

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
75009908	SEC 03		COMPRESSORS AND CRANKCASE HEATERS
75009944	SEC 03		REFRIGERATION CIRCUIT CONTROLS
75009909	SEC 04		FILTERS AND DRAIN PANS
75009012	SEC 08		OUTDOOR FAN ASSEMBLY
75009952	SEC 09		INDOOR FAN ASSEMBLY
75009910	SEC 10		OUTDOOR CONDENSOR COIL
75012099	SEC 25		FROSTAT SENSOR
75009958	SEC 25		UNIT SENSING
75009810	SEC 26		VFD ASSEMBLY
75012744	SEC 41		AIR FLOW PANELS
75012749	SEC 43		COMM PANELS
75012144	SEC 45		OPTIONAL FIELD INSTALLED ACCESSORIES

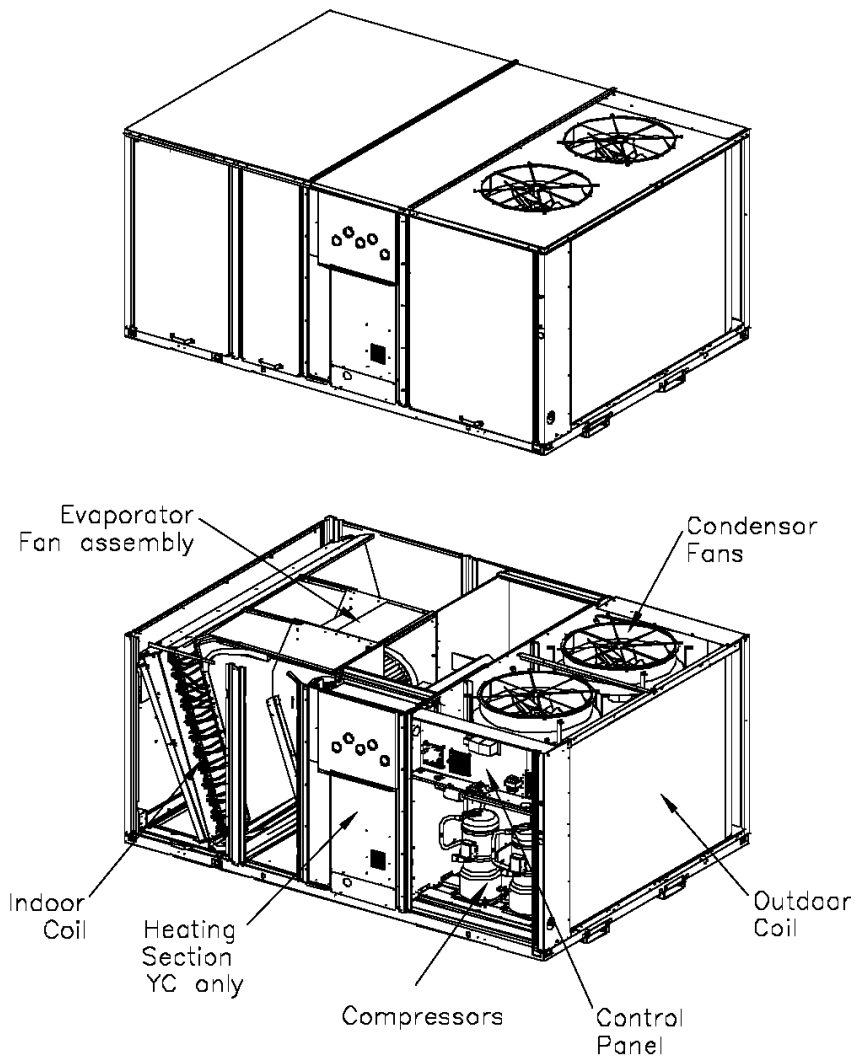
Model Number Description		75009902	REV E
Voyager 2 Digits 18-31			
Digit 18 Through The Base Provisions		Digit 25 System Monitoring Controls	
0= No through the base provisions		0= No monitoring controls	
A= Through the base electric		1= Clogged filter switch	
B= Through the base gas		2= Fan failure switch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

