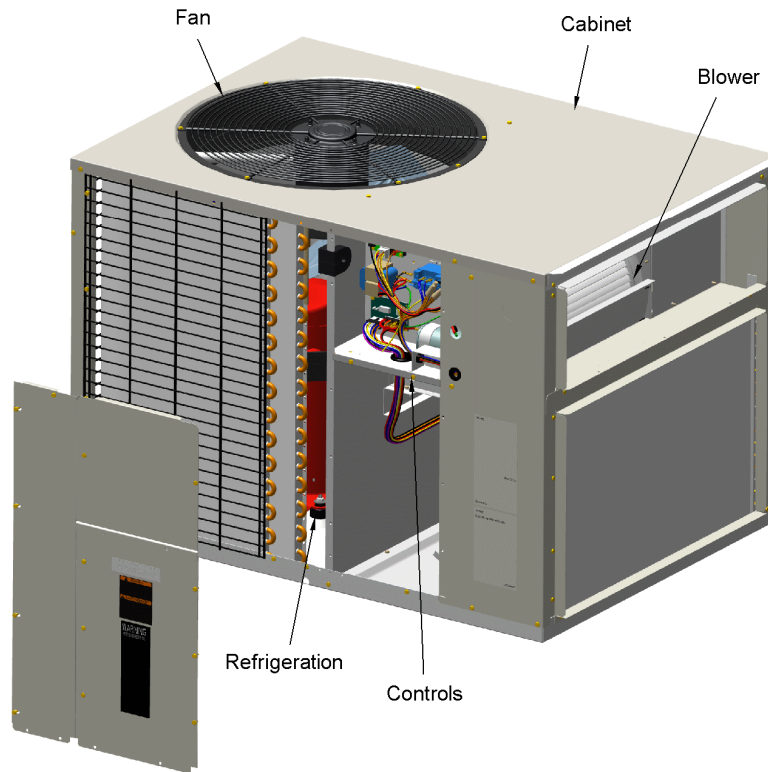


## PACKAGED HEAT PUMP

75012148

REV.  
A



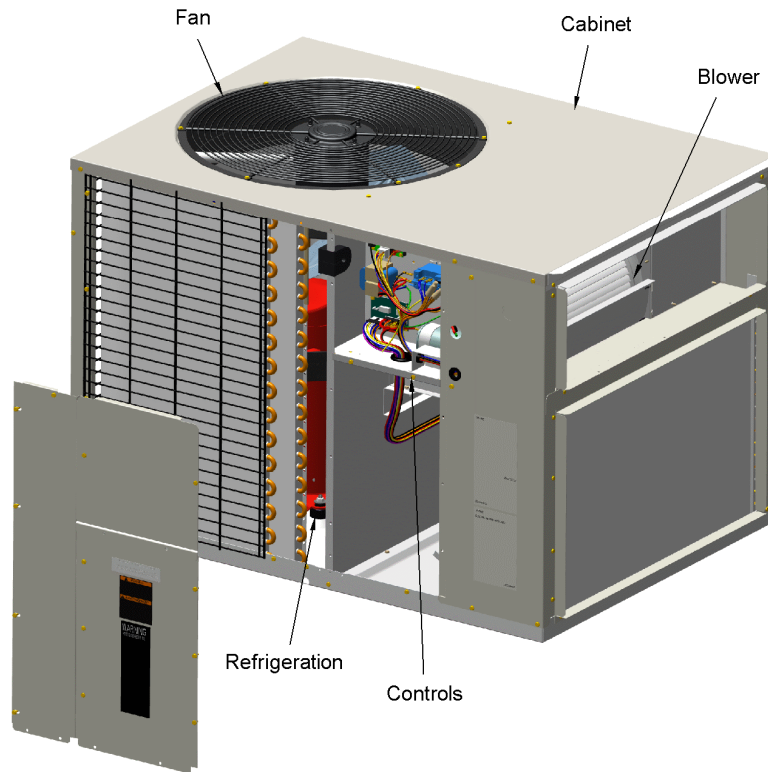
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No.                   | Reference No. | Quantity | Description                           |
|----------------------------|---------------|----------|---------------------------------------|
| 75012148_M4PW4UP2_261766~P | *             |          | 14 SEER PACKAGED HEAT PUMP PARTS LIST |
| 75010920#M4PW4UP2~S        | *             |          | BLOWER                                |
| 75012149#M4PW4UP2~S        | *             |          | CABINET                               |
| 75010917#M4PW4UP2~S        | *             |          | COMPRESSOR & INDOOR COIL              |
| 75010918#M4PW4UP2~S        | *             |          | CONTROLS                              |
| 75010925#M4PW4UP2~S        | *             |          | FAN                                   |
| 75011347#M4PW4UP2~S        | *             |          | MODEL NUMBER DESCRIPTION              |
| NGRAPHIC#M4PW4UP2~S        | *             |          | OPTIONAL EQUIPMENT                    |
| 75010923#M4PW4UP2~S        | *             |          | OUTDOOR COIL                          |

