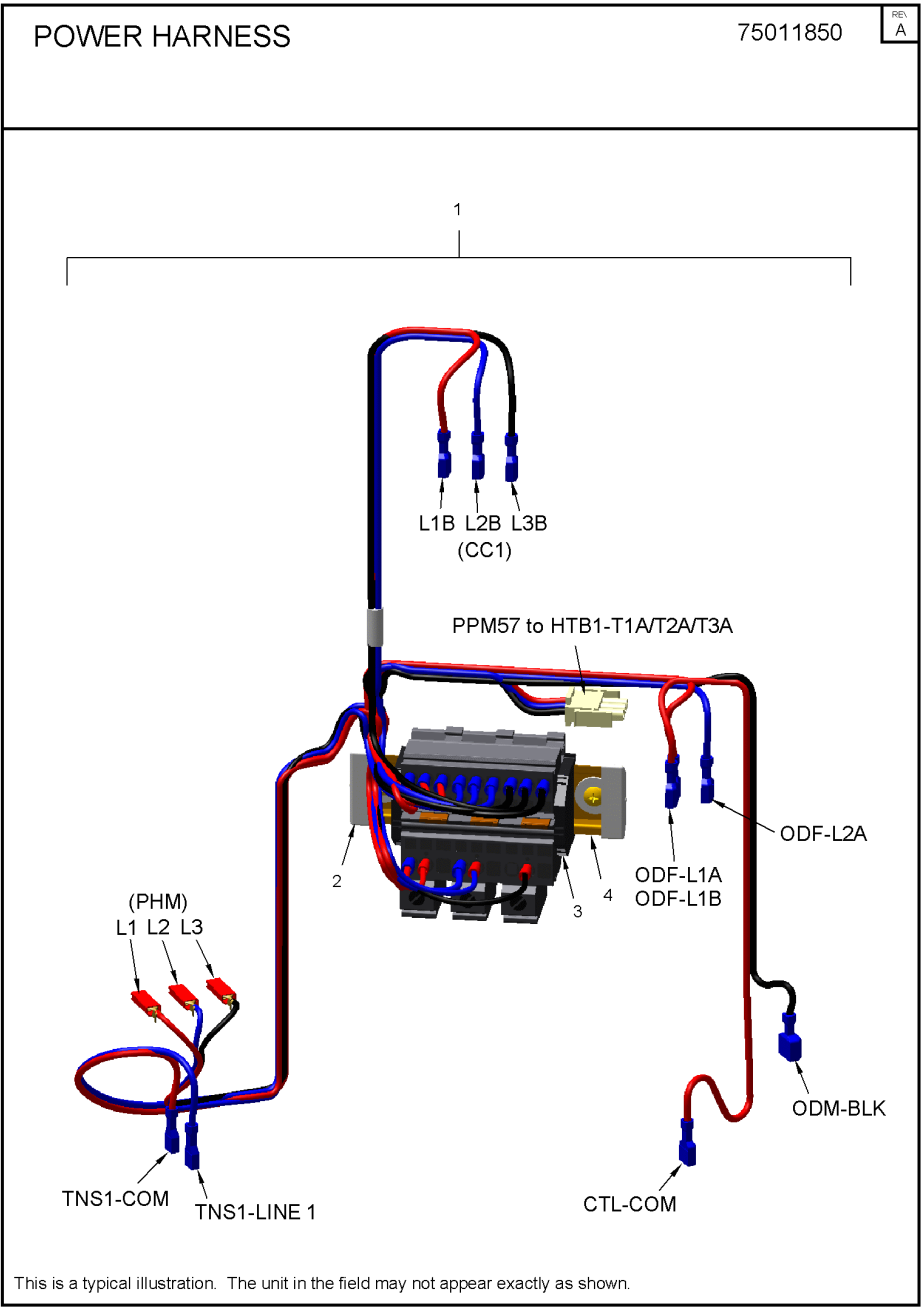
| Part No. | Reference No. | Quantity | Description                                |
|----------|---------------|----------|--------------------------------------------|
| CAP00251 | 1             | 2        | CAP; TUBE                                  |
| TER01332 | 2             | 2        | TERMINAL; BLOCK, END STOP                  |
| PLT04051 | 3             | 1        | PLATE; 4 CONDUCTOR POLE END PLATE          |
| TER01334 | 4             | 3        | TERMINAL; BLOCK, 4 CONDUCTOR POLE 20A 600V |
| TER01351 | 5             | 1        | TERMINAL; BLOCK, POLE MARKING 1-10 VERT    |
| TER01354 | 6             | 1        | TERMINAL; BLOCK, 3 POLE JUMPER             |



