

| Part No. | Reference No. | Quantity | Description                                         |
|----------|---------------|----------|-----------------------------------------------------|
| 75009901 | SEC 01        |          | MODEL NUMBER DESCRIPTION DIGIT 1-17                 |
| 75009902 | SEC 01        |          | MODEL NUMBER DESCRIPTION DIGIT 18-31                |
| 75009005 | SEC 02        |          | GENERAL ILLUSTRATION                                |
| 75010913 | SEC 03        |          | COMPRESSOR MOUNTING HARDWARE                        |
| 75011760 | SEC 03        |          | COMPRESSOR POWER HARNESSSES                         |
| 75009944 | SEC 03        |          | REFRIGERATION CIRCUIT CONTROLS                      |
| 75009909 | SEC 04        |          | FILTERS AND DRAIN PANS                              |
| 75009911 | SEC 10        |          | OUTDOOR CONDENSOR COIL AND HOT GAS VALVE, HEAT PUMP |
| 75009947 | SEC 16        |          | INDOOR EVAP COIL, HEAT PUMP                         |
| 75009958 | SEC 25        |          | UNIT SENSING                                        |
| 75012745 | SEC 42        |          | AIR FLOW PANELS                                     |
| 75012750 | SEC 44        |          | COMM PANELS                                         |
| 75012144 | SEC 45        |          | OPTIONAL FIELD INSTALLED ACCESSORIES                |

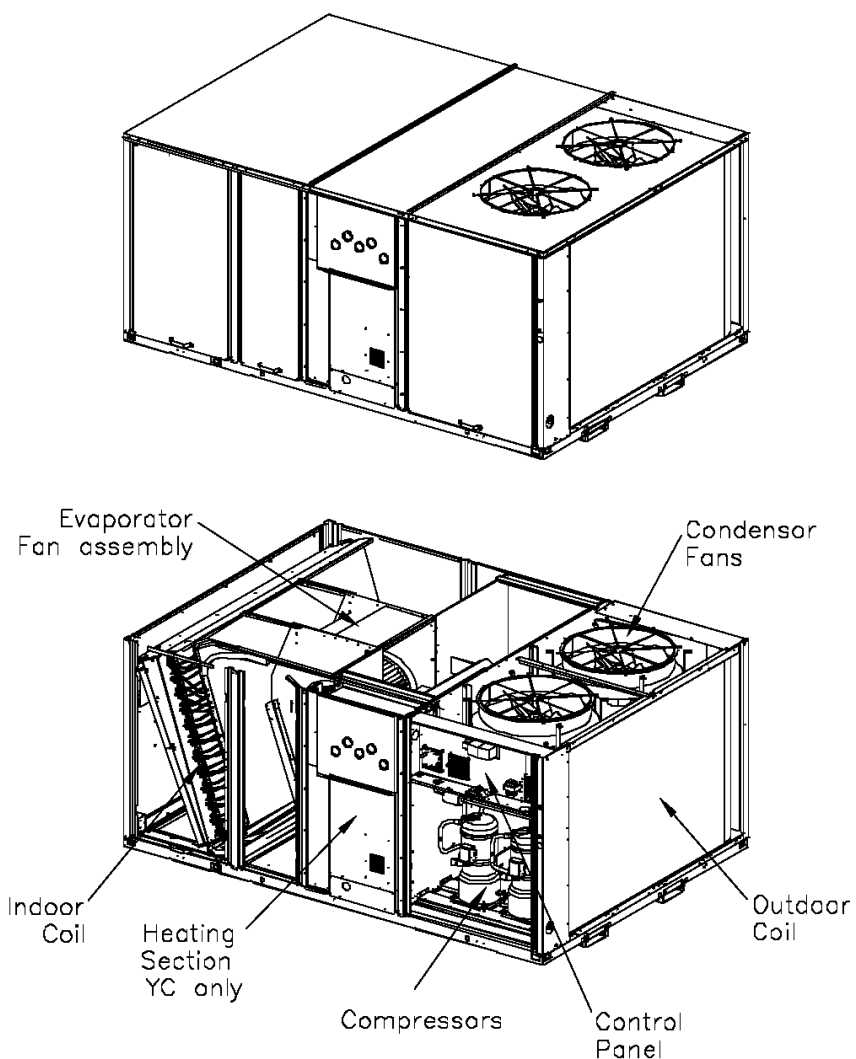
| Model Number Description                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 75009901 | REV<br>E |
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| Voyager 2<br>Digits 1-17                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |          |
| Digit 1 Unit Type<br>Y= Gas/Electric<br>T= Cooling<br>W= Heat pump                                                                                                                                                                                                                                                | Digit 12,13 Service Sequence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |          |
| Digit 2 Efficiency<br>S= Standard<br>H= High<br>Z= Ultra High                                                                                                                                                                                                                                                     | Digit 14 Fresh Air Selection<br>0= No Fresh Air<br>A= Manual damper<br>D= Econ Dry Bulb w/ barometric relief<br>F= Econ Reference Enthaply<br>with barometric relief<br>H= Econ Comparative Enthaply<br>with barometric relief<br>K= Low Leak Econ Dry Bulb<br>with barometric relief<br>M= Low Leak Econ Reference Enthalpy<br>with barometric relief<br>P= Low Leak Econ Comparative Enthalpy<br>with barometric relief                                                                                                                                                                                                                                                                                                                                                                  |          |          |
| Digit 3 Airflow<br>D= Downflow<br>H= Horizontal                                                                                                                                                                                                                                                                   | Digit 15 Supply Fan/Drive Type/Motor<br>0= Standard Drive<br>1= Oversized Motor<br>3= High Efficiency Belt Drive<br>6= Single Zone Variable Air Volume Standard<br>7= Two Speed Standard<br>8= Single Zone Variable Air Volume Oversized<br>9= Two Speed Oversized<br>A= Single Zone Variable Air Volume Standard<br>with Shaft Ground Ring<br>B= Two Speed Standard w/ Shaft Ground Ring<br>C= Single Zone Variable Air Volume Oversized<br>with Shaft Ground Ring<br>D= Two Speed Oversized w/ Shaft Ground Ring<br>E= VAV Supply Air Temperature Control -<br>Standard<br>F= VAV Supply Air Temperature Control -<br>Oversized<br>G= VAV Supply Air Temperature Control -<br>Standard w/ Shaft Ground Ring<br>H= VAV Supply Air Temperature Control -<br>Oversized w/ Shaft Ground Ring |          |          |
| Digit 4,5,6 Unit Tonnage<br>150= 12.5 Ton<br>155= 15 Ton 50 hz<br>175= 17.5 Ton 50 hz<br>180= 15 Ton<br>200= 20 Ton 50 hz<br>210= 17.5 Ton<br>240= 20 Ton<br>250= 25 Ton 50 hz<br>300= 25 Ton                                                                                                                     | Digit 16 Hinged Service Access / Filters<br>0= Standard panels/standard filters<br>A= Hinged access/standard filters<br>B= Standard panels/2" inch pleated filters<br>C= Hinged access/2" inch pleated filters<br>D= Standard panels/MERV 13 filters<br>E= Hinged access/MERV 13 filters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |
| Digit 7 Major Design Sequence<br>E= R-410a<br>F= Micro-channel<br>G= ASHRAE 90.1                                                                                                                                                                                                                                  | Digit 17 Condenser Coil Protection<br>0= Standard coil<br>1= Standard coil with hail guard<br>2= Epoxy Coated Condenser Coil<br>3= Epoxy Coated Condenser Coil<br>and Hail Guard<br>4= ECoated Coil<br>5= ECoated Coil with Hail Guard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |          |
| Digit 8 Voltage Selection<br>3= 230/60/3<br>4= 460/60/3<br>D= 380-415/50/3<br>K= 380/60/3<br>T= 200/50/3<br>W= 575/60/3                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |          |
| Digit 9 Unit Controls<br>R= Reliatel                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |          |
| Digit 10 Heating Capacity<br>0= No Heat<br>G= 18 kW electric heat<br>K= 27 kW electric heat<br>N= 36 kW electric heat<br>P= 54 kW electric heat<br>R= 72 kW electric heat<br>H= Gas Heat - High<br>L= Gas Heat - Low<br>V= Gas Heat - Modulating<br>X= Gas Heat - SS Ht Ex - Low<br>Z= Gas Heat - SS Ht Ex - High |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |          |
| Digit 11 Minor Design Sequence<br>A= Minor Des. Seq.                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |          |