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

Voyager Rooftop
General Illustration
YCD240 shown

75009005

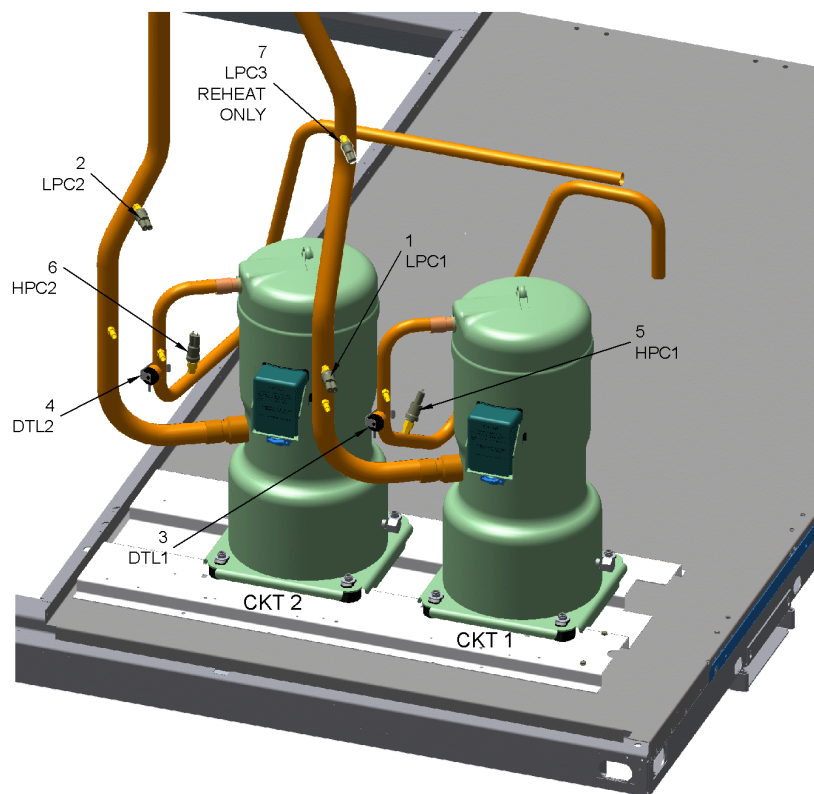
REV
A



REFRIGERATION CIRCUIT CONTROLS

75009944

REV
B

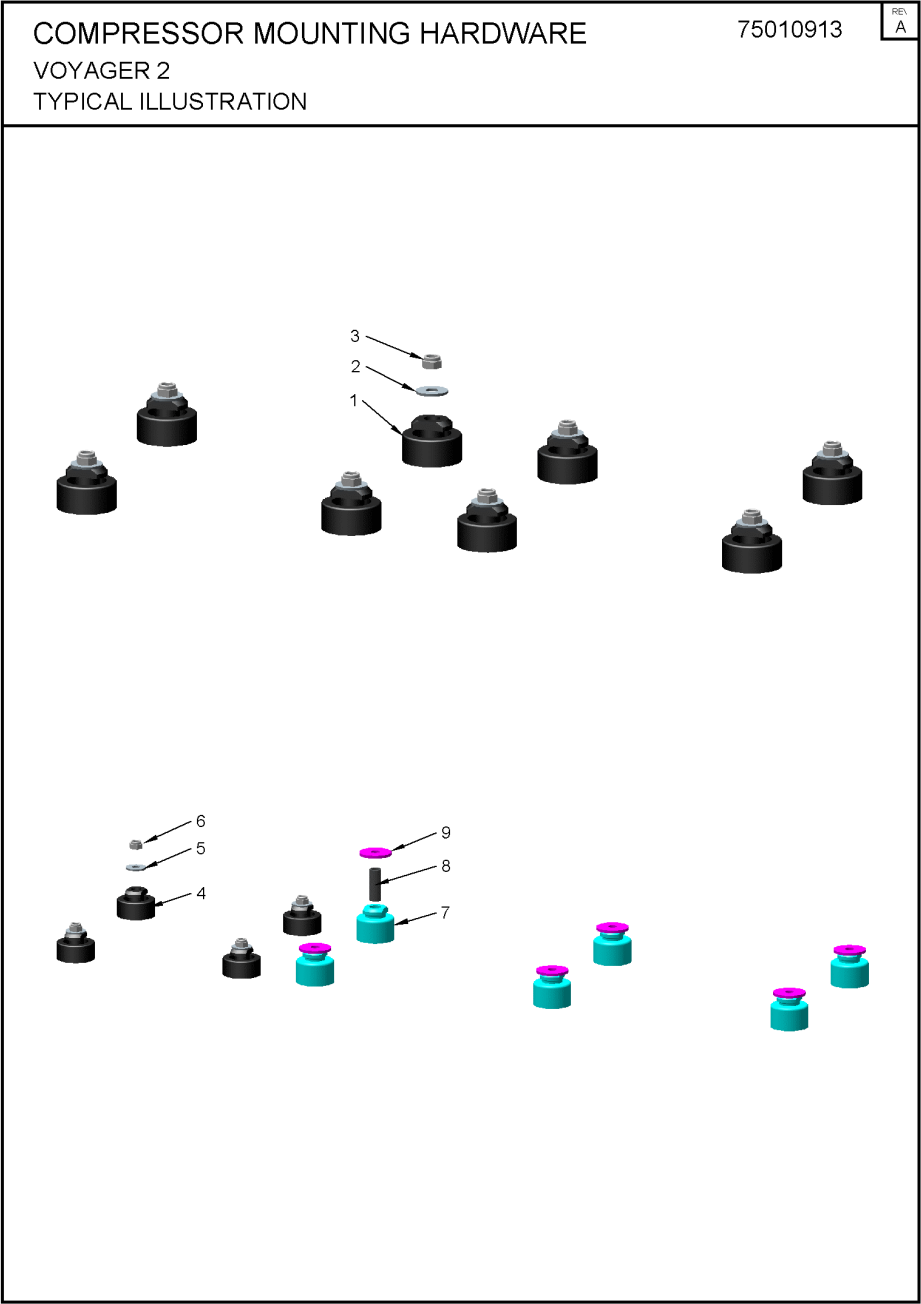


This is a typical illustration. The unit in the field may not appear exactly as shown.

Parts List Number :VOY2UP1

Model Number :TSD180F3R0A1B8B

Part No.	Reference No.	Quantity	Description
CNT04959	1	1	CONTROL; LOW PRESSURE, CLOSE ON RISE 41 PSIG, OPEN ON FALL 25 PSIG, 6.0 FLA, 36 LRA AT 120/240 VAC, BLUE LEADS
CNT04961	2	1	CONTROL, LOW PRESSURE, 25 OPEN, 41 CLOSE, .25 FFL, 55.00 LEADS WITH 1/4 INSUL., FEMALE QC TERMINAL
THT02762	3	1	THERMOSTAT; WITH CLIP, .875 TUBE, 72" BLACK WIRES, SPST, 230F OPEN, 180F CLOSE
THT02761	4	1	THERMOSTAT; WITH CLIP, .5/.625 TUBE, 72" RED WIRES, SPST, 230F OPEN, 180F CLOSE
CNT04958	5	1	CONTROL; HIGH PRESSURE CUTOUT, ACTUATION PRESSURE 650 PSIG, DEACTUATION PRESSURE 550 PSIG, 6.0 FLA, 36 LRA AT 120/240 VAC, 72 IN LEADS WITH FEMALE 1/4 QC
CNT04960	6	1	CONTROL; HIGH PRESSURE, 650 OPEN, 550 CLOSE, .25 FFL W/DEFLATOR, 72.00 RED LEADS WITH 1/4 FEMALE AND MALE QC-BLACK.