| Part No. | Reference No. | Quantity | Description                                                                         |
|----------|---------------|----------|-------------------------------------------------------------------------------------|
| WIR08678 | 1             | 1        | WIRE; HARNESS; COMMON CONTROLS; C/D CAB                                             |
| TER01680 | 2             | 1        | TERMINAL STRIP; .25IN. FASTON                                                       |
| BLK00940 | 3             | 1        | BLOCK; 6 TERMINALS (LVTB)                                                           |
| SEN01829 | 4             | 1        | SENSOR; THERMISTOR PROBE, -40 TO 65C, .25 DIA X 1.75 LG<br>W/26" PVC LEADS-INSUL QC |



| Part No. | Reference No. | Quantity | Description                                                             |
|----------|---------------|----------|-------------------------------------------------------------------------|
| WIR05212 | *             | 1        | WIRE; HARNESS, COIL TEMP SENSOR (CTS), 77 IN L, 162C(PR),163C(BU)       |
| WIR08680 | 1             | 1        | WIRE; HARNESS, CONTROLS, INCLUDES CTS-SEN00275 & WIR08179               |
| WIR08179 | 2             | 1        | WIRE; HARNESS, NO HEAT CONFIGURATION - RELIATEL CONTROLS                |
| SEN00275 | 3             | 1        | SENSOR; THERMISTOR PROBE, -40 DEG C TO 65 DEG C, 12 INCH STRIPPED LEADS |

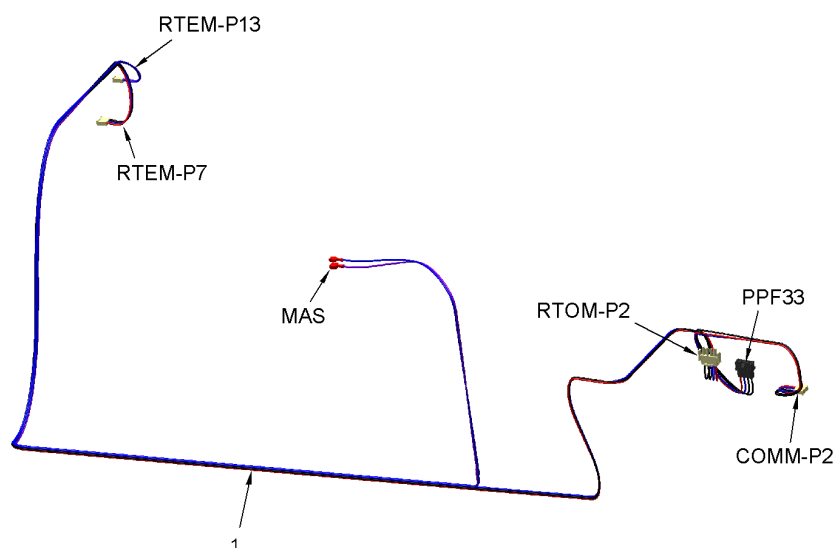


| Part No. | Reference No. | Quantity | Description                             |
|----------|---------------|----------|-----------------------------------------|
| WIR08684 | 1             | 1        | HARNESS - POWER, INCLUDES HTB1          |
| CAP01251 | 2             | 2        | CAP; PROTECTIVE FORM CAP                |
| TER01332 | 3             | 2        | TERMINAL; BLOCK, END STOP               |
| RAL01169 | 4             | 1        | RAIL; DIN TERMINAL BLOCK, 35MM, 5.00 LG |