| Model Number Description                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 75009902                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | REV<br>E |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Voyager 2<br>Digits 18-31                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
| Digit 18 Through The Base Provisions<br>0= No through the base provisions<br>A= Through the base electric<br>B= Through the base gas<br>C= Through the base electric and gas<br>D= Through the base access                                                                                                                                                                                                                                        |  | Digit 25 System Monitoring Controls<br>0= No monitoring controls<br>1= Clogged filter switch<br>2= Fan failure switch<br>3= Discharge air sensing<br>4= Clogged filter switch and fan failure<br>5= Clogged switch and discharge air sensing<br>6= Fan failure switch and discharge air sensing<br>7= Clogged filter switch, fan failure switch and discharge air sensing<br>8= NOVAR Return Air Sensor (Novar 2024)<br>9= NOVAR Zone Temp Sensor (Novar 3051)<br>A= Condensate Overflow Switch<br>B= Condensate Overflow Switch and Clogged filter switch<br>C= Condensate Overflow Switch and Fan Fail<br>D= Condensate Overflow Switch and Discharge Air<br>E= Condensate Overflow Switch and Clogged filter switch, Fan Fail<br>F= Condensate Overflow Switch and Clogged filter switch, Discharge Air<br>G= Condensate Overflow Switch and Fan Fail, Discharge Air<br>H= Condensate Overflow Switch, Clogged Filter, Fan Fail, Discharge Air |          |
| Digit 19 Disconnect Switch/<br>Circuit Breaker<br>0= No Disconnect, circuit break, phase monitor<br>1= Unit Mount Non-Fused and Disconnect Switch<br>2= Unit Mount Circuit Breaker<br>3= Phase Monitor<br>4= Phase Monitor and Disconnect<br>5= Phase Monitor and Circuit Breaker                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
| Digit 20 Convenience Outlet Option<br>0= Without Convenience Outlet<br>A= Convenience Outlet Unpowered (FIELD)<br>B= Convenience Outlet Powered (FACTORY)                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
| Digit 21 Communications Options<br>0= Without Communications Options<br>1= Trane Communications Interface<br>2= Lontalk Communications Interface<br>3= Novar 2024 Controls Interface<br>4= Novar 3051 Controls Interface<br>5= Novar 3051 Communications Interface with Demand Control Ventilation<br>6= Building Automation Control Network Communications Interface<br>7= Wireless Building Automation Control Network Communications Interface |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
| Digit 22 Refrigeration System Option<br>0= Standard refrigeration system<br>A= Thermal Expansion Valve (TXV)<br>B= Dehumidification (hot gas reheat)                                                                                                                                                                                                                                                                                              |  | Digit 26 System Monitoring Controls<br>0= No monitoring controls<br>A= Demand Control Ventilation<br>B= Fault Detection Device<br>C= Demand Control Ventilation and Fault Detection Device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |
| Digit 23 Refrigeration Controls<br>0= Without Refrigeration Controls<br>1= Froststat<br>2= Crankcase Heater<br>3= Froststat and Crankcase Heater<br>4= High Pressure Control<br>5= High Pressure Control and Froststat<br>6= High Pressure and Crankcase Heater<br>7= High Pressure, Crankcase Heater, Froststat                                                                                                                                  |  | Digit 27 Stainless Steel Drain pan<br>0= No stainless Drain pan<br>1= Stainless Steel Drain pan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
| Digit 24 Smoke Detector<br>0= Without Smoke Detector<br>A= Return Air Smoke Detector<br>B= Supply Air Smoke Detector<br>C= Return/Supply Air Smoke Detector                                                                                                                                                                                                                                                                                       |  | Digit 28 Short Circuit Current Rating (SCCR)<br>0= Standard<br>A= 65kA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | Digit 29,30 Reserved For Future<br>0= Standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | Digit 31 Unit Controls<br>0= Standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |