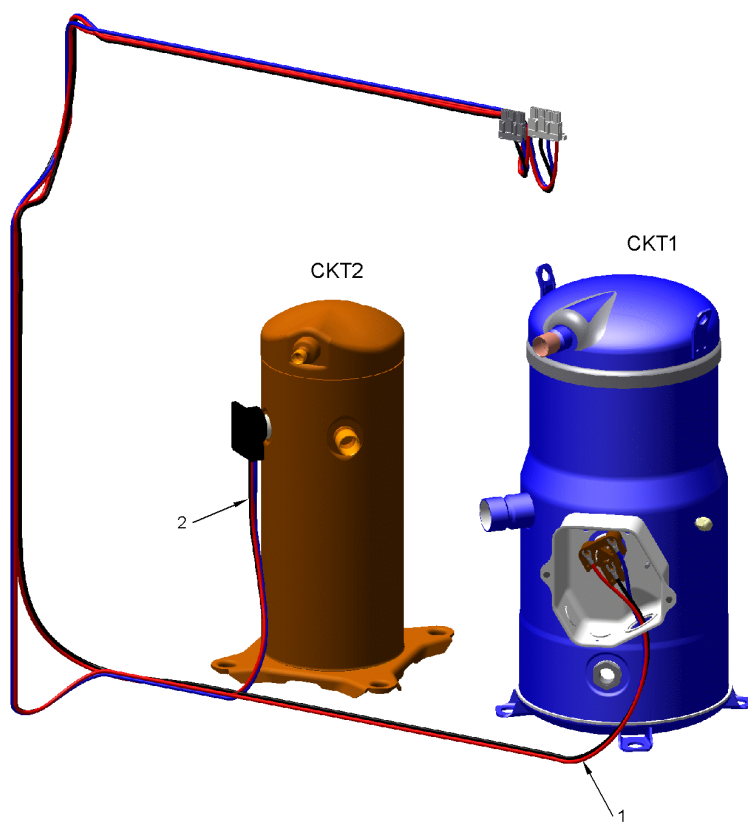


Part No.	Reference No.	Quantity	Description
GRM00888	1	8	GROMMET; ISOLATOR, COMPRESSOR, .438 ID X .160 GRV, .750 DIA X 1.625 OD, BLACK NEOPRENE RUBBER
NUT00355	3	8	NUT; HEX, LOCK, 5/16IN.-18