OPTIONS HARNESS

75011723

REV.  
A



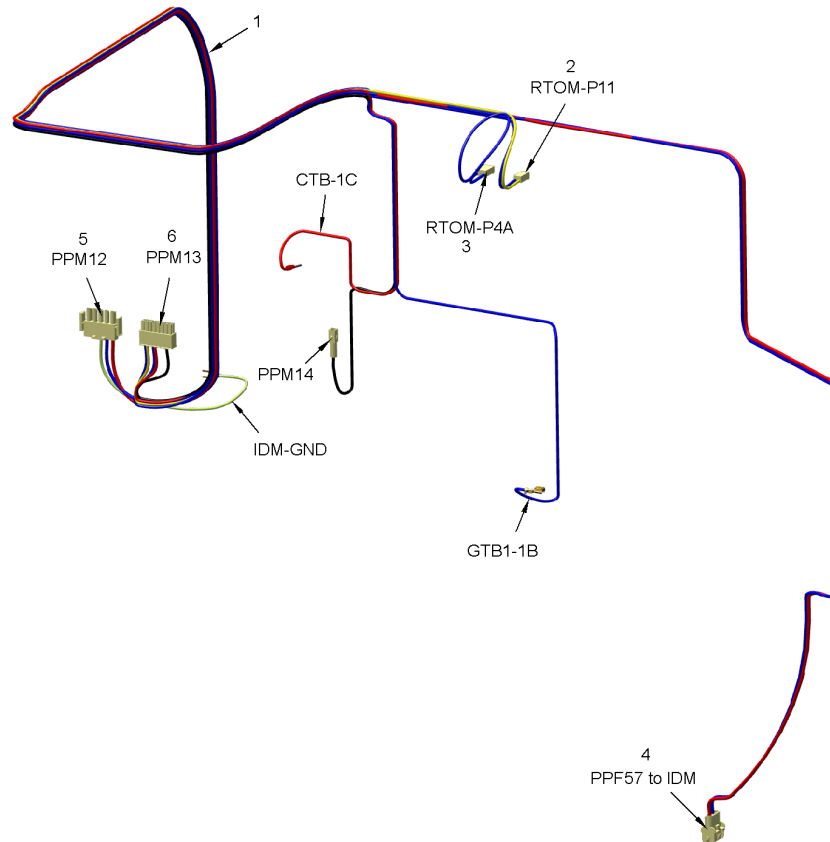
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                                                                       |
|----------|---------------|----------|-----------------------------------------------------------------------------------|
| WIR03419 | 1             | 1        | WIRE; HARNESS, OPTIONS - COMM-J2 TO RTOM-J1, RTEM TO MAS, RTEM TO RTOM-J2, TO ECA |

POWER & CONTROLS, MOTOR HARNESS

75012198

REV.  
A



This is a typical illustration. The unit in the field may not appear exactly as shown.