Voyager Rooftop  
General Illustration  
YCD240 shown

75009005

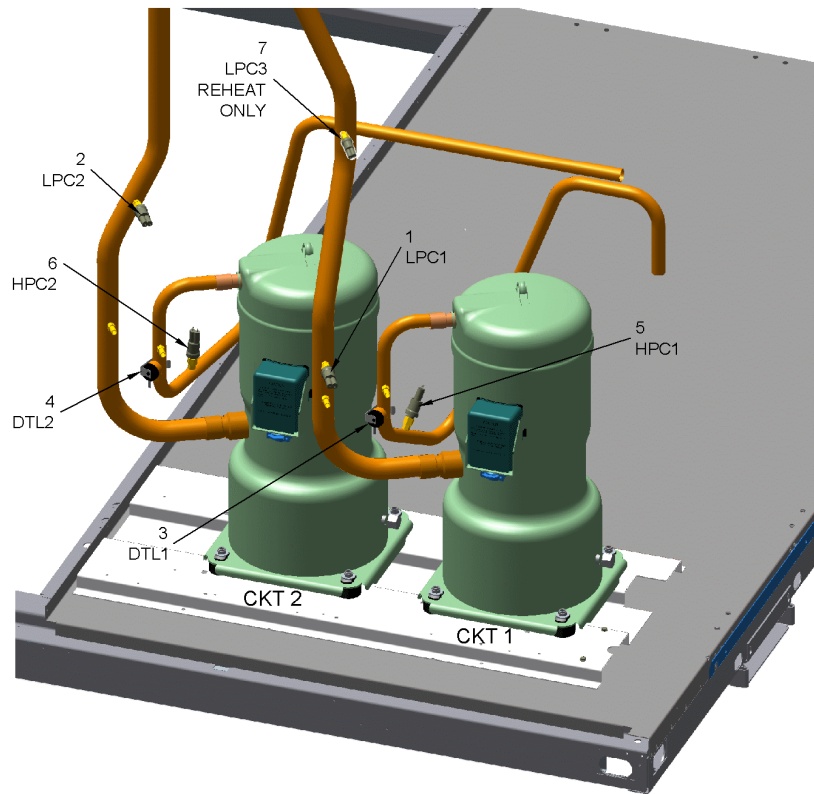
REV  
A



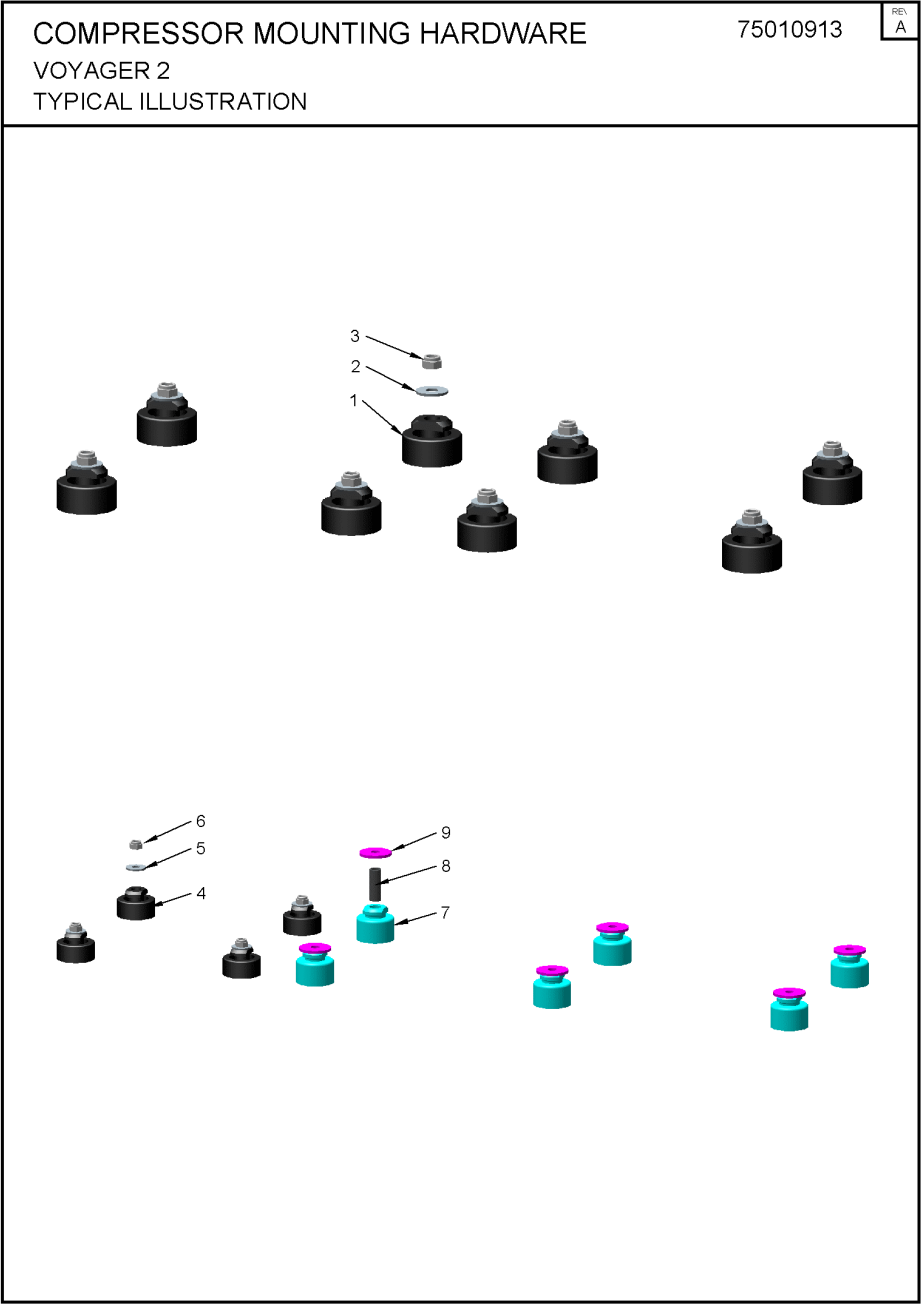
REFRIGERATION CIRCUIT CONTROLS

75009944

REV  
B



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

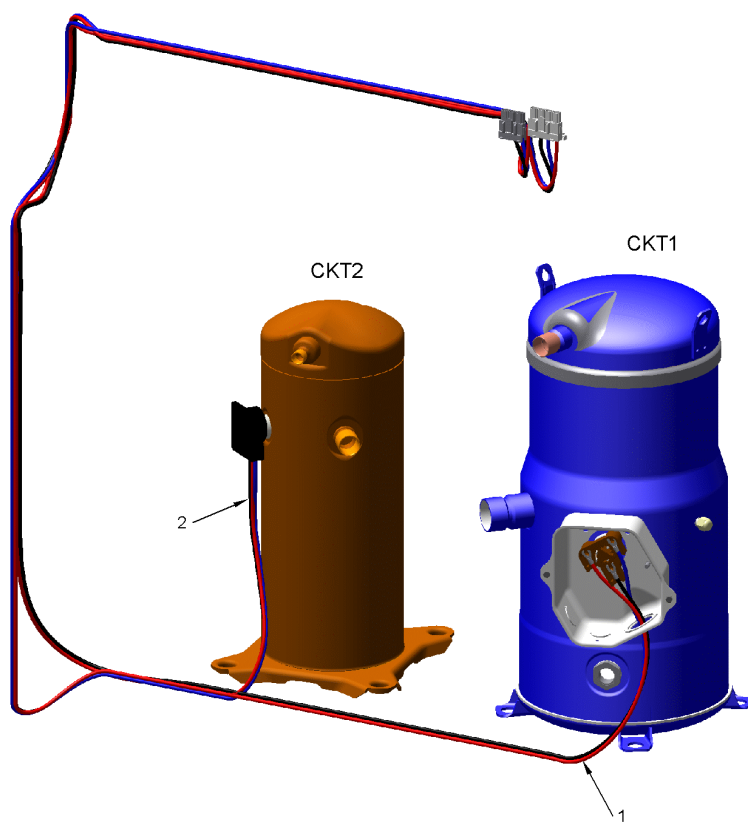


| Part No. | Reference No. | Quantity | Description                                                                                   |
|----------|---------------|----------|-----------------------------------------------------------------------------------------------|
| GRM00888 | 1             | 8        | GROMMET; ISOLATOR, COMPRESSOR, .438 ID X .160 GRV, .750 DIA X 1.625 OD, BLACK NEOPRENE RUBBER |
| NUT00355 | 3             | 8        | NUT; HEX, LOCK, 5/16IN.-18                                                                    |