PACKAGED HEAT PUMP

75012148

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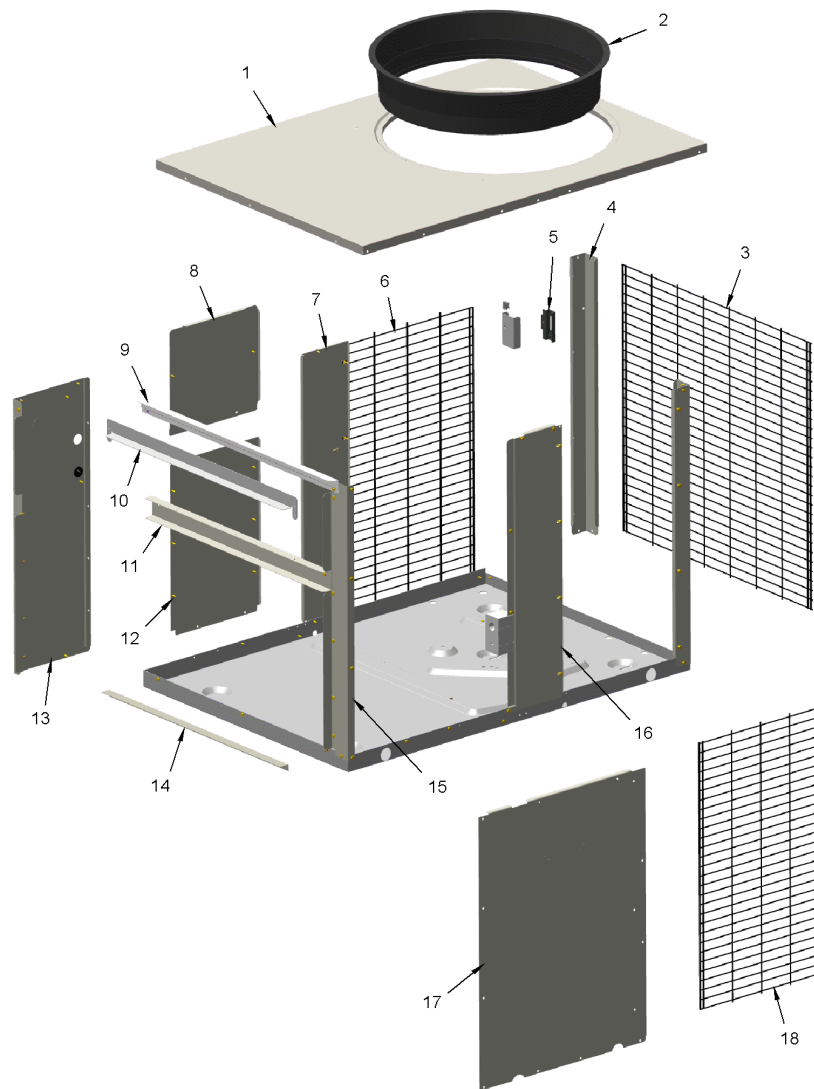


This is a typical illustration. The unit in the field may not appear exactly as shown.

CABINET

75012149

REV.  
A



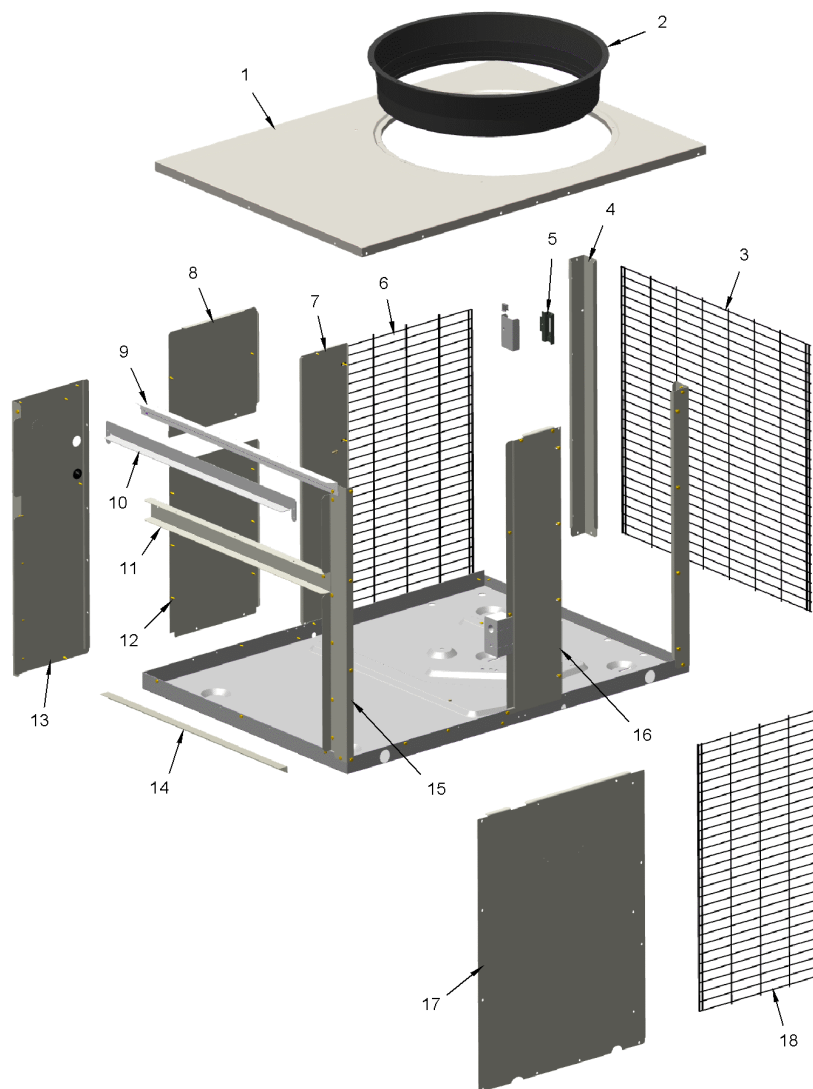
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No.                       | Reference No. | Quantity | Description        |
|--------------------------------|---------------|----------|--------------------|
| 75012149_M4PW4UP2_261773~<br>P | *             |          | CABINET PARTS LIST |