Parts List Number :WHCUP1

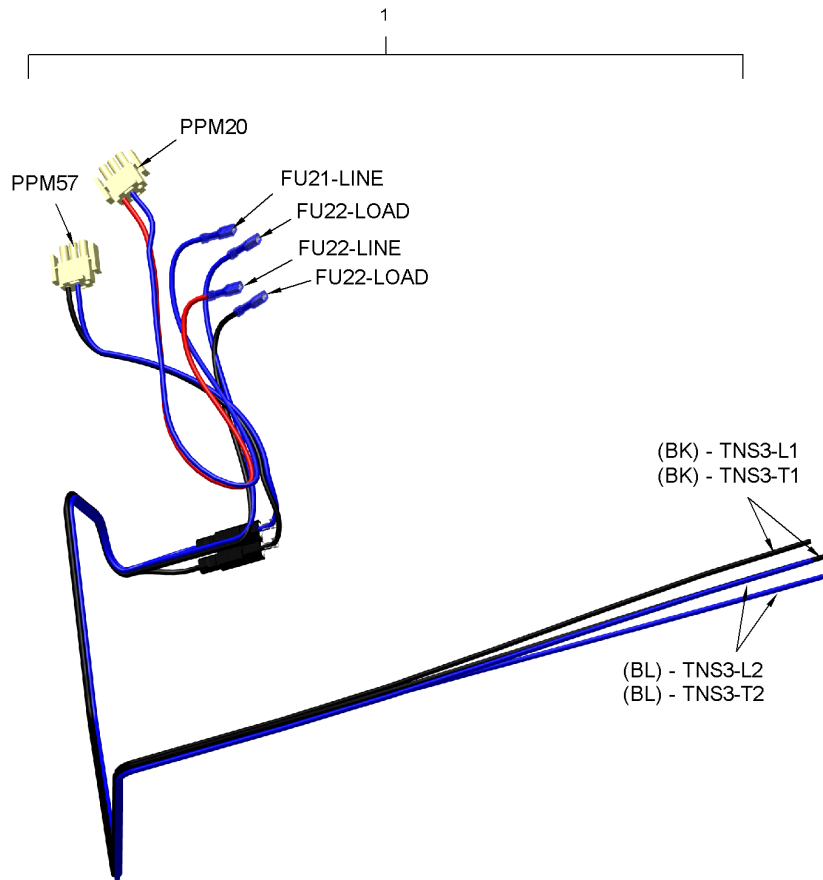
Model Number :WHC060HWR0A00E0

| Part No. | Reference No. | Quantity | Description                                                   |
|----------|---------------|----------|---------------------------------------------------------------|
| WIR08883 | 1             | 1        | WIRE; HARNESS; C/D CAB; PWR & CNTLS; DD MTR; PWM; STAGED CNTL |
| CON00376 | 2             | 1        | CONNECTOR; RECEPTACLE-2 PIN (.156 CTRS, 18-22 AWG)            |
| CON00377 | 3             | 1        | CONNECTOR; RECEPTACLE-3 PIN (.156 CTRS, 18-22 AWG)            |
| CON00973 | 4             | 1        | CONNECTOR; 3 CKT, CAP HSG, WHITE/NATURAL                      |
| CON00971 | 5             | 1        | CONNECTOR; 5 CKT, PLUG HSG, WHITE/NATURAL                     |
| PLU00538 | 6             | 1        | PLUG; POLARIZED, 16 PIN                                       |

# HARNESS - IDM ADAPTER - TNS3

75012174

REV.  
A



This is a typical illustration. The unit in the field may not appear exactly as shown.

Parts List Number :WHCUP1

Model Number :WHC060HWR0A00E0

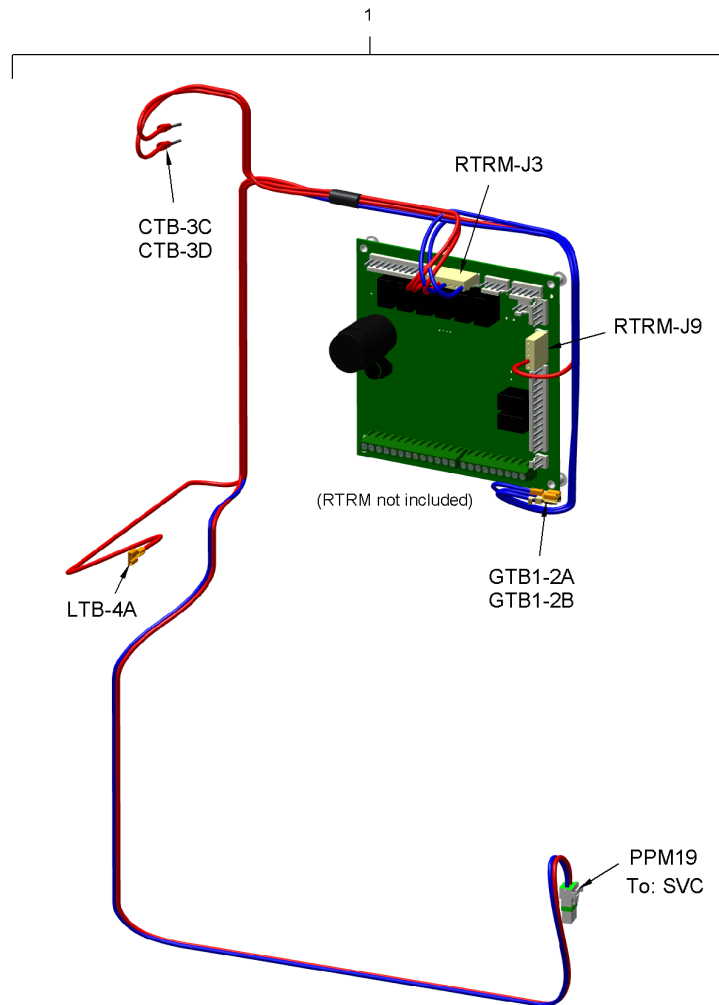
| Part No. | Reference No. | Quantity | Description                                   |
|----------|---------------|----------|-----------------------------------------------|
| CON00486 | *             | 2        | CONNECTOR; PLUG HOUSING, 3 PIN MALE           |
| TER00315 | *             | 4        | TERMINAL; .25 INSUL. FASTON                   |
| WIR08682 | 1             | 1        | WIRE; HARNESS; IDM ADAPTER - 575V TRANSFORMER |