COMPRESSOR POWER HARNESSES

75011760

REV.  
A

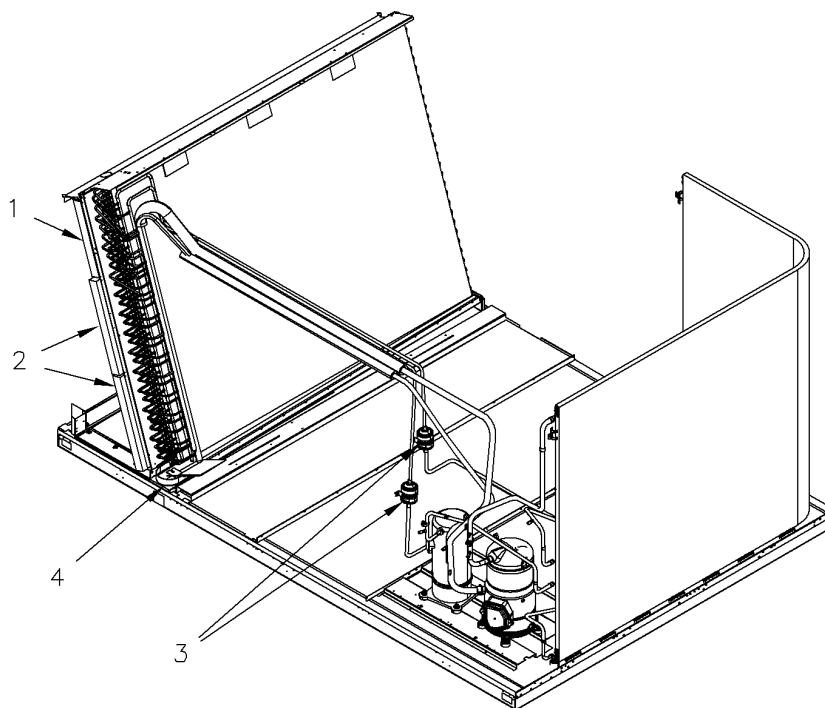


This is a typical illustration. The unit in the field may not appear exactly as shown.

FILTERS AND DRAIN PANS

75009909

REV  
A

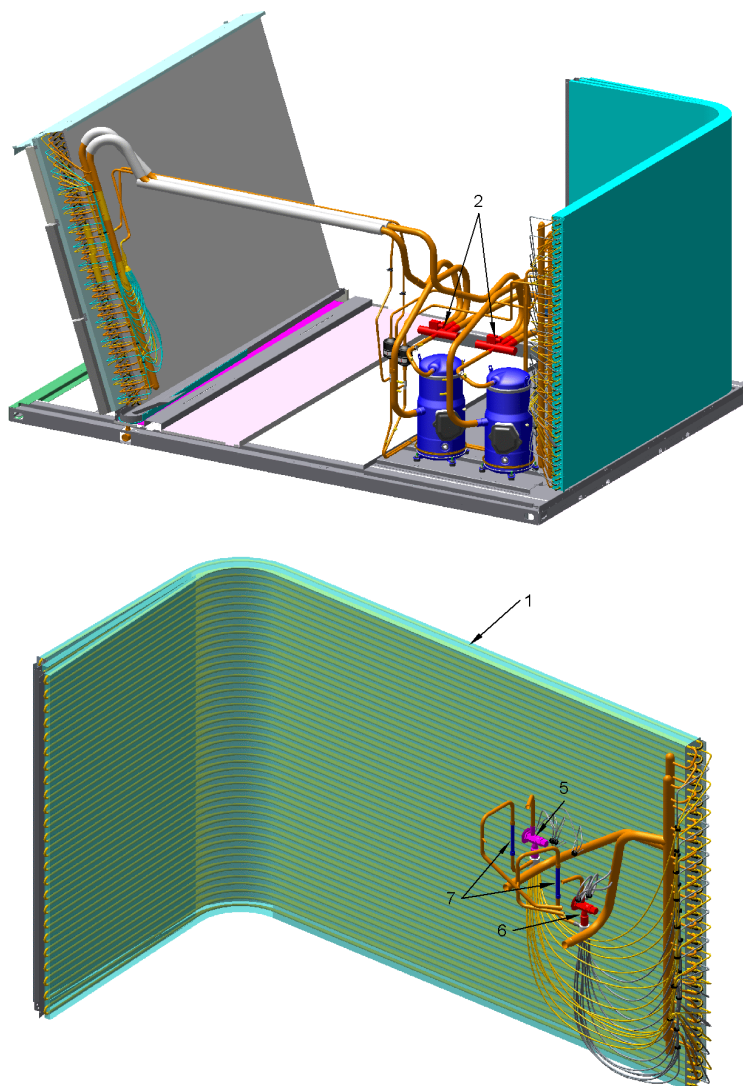


| Part No. | Reference No. | Quantity | Description                                                                                                                                          |
|----------|---------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| TOL04139 | *             | 2        | TOOL; FILTER REMOVAL                                                                                                                                 |
| DHY01470 | 3             | 2        | DRIER; LIQUID LINE; SERVICE FIRST; 16 CU. IN. DCL165/4S, 5/8 ODF INLET X 1/2 ODF OUTLET; 11.4 TON CAPACITY; APPROVED FOR MINERAL OIL AND POE OIL REF |