CABINET

75012149

REV.  
A



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

| Part No. | Reference No. | Quantity | Description                                              |
|----------|---------------|----------|----------------------------------------------------------|
| PAI00207 | *             | 1        | PAINT; SPINNAKER GRAY (SHIPPING UOM 12 OZ HAZ) SPRAY CAN |
| COV05374 | 1             | 1        | COVER; TOP, 44.10 X 31.72                                |
| ORF01323 | 2             | 1        | ORIFICE; FAN, 20.73 ID DIA                               |
| GRD01419 | 3             | 1        | GUARD; COIL, 28.10 X 28.00, BLACK                        |
| PNL34829 | 4             | 2        | PANEL; CORNER, 29.30 X 2.00 X 2.00                       |
| SUP02752 | 5             | 1        | SUPPORT; SENSOR, BLACK PLASTIC, 0.50 X 1.68 X 3.10       |
| GRD01418 | 6             | 1        | GUARD; COIL, WIRE, 28.60 X 11.34, BLACK                  |
| PNL34835 | 7             | 1        | PANEL; INDOOR/OUTDOOR, 28.80 X 11.40                     |
| PNL34832 | 8             | 1        | PANEL; CONTROL BOX ACCESS, 11.27 X 11.35                 |
| ANG00899 | 9             | 1        | ANGLE; 1.13 X 29.10 X 2.39                               |
| ANG02130 | 10            | 1        | ANGLE; 30.20 X 1.53 X 1.00                               |
| CNL00047 | 11            | 1        | CHANNEL; 1.08 X 2.07 X 27.40                             |
| PNL34831 | 12            | 1        | PANEL; INDOOR COIL ACCESS, 18.30 X 11.33                 |
| GRM00118 | 13            | 1        | GROMMET; 3/16 IN ID, NEOPRENE                            |
| PNL34836 | 13            | 1        | PANEL; POWER ENTRY, 28.87 X 10.81                        |
| ANG00176 | 14            | 1        | ANGLE; DUCT, 1.08 X 27.40 X 0.70                         |
| PNL34830 | 15            | 1        | PANEL; CORNER, 28.87 X 2.48 X 1.94                       |
| PNL34838 | 16            | 1        | PANEL; SERVICE VALVE, 28.80 X 7.00                       |
| PNL34833 | 17            | 1        | PANEL; INDOOR COIL ACCESS, 28.93 X 21.35                 |
| GRD01417 | 18            | 1        | GUARD; COIL, WIRE, 28.60 X 15.69, BLACK                  |

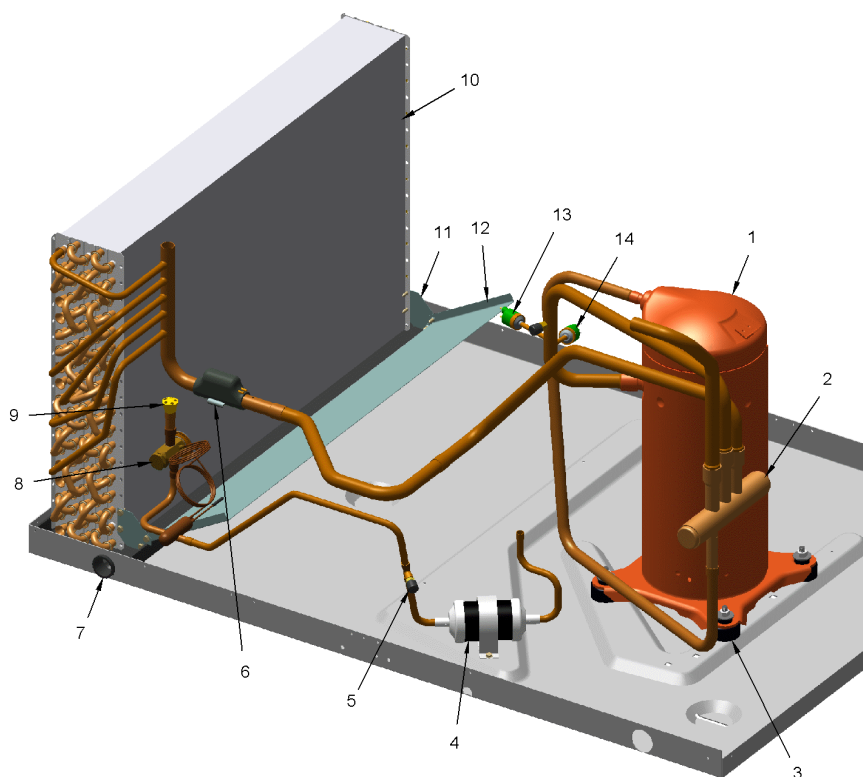
## COMPRESSOR & INDOOR COIL

75010917

REV.  
A

### TYPICAL ILLUSTRATION

Items 11 & 12 are for 4WHC4042 only.



| Part No.                       | Reference No. | Quantity | Description                         |
|--------------------------------|---------------|----------|-------------------------------------|
| 75010917_M4PW4UP2_369378~<br>P | *             |          | COMPRESSOR & INDOOR COIL PARTS LIST |

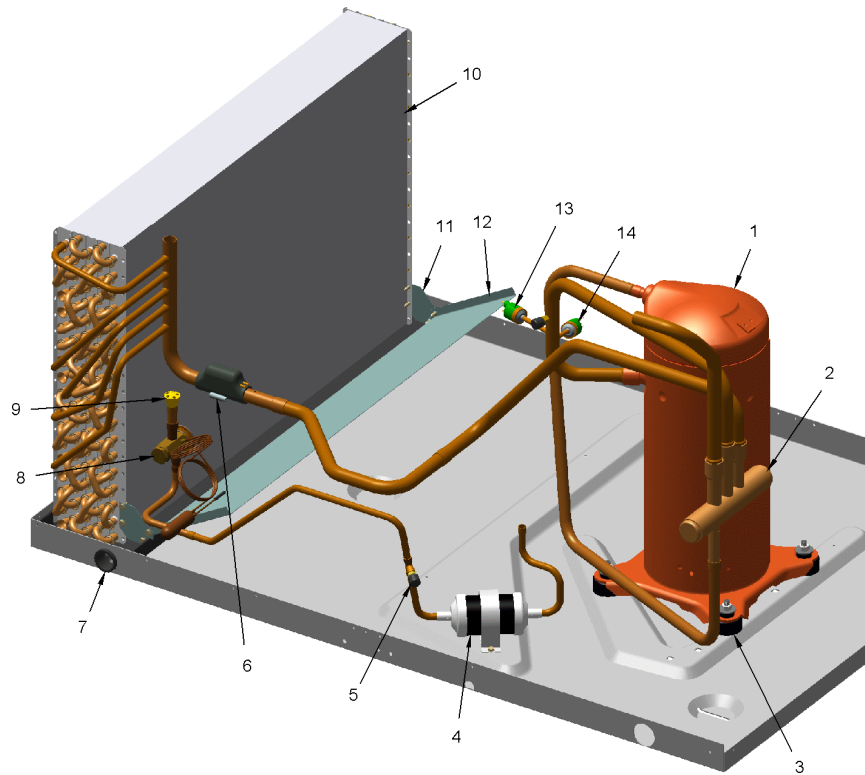
## COMPRESSOR & INDOOR COIL

75010917

REV.  
A

### TYPICAL ILLUSTRATION

Items 11 & 12 are for 4WHC4042 only.