## CONTROLS HARNESS

75012171

REV.  
A

2 Stage Compressor



This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                                 |
|----------|---------------|----------|---------------------------------------------|
| WIR08880 | 1             | 1        | WIRE; HARNESS; C/D CAB; CNTLS; 2 STAGE COMP |

Parts List Number :WHCUP1

Model Number :WHC060HWR0A00E0

| Part No.    | Reference No. | Quantity | Description                                                                                                                                            |
|-------------|---------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| BAYABRD001C | *             | 1        | KIT; ACCESSORY, OPTIONS BOARD (BAYABRD001CA)                                                                                                           |
| BAYBARM011A | *             | 1        | DAMPER; BAROMETRIC RELIEF (BAYBARM011AB)                                                                                                               |
| BAYBCIR001A | *             | 1        | KIT; FIELD INSTALLED BCI (BAYBCIR001A)                                                                                                                 |
| BAYCCHT011B | *             | 1        | HEATER; ACCESSORY, CRANKCASE, 460/575V (BAYCCHT011BB)                                                                                                  |
| BAYCO2K101A | *             | 1        | KIT; WALL MOUNT CO2 SENSOR KIT                                                                                                                         |
| BAYCO2K103A | *             | 1        | KIT; DUCT MOUNT CO2 SENSOR KIT                                                                                                                         |
| BAYCURB043A | *             | 1        | CURB; ROOFCURB (BAYCURB043AB)                                                                                                                          |
| BAYDFPS004A | *             | 1        | KIT; FAN FAILURE SWITCH (BAYDFPS004AB). (OPTIONS BOARD KIT09433-BAYABRD001CA MUST BE INSTALLED IN THE UNIT FOR THIS ACCESSORY TO OPERATE).             |
| BAYDMPR054A | *             | 1        | DAMPER; RELIATEL, 0-50 PERCENT MOTORIZED OUTSIDE AIR DAMPER (BAYDMPR054A)                                                                              |
| BAYDMPR056B | *             | 1        | DAMPER; 0-50% MANUAL OUTSIDE AIR DAMPER (BAYDMPR056BA)                                                                                                 |
| BAYECON087A | *             | 1        | ECONOMIZER; RELIATEL, 0-100 PERCENT DRY BULB (BAYECON087A)                                                                                             |
| BAYECON704A | *             | 1        | ACCESSORY; LOW LEAK ECONOMIZER, FOR C/D/E CABINETS WITH RELIATEL CONTROLS (SEE ACC-SVN177* FOR MODELS)                                                 |
| BAYENTH005A | *             | 1        | KIT; REFERENCE ENTHALPY (BAYENTH005A)                                                                                                                  |
| BAYENTH006B | *             | 1        | KIT; COMPARATIVE ENTHALPY (BAYENTH006B)                                                                                                                |
| BAYGARD040C | *             | 1        | ACCESSORY; HAIL GUARD, CONDENSER COIL - C CAB                                                                                                          |
| BAYHTRXW06B | *             | 1        | ELECTRIC HEATER                                                                                                                                        |
| BAYHTRXW12B | *             | 1        | ELECTRIC HEATER                                                                                                                                        |
| BAYHTRYW18A | *             | 1        | HEATER; 17.4 KW 600/60/3                                                                                                                               |