OUTDOOR CONDENSOR COIL  
HEAT PUMP

75009911

REV  
C

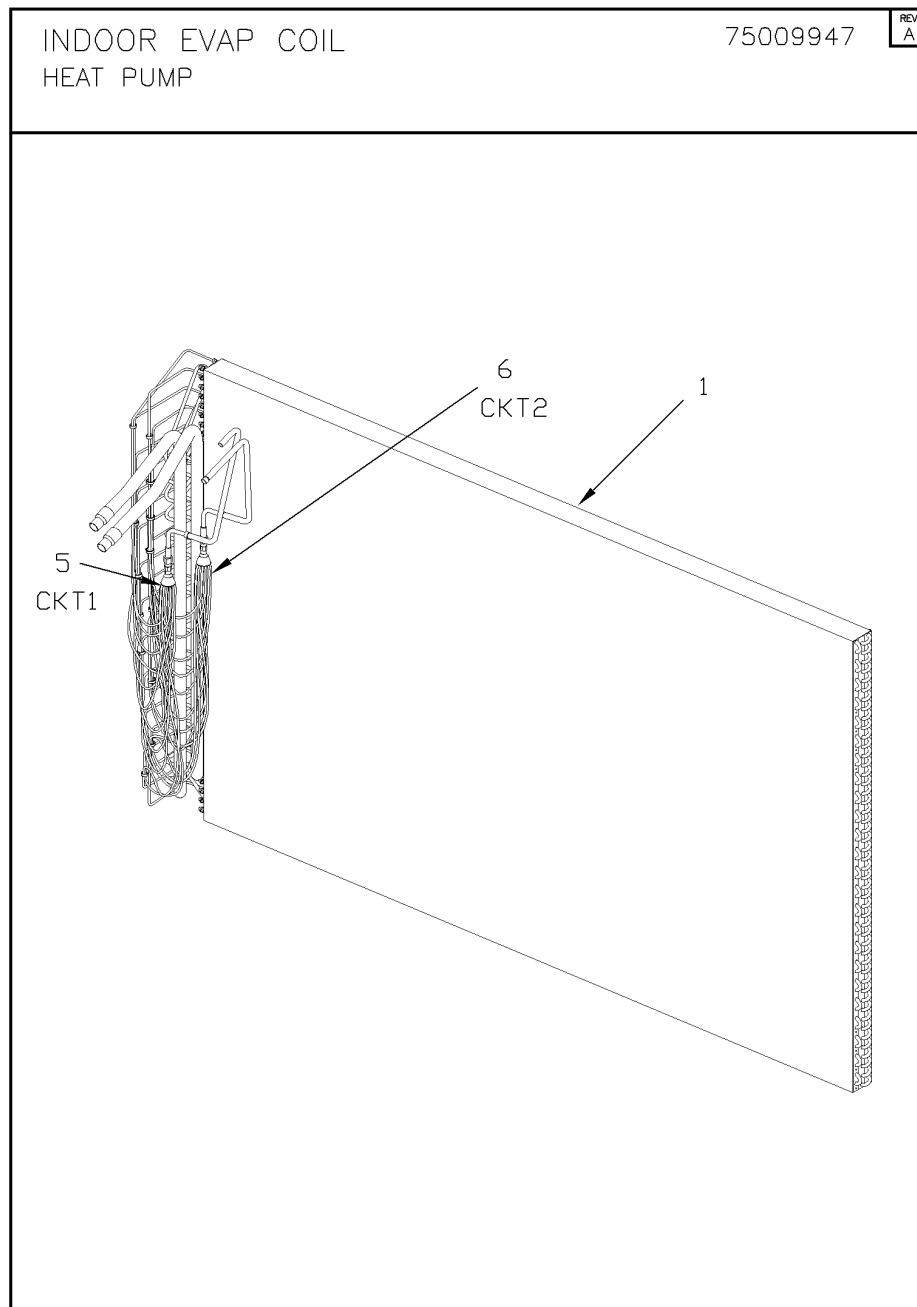


This is a typical illustration. The unit in the field may not appear exactly as shown.