COMPRESSOR POWER HARNESSES

75011760

REV.
A



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Parts List Number :VOY2UP1

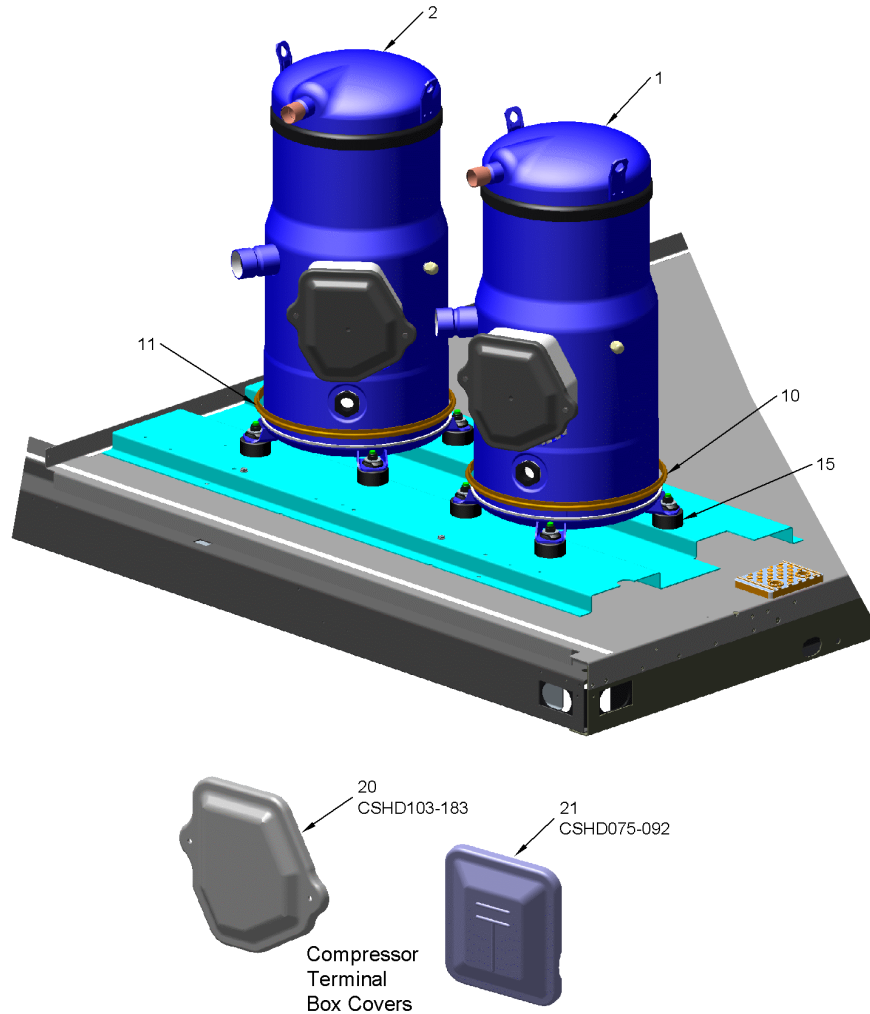
Model Number :TSD180F3R0A1B8B

Part No.	Reference No.	Quantity	Description
WIR08321	1	1	WIRE; HARNESS, COMPRESSOR POWER - CIRCUIT 1
WIR08285	2	1	WIRE; HARNESS, COMPRESSOR POWER - CIRCUIT 2

COMPRESSORS
AND CRANKCASE HEATERS

75009908

REV
B



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

Parts List Number :VOY2UP1

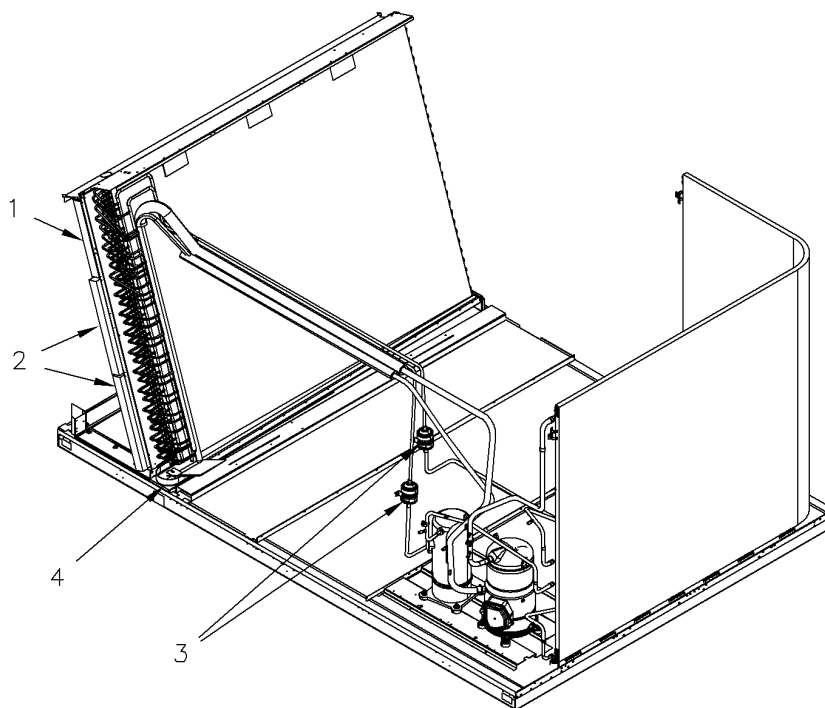
Model Number :TSD180F3R0A1B8B

Part No.	Reference No.	Quantity	Description
HTR15175	10	1	HEATER; CRANKCASE, 95 WATTS, 230 VOLTS
HTR15357	11	1	HEATER; CRANKCASE, 70W 230V 6.63 DIA
GRM00888	15	8	GROMMET; ISOLATOR, COMPRESSOR, .438 ID X .160 GRV, .750 DIA X 1.625 OD, BLACK NEOPRENE RUBBER
COV04174	20	0	COVER; TERMINAL BOX, R410A, LIQUID TIGHT
KIT16237	21	0	KIT; COMPRESSOR COMPONENTS - INCLUDES COVER, TERMINAL BLOCK AND CLIP