| BAYHTRYW23A | *             | 1        | HEATER; 23.0 KW 600/60/3                                                                                                                               |
| BAYICSI003A | *             | 1        | BOARD; ACCESSORY, RELIATEL COMMUNICATIONS INTERFACE BOARD (BAYICSI003AD)                                                                               |
| BAYLOAM020B | *             | 1        | CONTROL; EVAPORATOR DEFROST KIT (FROSTAT) (BAYLOAM020BB). (OPTIONS BOARD KIT09433-BAYABRD001CA MUST BE INSTALLED IN THE UNIT FOR THIS ACCESSORY TO OPE |
| BAYLTIC002B | *             | 1        | KIT; RELIATEL COMMUNICATIONS INTERFACE THAT INCORPORATES LONTALK PROTOCOL (BAYLTIC002BB)                                                               |
| BAYPWRX072A | *             | 1        | POWER EXHAUST, 575V, FOR 3-5 TON T/W/YSC & D/T/W/YHC                                                                                                   |
| BAYQACB011A | *             | 1        | CURB; ADAPTA CURB (BAYQACB011AA), TRANSITIONS BAYCURB022B, 83.50 X 49.375                                                                              |
| BAYQACB012A | *             | 1        | CURB; ADAPTA CURB (BAYQACB012AA), TRANSITIONS BAYCURB025B, 90.50 X 60.625                                                                              |
| BAYQACB013A | *             | 1        | CURB; ADAPTA CURB (BAYQACB013AA), TRANSITIONS BAYCURB026B, 103.375 X 68.125                                                                            |
| BAYQACB501A | *             | 1        | ADAPTOR CURB KCC-302                                                                                                                                   |
| BAYQACB502A | *             | 1        | ADAPTOR CURB KCC-258                                                                                                                                   |
| BAYRTEM001A | *             | 1        | RELIATEL ECONOMIZER LOGIC MODULE                                                                                                                       |
| BAYSENS050A | *             | 1        | WIRELESS ZONE SENSOR                                                                                                                                   |
| BAYTUBE007A | *             | 1        | KIT; DISCHARGE AIR SENSING (BAYTUBE007A). (OPTIONS BOARD KIT09433-BAYABRD001CA MUST BE INSTALLED IN THE UNIT FOR THIS ACCESSORY TO OPERATE).           |
| BAYVNOR001B | *             | 1        | KIT; VENTILATION OVERRIDE (BAYVNOR001BB) (OPTIONS BOARD KIT09433-BAYABRD001CA MUST BE INSTALLED IN THE UNIT FOR THIS ACCESSORY TO OPERATE).            |
| KIT17430    | *             | 1        | KIT17430; TD5 DISPLAY UPGRADE PRECEDENT LIGHT COMMERCIAL                                                                                               |
| PLT03127    | *             | 1        | PLATE; COMBINED MOUNTING PLATE AND ADAPTER PLATE (BAYMTPL003BA)                                                                                        |
| PLT04561    | *             | 1        | PLATE; WALL COVER PLATE ASSEMBLY (BAYMTPL110A)                                                                                                         |
| SEN00278    | *             | 1        | SENSOR; THERMISTOR PROBE, -40 DEG C TO 65 DEG, STRIPPED LEADS (BAYSENS016AA)                                                                           |
| SEN01379    | *             | 1        | SENSOR; TEMPERATURE, RETURN AIR - DUCT (BAYSTAT059AA)                                                                                                  |
| SEN01447    | *             | 1        | SENSOR; ZONE, ROOM SENSOR W/TEMP. ADJUSTMENT WITH OVERRIDE AND CANCEL BUTTONS, 10K, DIAL, OCCUPIED (BAYSENS074AA)                                      |
| SEN01448    | *             | 1        | SENSOR; ZONE, REMOTE ROOM SENSOR, 10K (BAYSENS077AA)                                                                                                   |
| SEN01450    | *             | 1        | SENSOR; ZONE, ROOM SENSOR W/ OVERRIDE AND CANCEL BUTTONS, 10K, OCCUPIED (BAYSENS073AA)                                                                 |