Parts List Number :75012148#M4PW4UP2

Model Number :M4PW4036A1000BA

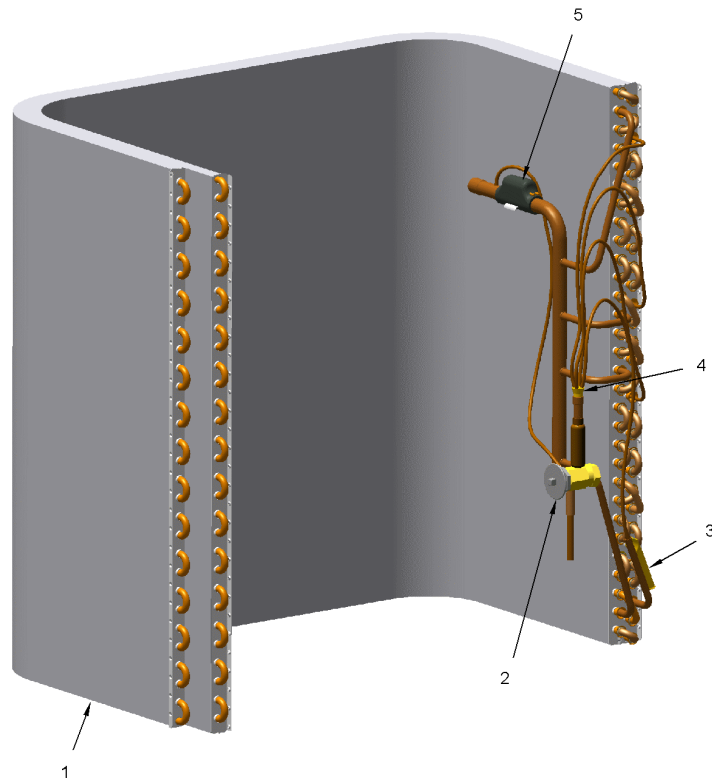
| Part No. | Reference No. | Quantity | Description                                                                                                                                            |
|----------|---------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| BAR00178 | *             | 1        | BAR; STEEL, 3.70 X .75 DIA                                                                                                                             |
| CLP01072 | *             | 1        | CLIP; BULB (BLUE), 3/4 OD TUBE                                                                                                                         |
| WIR03319 | *             | 1        | WIRE; PLUG, SCROLL COMPRESSOR, 38 INCH LENGTH.                                                                                                         |
| COM11766 | 1             | 1        | COMPRESSOR; SCROLL; ALLIANCE; SBA031C1CPZ; 2.5 TON; 42,500 BTUH; 208/230-60-1; R-410A; BRAZED; SUCTION 3/4; DISCHARGE 1/2; RLA 17.1                    |
| VAL08884 | 2             | 1        | VALVE; SWITCHOVER, 6 TON, 5/8 IN ODF X 7/8 IDF CONNECTION (INCLUDES SOLENOID COIL)                                                                     |
| BLT00809 | 3             | 4        | BOLT; CARRIAGE, 5/16-18 X 1-3/4                                                                                                                        |
| ISR00007 | 3             | 4        | ISOLATOR; VIBRATION                                                                                                                                    |
| NUT00355 | 3             | 4        | NUT; HEX, LOCK, 5/16IN.-18                                                                                                                             |
| NUT00890 | 3             | 4        | NUT; PALLET, 5/16-18 UNC 2B THD.                                                                                                                       |
| WAS00638 | 3             | 4        | WASHER; FLAT, 5/16 INCH                                                                                                                                |
| DHY01451 | 4             | 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 |
| CAP00455 | 5             | 2        | CAP; HUB, 7/16-20 STRAIGHT                                                                                                                             |
| COR00006 | 5             | 2        | CORE; VALVE PORT, .79 LENGTH, .206-36 UNS 2A THD                                                                                                       |
| VAL01483 | 5             | 1        | VALVE; BODY, .44-20 THD X .25 ODS, STRAIGHT, BRASS, LESS CORE                                                                                          |
| CLP00223 | 6             | 1        | CLIP; BULB                                                                                                                                             |
| GKT03404 | 7             | 1        | GASKET; 29.00 X 1.50 X .19                                                                                                                             |
| PAN00898 | 7             | 1        | PAN; DRAIN, PLASTIC, WITH GASKET, 31 X 6                                                                                                               |
| VAL11969 | 8             | 1        | VALVE; EXPANSION, 3 TON, 3/8 INLET X 1/2 OUTLET, 200/84 PSIG, INTERNALLY CHECKED, WITH STRAINER, R410                                                  |
| DST00894 | 9             | 1        | DISTRIBUTOR; 4 OUTLETS, 19 ODS, .50 ODM INLET, BRASS                                                                                                   |
| COL25559 | 10            | 1        | COIL; INDOOR, FLAT FIN, 28.10 X 18.13                                                                                                                  |
| BOD00114 | 13            | 1        | BODY; VALVE, BRASS, 7/16 HEX, 7/16 -20 UNF-2A                                                                                                          |
| SWT03892 | 13            | 1        | SWITCH; LOW PRESSURE, 35 PSIG OPEN, 55 PSIG RESET SWITCH                                                                                               |
| SWT03542 | 14            | 1        | SWITCH; HIGH PRESSURE, SPST, OPEN @ 650 PSIG, CLOSE @ 500 PSIG, BRAZED                                                                                 |