Parts List Number :VOY2UP1

Model Number :WSH240E3R0B

| Part No. | Reference No. | Quantity | Description                                                                                                                                  |
|----------|---------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------|
| VAL08224 | 2             | 2        | VALVE; REVERSING; .88 ODF X 1.38 ODF, W/SOLENOID COIL W/O WIRE HARNESS, DISCHARGE: .88 ODF, SUCTION: 1.38 ODF, WITH SOLENOID COIL (COL11873) |
| VAL02189 | 7             | 0        | VALVE; CHECK, 1/2 ID INLET X 1/2 OD OUTLET, 4.6 IN LENGTH                                                                                    |

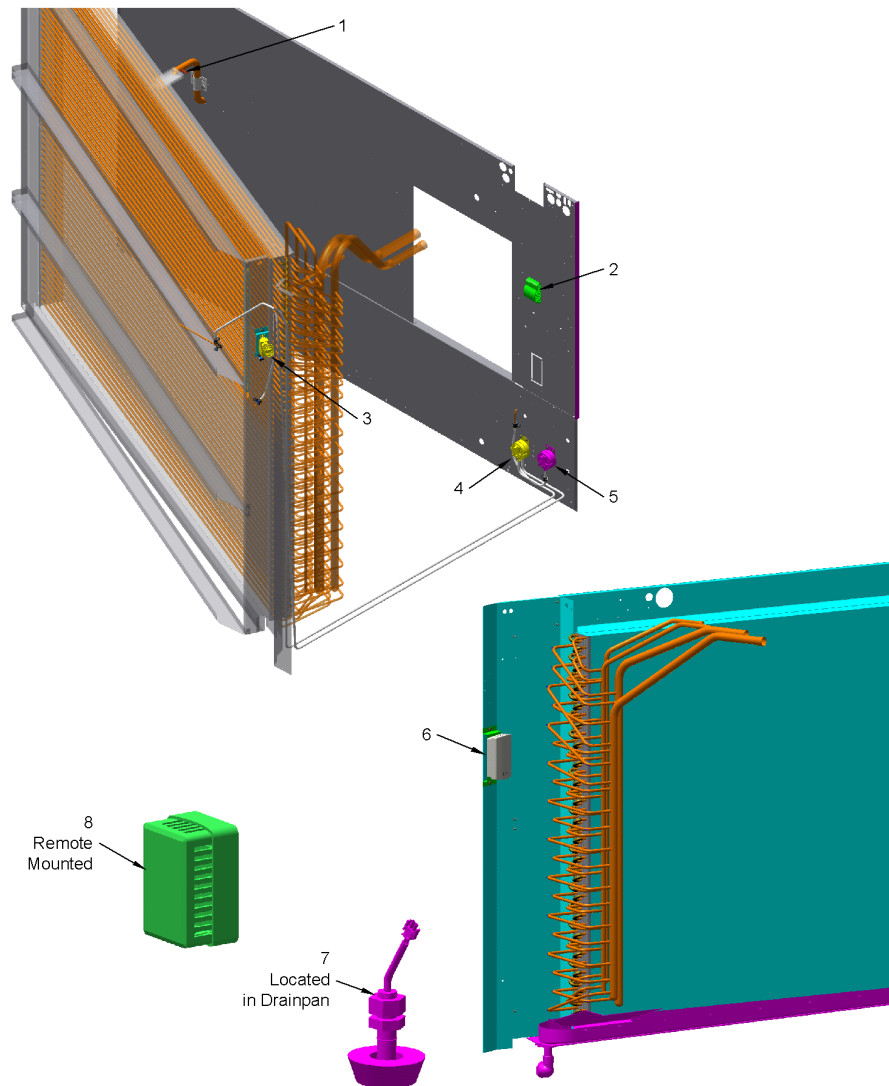


| Part No. | Reference No. | Quantity | Description                           |
|----------|---------------|----------|---------------------------------------|
| VAL10315 | 5             | 1        | VALVE; INDOOR FLOW CONTROL, CIRCUIT 2 |

## UNIT SENSORS

75009958

REV  
B



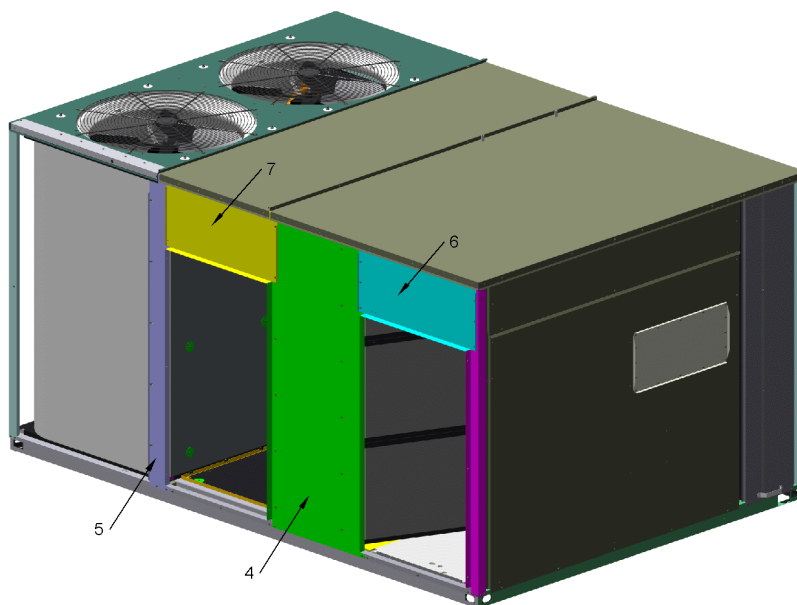
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                         |
|----------|---------------|----------|-------------------------------------|
| CNT06849 | 3             | 1        | CONTROL; DEFROST W / CAPILLARY, 60" |