Parts List Number :WHCUP1

Model Number :WHC060HWR0A00E0

| Part No. | Reference No. | Quantity | Description                                                                                                         |
|----------|---------------|----------|---------------------------------------------------------------------------------------------------------------------|
| SEN01513 | *             | 1        | SENSOR; ZONE; DUAL SETPOINT MANUAL OR AUTO CHANGOVER, TWO SET FAN SYSTEM (BAYSENS108AA)                             |
| SEN01515 | *             | 1        | SENSOR; ZONE SINGLE SETPOINT MANUAL CHANGOVER, SET FAN SYSTEM, COOL/OFF/HEAT (BAYSENS106A)                          |
| SEN01522 | *             | 1        | SENSOR; ZONE, DUAL SETPOINT MANUAL OR AUTO CHANGOVER W/SYSTEM FUNCTION LIGHTS TWO SET FAN SYSTEM, LED (BAYSENS110A) |
| SEN01523 | *             | 1        | SENSOR; PROGRAMMABLE ZONE, AUTOMATIC OR MANUAL CHANGOVER W/ SYSTEM LIGHTS TRANE (BAYSENS119AA)                      |
| SEN01528 | *             | 1        | SENSOR; ZONE, SET FAN SYSTEM, EH LED (BAYSENS107A)                                                                  |
| SEN01577 | *             | 1        | SENSOR; PROGRAMMABLE ZONE, AUTOMATIC OR MANUAL CHANGOVER W/ SYSTEM LIGHTS TRANE (BAYSENS119AA)                      |
| SEN01578 | *             | 1        | SENSOR; PROGRAMMABLE ZONE, AMERICAN STANDARD (ASYSTAT777AA)                                                         |
| SEN01582 | *             | 1        | SENSOR; TEMPERATURE, OPERATING RANGE 45 TO 99F (BAYSTAT060AB)                                                       |
| SEN02076 | *             | 1        | SENSOR; TEMPERATURE, DISPLAY SENSOR, SETPOINT, TOV                                                                  |
| THT00839 | *             | 1        | THERMOSTAT; REMOTE POTENTIOMETER, 60-90 DEG F (BAYSTAT023AA)                                                        |
| THT02239 | *             | 1        | THERMOSTAT; HIGH TEMPERATURE (BAYFRST001AA)                                                                         |
| THT02772 | *             | 1        | THERMOSTAT, WALL MOUNT, NON-PROGRAMMABLE 1H/1C (BAYSTAT151A)                                                        |
| THT02773 | *             | 1        | THERMOSTAT; WALL MOUNT, NON-PROGRAMMABLE 3H/2C (BAYSTAT155A)                                                        |
| THT02774 | *             | 1        | THERMOSTAT; WALL MOUNT, PROGRAMMABLE 3H/2C, (BAYSTAT150AA)                                                          |
| THT02775 | *             | 1        | THERMOSTAT; PROGRAMABLE TOUCH SCREEN 3H/2C                                                                          |
| TOL00099 | *             | 1        | TOOL; RESISTANCE DECADE BOX                                                                                         |

## MODEL NUMBER DESCRIPTION

75011718

REL  
A

Precedent Heat Pump

*Example Model Number:***W S C 0 3 6 H W R J A 0 A B 0 C 1 A 1 0 2 0 2 D A A 1 0 0 F 0**

1 - - - - 5 - - - - 10 - - - - 15 - - - - 20 - - - - 25 - - - - 30 -

**Digit 18 – Through the Base Provisions**

- 0 = No Through-the-Base Provisions
- A = Through-the-Base Electric (7)
- B = Through-the-Base Gas Piping (8)
- C = Through-the-Base Electric Gas Piping (8)

**Digit 19 – Disconnect/Circuit Breaker**

- 0 = No Disconnect/No Circuit Breaker
- 1 = Unit Mounted Non-Fused Disconnect (7)
- 2 = Unit Mounted Circuit Breaker (7)

**Digit 20 – Convenience Outlet**

- 0 = Convenience Outlet
- A = Unpowered Convenience Outlet
- B = Powered Convenience Outlet (9)

**Digit 21 – Communications Options**

- 0 = No Communications Interface
- 1 = Trane® Communications Interface
- 2 = LonTalk® Communications Interface
- 6 = BACnet® Communications Interface
- 7 = Air-Fi™ Wireless Communications (10)

**Digit 22 – Refrigeration System Option**

- 0 = Standard Refrigeration System (11)

**Digit 23 – Refrigeration Controls**

- 0 = No Refrigeration Control (1)
- 1 = Froststat™ (12)
- 2 = Crankcase Heater (13)

**Digit 24 – Smoke Detector**

- 0 = No Smoke Detector
- A = Return Air Smoke Detector (14)
- B = Supply Air Smoke Detector
- C = Supply and Return Air Smoke Detectors (14)
- D = Plenum Smoke Detector