## OUTDOOR COIL

75010923

REV.  
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## TYPICAL ILLUSTRATION



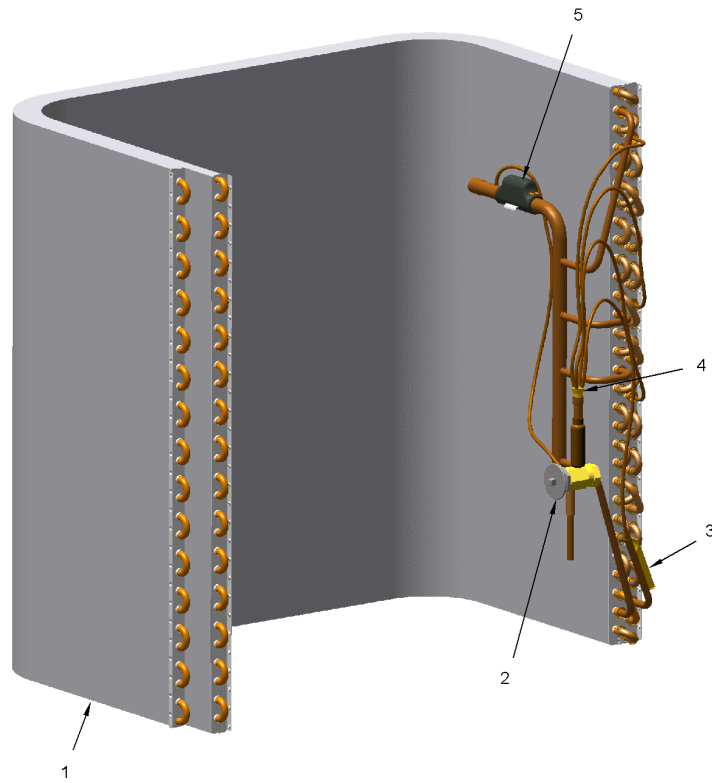
| Part No.                       | Reference No. | Quantity | Description             |
|--------------------------------|---------------|----------|-------------------------|
| 75010923_M4PW4UP2_339263~<br>P | *             |          | OUTDOOR COIL PARTS LIST |

OUTDOOR COIL

75010923

REV.  
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TYPICAL ILLUSTRATION



## OUTDOOR COIL PARTS LIST

Parts List Number :75012148#M4PW4UP2

Model Number :M4PW4036A1000BA

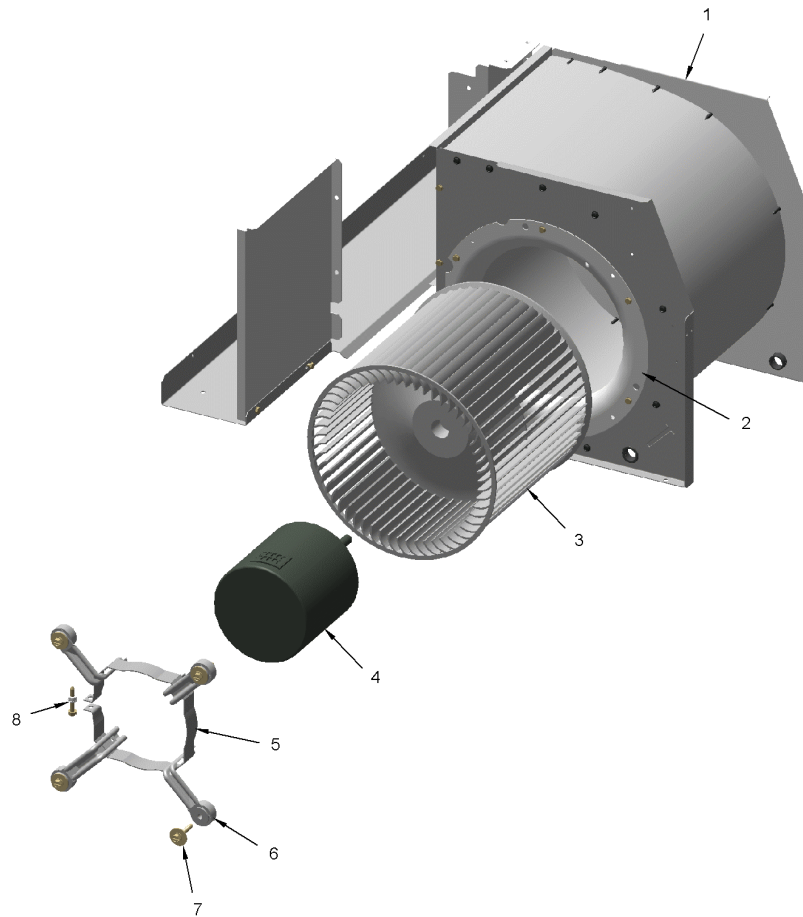
| Part No. | Reference No. | Quantity | Description                                                                         |
|----------|---------------|----------|-------------------------------------------------------------------------------------|
| COL25563 | 1             | 1        | COIL; OUTDOOR, FLAT FIN, 54.54 X 30.13                                              |
| VAL11970 | 2             | 1        | VALVE; TEV HXCE 2 ZX200 R410A                                                       |
| SEN01370 | 3             | 1        | SENSOR; ASSEMBLY, 9.75 K RESISTANCE OHMS AT 75 DEG F, YELLOW WIRES, 73 IN AND 75 IN |
| DST00894 | 4             | 1        | DISTRIBUTOR; 4 OUTLETS, 19 ODS, .50 ODM INLET, BRASS                                |
| CLP00223 | 5             | 1        | CLIP; BULB                                                                          |