## AIR FLOW PANELS

75012745

REV.  
A



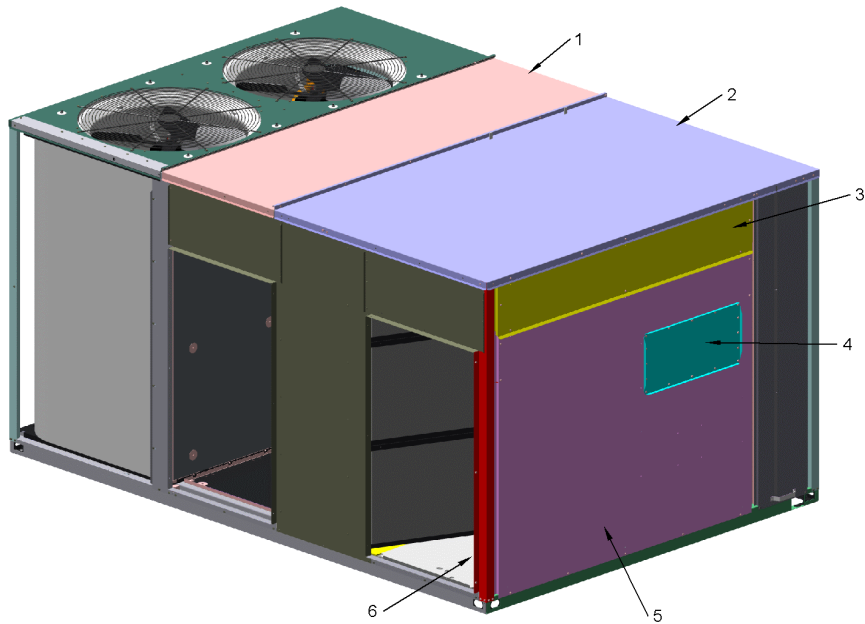
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                     |
|----------|---------------|----------|---------------------------------|
| PNL30975 | 4             | 1        | PANEL; REAR DUCT DIVIDER        |
| BRK05022 | 7             | 1        | BRACKET; DUCT FLANGE SUPPLY AIR |

COMM PANELS  
HORIZONTAL

75012750

REV.  
A



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

| Part No. | Reference No. | Quantity | Description                            |
|----------|---------------|----------|----------------------------------------|
| COV01384 | 1             | 1        | COVER, TOP HEAT SECTION ASSEMBLY       |
| COV01528 | 2             | 1        | COVER, TOP ASSEMBLY INDOOR SECTION     |
| PNL31983 | 3             | 1        | PANEL; TOP ECONOMINZER                 |
| COV01353 | 4             | 1        | COVER, MANUAL FRESH AIR, 24.42 X 11.71 |
| PNN01200 | 5             | 1        | PANEL; ECONOMIZER                      |

# VOYAGER

75012144

REV.  
A

## OPTIONAL FIELD INSTALLED ACCESSORIES

### ACCESSORY TYPE

|                                                                                                       |                                    |
|-------------------------------------------------------------------------------------------------------|------------------------------------|
| ECON = Economizer                                                                                     | ISLT = Isolator                    |
| ASCT = Anti-Cycle Timer                                                                               | KSKT = Start Accessory Kit         |
| BARM = Barometric Relief                                                                              | LEGS = Snow Legs                   |
| BASE = Base                                                                                           | LIFT = Roof Mount Kit              |
| BURN = Burner                                                                                         | LOAM = Low Ambient                 |
| CTHI = Board-Convention Interface                                                                     | LPKT = L.P. Kit                    |
| CURB = Roofcurb                                                                                       | MOTR = Low Ambient Motor Kit       |
| CCHT = Crankcase Heater                                                                               | NXKT = No Oxide Kit                |
| DFSR = Air Diffuser                                                                                   | PLNM = Plenum                      |
| DMPR = SS Damper                                                                                      | PLUS = Plus One Kit                |
| DNKT = Downflow Kit                                                                                   | PSMN = Power Supply Monitor Kit    |
| FCCV = Flow Control Check Valve                                                                       | PWRX = Power Exhaust               |
| FLSW = Flow Switch                                                                                    | QACB = Quick Adapt Curb            |
| FLTR = Filter                                                                                         | RLAY = Relay                       |
| FRST = High Temperature Sensor                                                                        | SENS = Sensor                      |
| GARD = Coil Guard                                                                                     | SPEK = Single Source Power Entry   |
| HALT = High Altitude Kit                                                                              | STAT = Thermostat                  |
| HSDR = Optimized Sheave Accessory                                                                     | STMT = Elapsed Time Meter          |
| HSMT = Oversized Motor Kit<br>or High Static Motor                                                    | TBKT = Thru Base Utility Kit       |
| HTR = Electric Heater (Digit 7 is<br>used to differentiate the<br>products accessory is used<br>with) | TEST = Test Accessory              |
| ICSI = Board Communication Interface                                                                  | TIME = ICS Interface Kit           |
|                                                                                                       | TXVA = Thermal Expansion Valve Kit |
|                                                                                                       | TXVH = Thermal Expansion Valve Kit |
|                                                                                                       | VDPR = Vent Damper                 |
|                                                                                                       | WATR = Hot Water or Steam Coil     |
|                                                                                                       | 2STG = 2 Stage Gas                 |

**When identifying accessories please  
refer to WAVE94591.**