**Digit 25 – System Monitoring Controls**

- 0 = No Monitoring System
- 1 = Clogged Filter Switch
- 2 = Fan Failure Switch
- 3 = Discharge Air Sensing Tube
- 4 = Clogged Filter Switch and Fan Failure Switch
- 5 = Clogged Filter Switch and Discharge Air Sensing Tube
- 6 = Fan Failure Switch and Discharge Air Sensing Tube
- 7 = Clogged Filter Switch, Fan Failure Switch and Discharge Air Sensing Tube
- A = Condensate Drain Pan Overflow Switch
- B = Clogged Filter Switch and Condensate Drain Pan Overflow Switch
- C = Fan Failure Switch and Condensate Drain Pan Overflow Switch
- D = Discharge Air Sensing and Condensate Drain Pan Overflow Switch
- E = Clogged Filter Switch, Fan Failure Switch, and Condensate Drain Pan Overflow Switch
- F = Clogged Filter Switch, Discharge Air Sensing, and Condensate Drain Pan Overflow Switch
- G = Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch
- H = Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing, and Condensate Drain Pan Overflow Switch

**Digit 26 – System Monitoring Controls**

- 0 = No Monitoring Controls
- A = Demand Control Ventilation (CO<sub>2</sub>) (15)
- B = Low Leak Economizer with FDD (Fault Detection & Diagnostics)
- C = FDD (Fault Detection & Diagnostics) with DCV (Demand Control Ventilation)

**Digits 27 – Unit Hardware Enhancements**

- 0 = No Enhancements
- 1 = Stainless Steel Drain Pan

**Digit 31 – Advanced Unit Controls**

- 0 = Standard Unit Controls
- 1 = Human Interface

1 of 3

|                                                                                                                                                                                                                                                                                          |  |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|----------|
| MODEL NUMBER NOTES                                                                                                                                                                                                                                                                       |  | 75011719 | REL<br>A |
| Precedent Heat Pump                                                                                                                                                                                                                                                                      |  |          |          |
| <div>Example Model Number:<br/><b>WSC048H3R0A0AM0B3000601D20100F0</b><br/><small>1 - - - 5 - - - 10 - - - 15 - - - 20 - - - 25 - - - 30 -</small></div>                                                                                                                                  |  |          |          |
| <b>Model Number Notes</b>                                                                                                                                                                                                                                                                |  |          |          |
| (1) High pressure control is standard on all units                                                                                                                                                                                                                                       |  |          |          |
| (2) Manual outside air damper will ship factory supplied within the unit, but must be field installed.                                                                                                                                                                                   |  |          |          |
| (3) Economizer with Barometric Relief is for downflow configured units only. Order Economizer without Barometric Relief for horizontal configuration. Barometric Relief for horizontal configured units must be ordered as a field installed accessory.                                  |  |          |          |
| (4) Multi-Stage, direct drive standard.                                                                                                                                                                                                                                                  |  |          |          |
| (5) SZVAV/MZVAV available only on 3 to 5 tons high efficiency and 10 ton standard efficiency unit.                                                                                                                                                                                       |  |          |          |
| (6) Multi-speed indoor fan only available only on 3 to 5 tons high efficiency and 10 ton products.                                                                                                                                                                                       |  |          |          |
| (7) Through the base electric required when ordering disconnect/circuit breaker options.                                                                                                                                                                                                 |  |          |          |
| (8) Includes gas piping and shutoff (field assembly required).                                                                                                                                                                                                                           |  |          |          |
| (9) Requires use of Disconnect or Circuit Breaker.                                                                                                                                                                                                                                       |  |          |          |
| (10) Must be used with BACnet ® open protocol.                                                                                                                                                                                                                                           |  |          |          |
| (11) Standard metering devices are TXVs.                                                                                                                                                                                                                                                 |  |          |          |
| (12) Frostat standard on multi-speed and SZVAV (single zone variable air volume) products.                                                                                                                                                                                               |  |          |          |
| (13) Crankcase heater is standard on all 3 to 5 ton heat pumps.                                                                                                                                                                                                                          |  |          |          |
| (14) The return air smoke detector may not fit up or work properly on the Precedent units when used in conjunction with 3rd party accessories such as bolt on heat wheels, economizers and power exhaust. Do not order the return air smoke detectors when using this type of accessory. |  |          |          |
| (15) Demand Control Ventilation Option includes wiring only. The CO <sub>2</sub> sensor is a field-installed only option.                                                                                                                                                                |  |          |          |
| 3 of 3                                                                                                                                                                                                                                                                                   |  |          |          |