## BLOWER

75010920

REV.  
A

## TYPICAL ILLUSTRATION



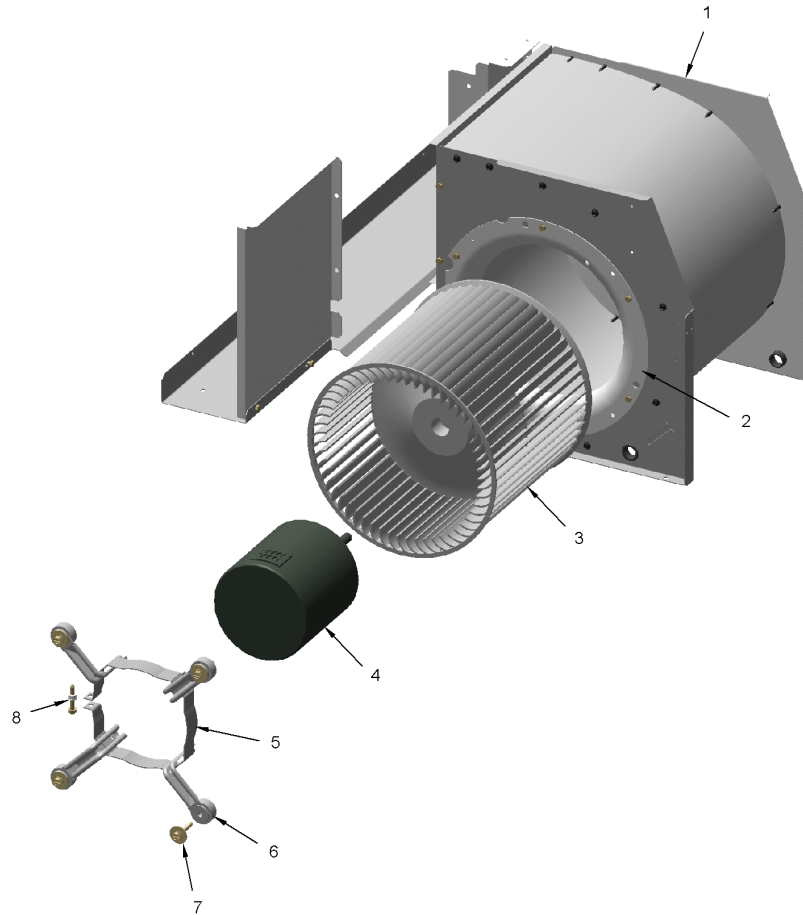
| Part No.                       | Reference No. | Quantity | Description       |
|--------------------------------|---------------|----------|-------------------|
| 75010920_M4PW4UP2_339262~<br>P | *             |          | BLOWER PARTS LIST |

BLOWER

75010920

REV.  
A

TYPICAL ILLUSTRATION



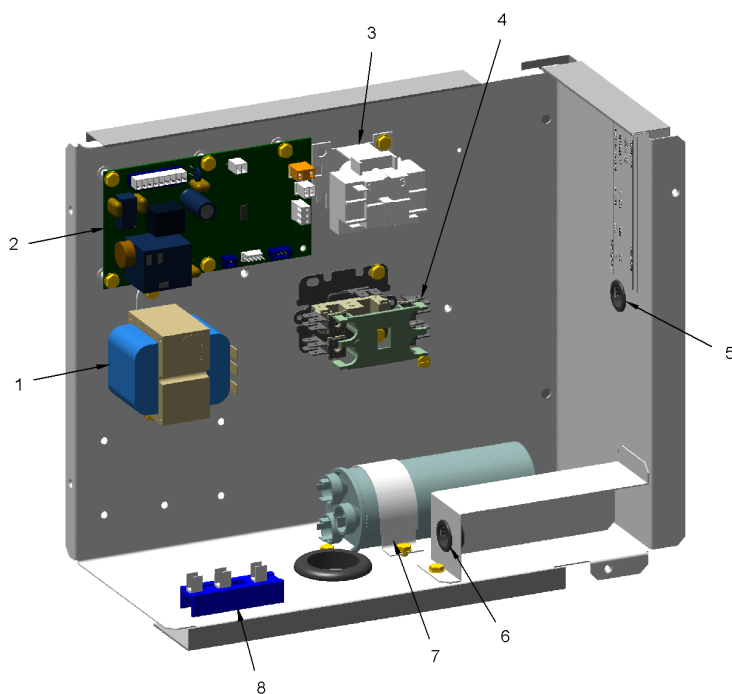
| Part No. | Reference No. | Quantity | Description                                                           |
|----------|---------------|----------|-----------------------------------------------------------------------|
| BUS00314 | *             | 2        | BUSHING; SNAP                                                         |
| SCR00981 | *             | 14       | SCREW, 10-16 AB HXW 1/2 S                                             |
| SCR00995 | *             | 20       | SCREW; 10-16 AB HXW 3/4 S N                                           |
| HUS03803 | 1             | 1        | HOUSING; BLOWER                                                       |
| ORF00613 | 2             | 1        | ORIFICE; BLOWER ASSEMBLY                                              |
| WHL02559 | 3             | 1        | WHEEL; BLOWER, 48 BLADES, CW VIEWING HUB, CONCAVE DISC, 10.62 X 10.68 |
| MOT12888 | 4             | 1        | MOTOR; CONSTANT TORQUE, 1/2 HP, 208-230/60/1, 1050-600 RPM, CCW       |
| BND00026 | 5             | 1        | BAND; MOTOR MOUNT                                                     |
| ARM00196 | 6             | 4        | ARM; MOTOR MOUNT, INCLUDES GROMMET.                                   |
| SCR02112 | 7             | 4        | SCREW; ASSEMBLY-MOTOR MOUNT                                           |
| NUT00487 | 8             | 1        | NUT; STEEL HEX, 1/4-20                                                |
| SCR01584 | 8             | 1        | BOLT; 1/4-20 MA HX 1.5 S                                              |
| WAS00646 | 8             | 1        | WASHER; STEEL SPRING LOCK, 1/4 INCH                                   |

## CONTROLS

75010918

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### TYPICAL ILLUSTRATION



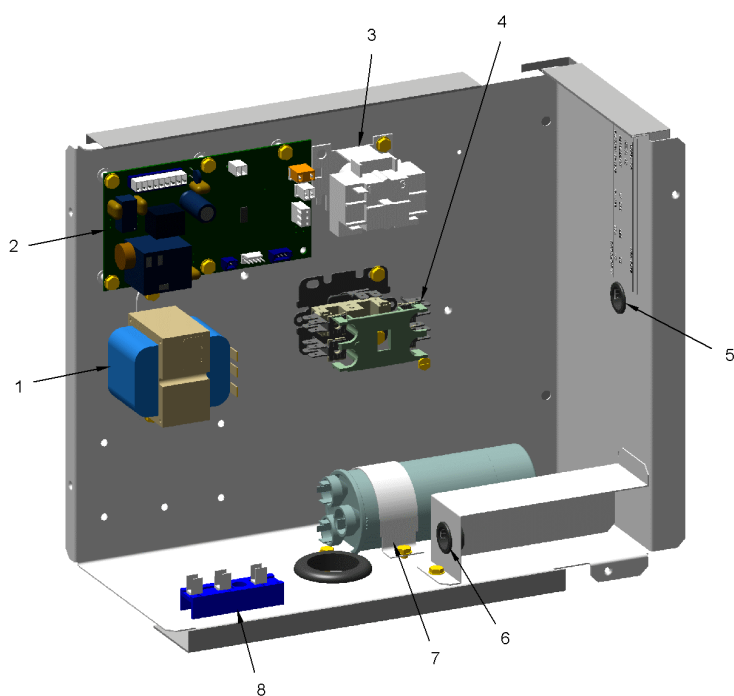
| Part No.                       | Reference No. | Quantity | Description         |
|--------------------------------|---------------|----------|---------------------|
| 75010918_M4PW4UP2_339261~<br>P | *             |          | CONTROLS PARTS LIST |

## CONTROLS

75010918

REV.  
A

### TYPICAL ILLUSTRATION



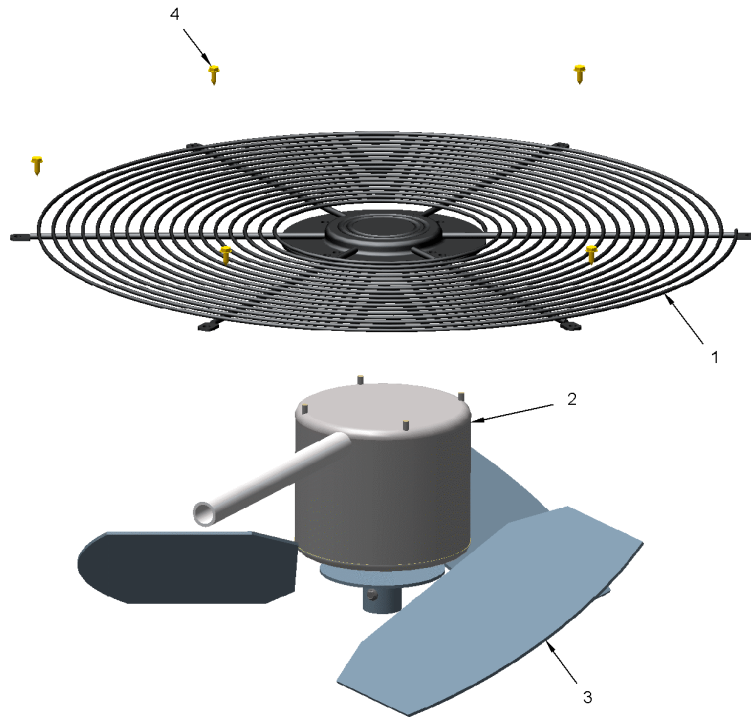
| Part No. | Reference No. | Quantity | Description                                                        |
|----------|---------------|----------|--------------------------------------------------------------------|
| RCT00062 | *             | 1        | RECEPTACLE; CONNECTOR, 6 PIN, POLARIZED, MALE                      |
| RES00171 | *             | 1        | RESISTOR; THERMISTOR, BLACK (OUTDOOR AIR SENSOR OR AMBIENT SENSOR) |
| WIR05172 | *             | 1        | WIRE; HARNESS, HEATER PLUG                                         |
| WIR07886 | *             | 1        | WIRE; HARNESS, CONTROLS, INCLUDES HI AND LOW VOLT MOTOR HARNESS    |
| TRR01898 | 1             | 1        | TRANSFORMER; 50VA, 208/240V PRI, 24V SEC                           |
| CNT07256 | 2             | 1        | CONTROL; DEFROST                                                   |
| RLY01384 | 3             | 1        | RELAY; 240/480V, 24V COIL                                          |
| CTR01010 | 4             | 1        | CONTACTOR; 35 AMP, 1 POLE W/ SHUNT, 24V COIL                       |
| SCR00998 | 4             | 1        | SCREW; 10-16 B HXW 1/2 S                                           |
| BUS00317 | 5             | 1        | BUSHING; SNAP                                                      |
| BUS00317 | 6             | 1        | BUSHING; SNAP                                                      |
| CPT02381 | 7             | 1        | CAPACITOR; RUN, 45 MFD, 440 VAC, ROUND, W/O RESISTOR               |
| BRD00385 | 8             | 1        | BOARD; TERMINAL, FAN, 24V, 3 POLE                                  |

FAN

75010925

REV.  
A

TYPICAL ILLUSTRATION



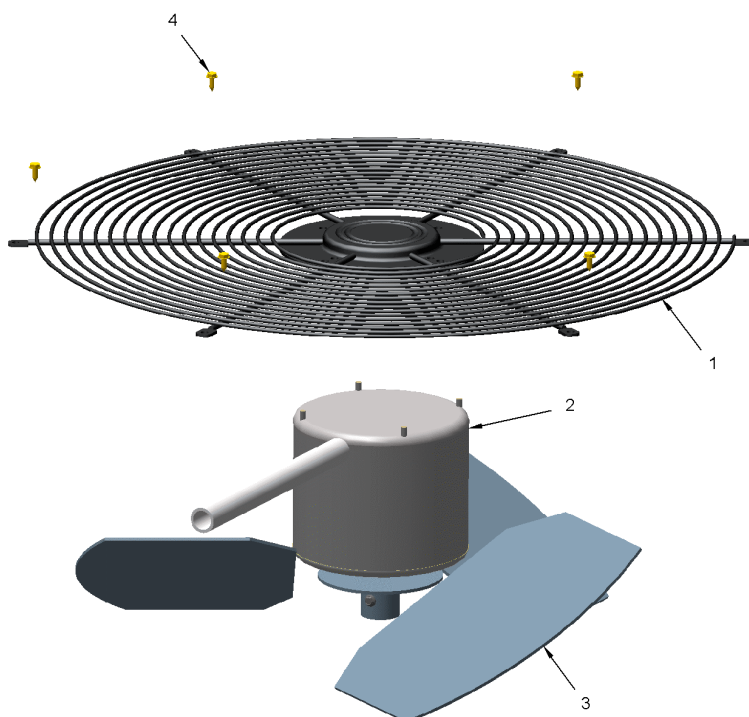
| Part No.                       | Reference No. | Quantity | Description    |
|--------------------------------|---------------|----------|----------------|
| 75010925_M4PW4UP2_309407~<br>P | *             |          | FAN PARTS LIST |

FAN

75010925

REV.  
A

TYPICAL ILLUSTRATION



| Part No. | Reference No. | Quantity | Description                                                                                          |
|----------|---------------|----------|------------------------------------------------------------------------------------------------------|
| NUT00845 | *             | 4        | NUT; FLANGE NIBBED                                                                                   |
| GRD01666 | 1             | 1        | GUARD; FAN, 23.35 MOUNTING DIA                                                                       |
| MOT17076 | 2             | 1        | MOTOR; OUTDOOR, VARIABLE SPEED, 1/3 HP, 200-230/60/1, 850/520 RPM, CW (OPE), 48 FRAME, BALL BEARINGS |
| FAN03552 | 3             | 1        | FAN; 3 BLADE, 20 IN DIA, 34 DEG PITCH, .5 IN BORE, CW                                                |
| SCR01510 | 4             | 6        | SCREW; 10-16 AB HXW 1/2 SN                                                                           |

| Part No.                   | Reference No. | Quantity | Description                   |
|----------------------------|---------------|----------|-------------------------------|
| NGRAPHIC_M4PW4UP2_309409~P | *             |          | OPTIONAL EQUIPMENT PARTS LIST |

NO GRAPHIC AVAILABLE

75013702

REV  
A

**NO  
GRAPHIC  
AVAILABLE**

Parts List Number :75012148#M4PW4UP2

Model Number :M4PW4036A1000BA

| Part No. | Reference No. | Quantity | Description                               |
|----------|---------------|----------|-------------------------------------------|
| HTR04982 | *             | 1        | HEATER; ASSEMBLY, COMPLETE (BAYHTRC106AC) |
| HTR04984 | *             | 1        | HEATER; ASSEMBLY, COMPLETE (BAYHTRC111AC) |
| HTR04986 | *             | 1        | HEATER; ASSEMBLY, COMPLETE (BAYHTRC117AC) |
| HTR07512 | *             | 1        | HEATER; ASSEMBLY, COMPLETE (BAYHTRC109AA) |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
| MODEL NUMBER DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 75011347 | REL<br>A |
| PACKAGED HEAT PUMP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |          |
| <div><div>Example Model Number:</div><div>M4PW4030A1000AA</div><div>1 - - - 5 - - - 10 - - - 15</div></div> <div><div>Digit 1 – Brand Name</div><div>M = Ameristar</div><div>Digit 2 – Type</div><div>4 = R 410</div><div>Digit 3,4 – Type</div><div>PW = Packaged Heat Pump (Over Under)</div><div>Digit 5 – Efficiency Tier</div><div>4 = 14 SEER</div><div>Digits 6,7,8 – Capacity (Btu/h x 1000)</div><div>024 = 24,000 Btu/h</div><div>030 = 30,000 Btu/h</div><div>036 = 36,000 Btu/h</div><div>042 = 42,000 Btu/h</div><div>Digit 9 – Major Design Change</div><div>Digit 10 – Voltage &amp; Phase</div><div>1 = 230V 1 Phase</div><div>Digit 11,12,13 – Gas Heat Input (MBTU/H)</div><div>000 = Heat Pump</div><div>Digit 14 – Minor Design Change</div><div>Digit 15 – Service Digit - Not Orderable</div></div> |          |          |
| 1 of 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |          |

| Part No.                       | Reference No. | Quantity | Description                         |
|--------------------------------|---------------|----------|-------------------------------------|
| 75011347_M4PW4UP2_261772~<br>P | *             |          | MODEL NUMBER DESCRIPTION PARTS LIST |

# MODEL NUMBER DESCRIPTION

## PACKAGED HEAT PUMP

75011347

Example Model Number:  
**M 4 P W 4 0 3 0 A 1 0 0 0 A A**  
 1 - - - 5 - - - 10 - - - 15

### Digit 1 – Brand Name

M = Ameristar

### Digit 2 – Type

4 = R 410

### Digit 3,4 – Type

PW = Packaged Heat Pump (Over Under)

### Digit 5 – Efficiency Tier

4 = 14 SEER

### Digits 6,7,8 – Capacity (Btu/h x 1000)

024 = 24,000 Btu/h

030 = 30,000 Btu/h

036 = 36,000 Btu/h

042 = 42,000 Btu/h

### Digit 9 – Major Design Change

### Digit 10 – Voltage & Phase

1 = 230V 1 Phase

### Digit 11,12,13 – Gas Heat Input (MBTU/H)

000 = Heat Pump

### Digit 14 – Minor Design Change

### Digit 15 – Service Digit - Not Orderable

1 of 1