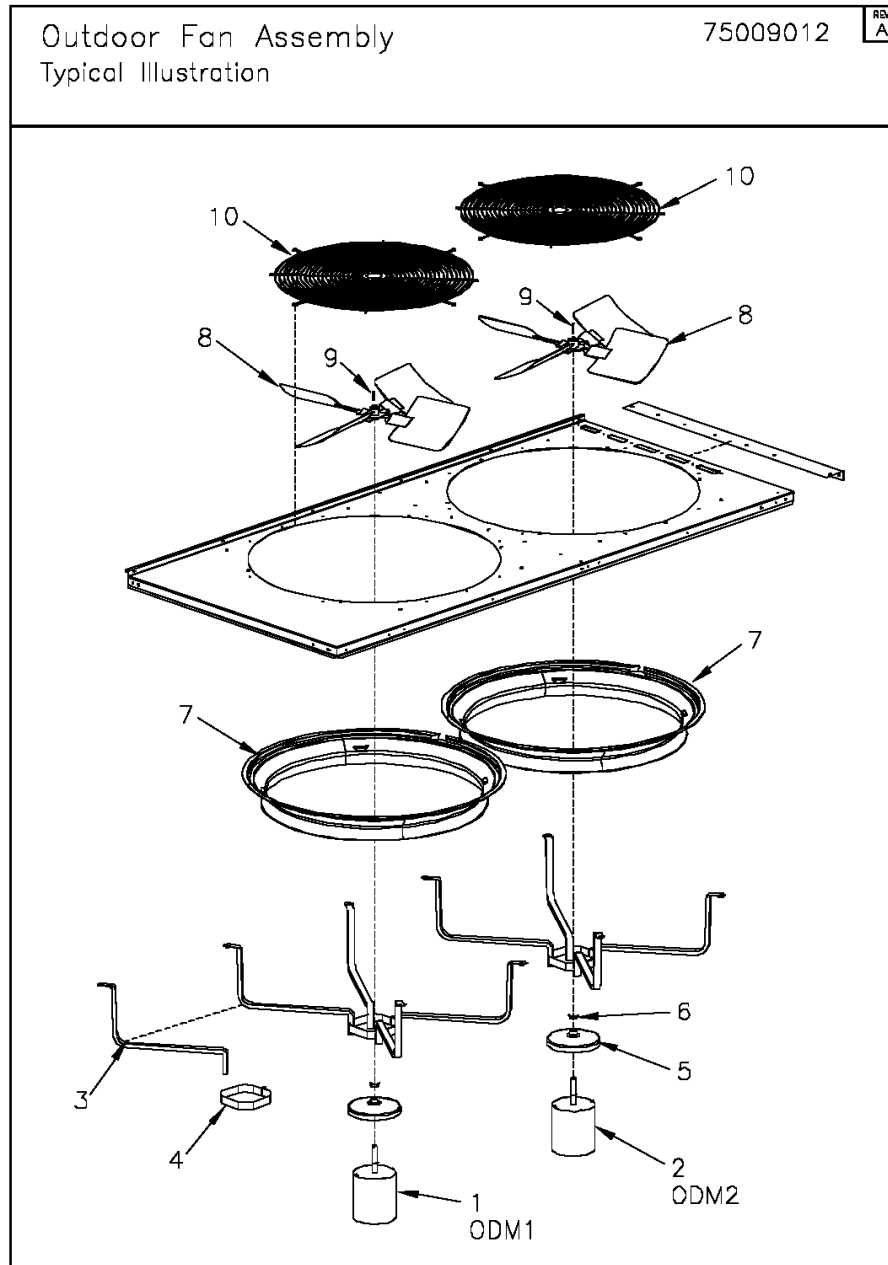
FILTERS AND DRAIN PANS

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

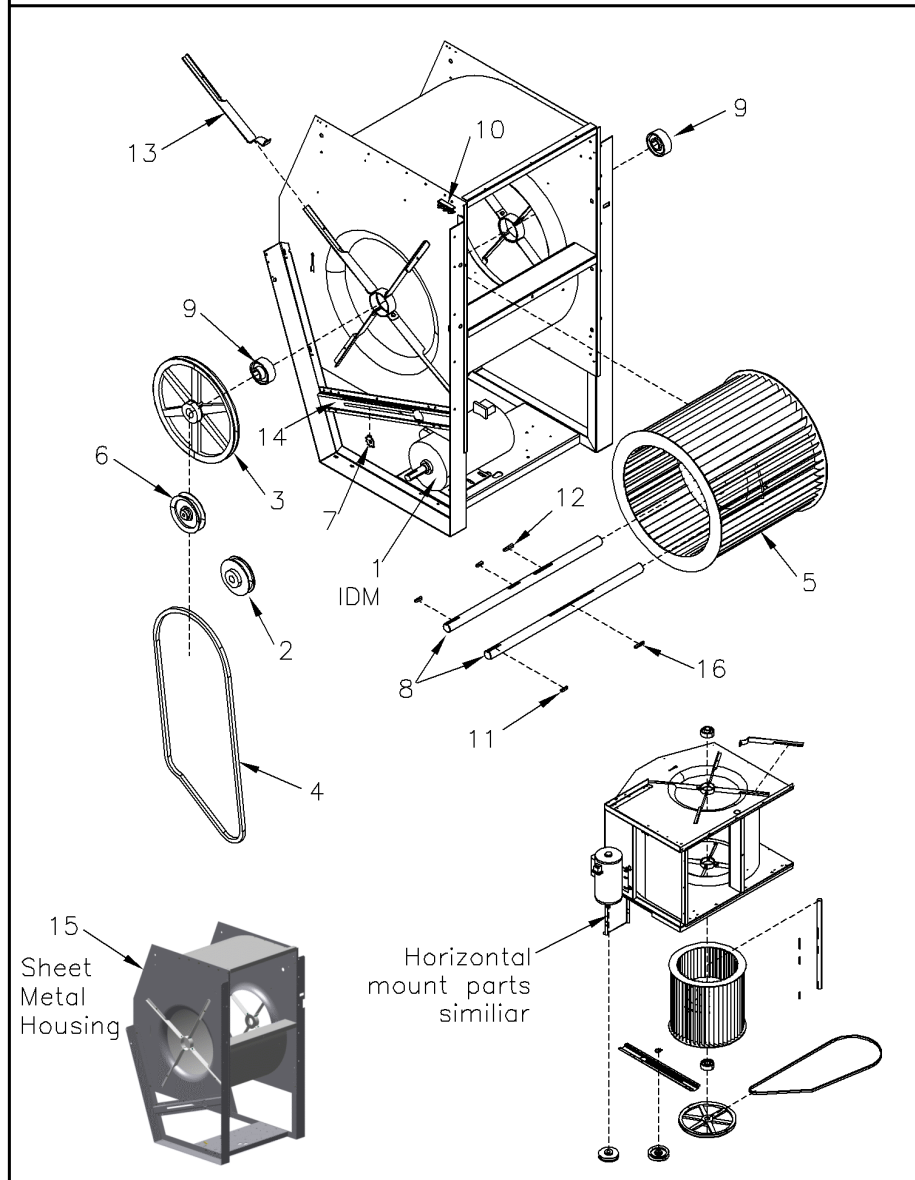


Part No.	Reference No.	Quantity	Description
MOT03768	1	1	MOTOR; 1/2 HP, 208/230/60/1, 1100 RPM, TYPE PSC, 48 FRAME, CCW, BALL BEARING, 10 MFD CPT AT 440V
MOT03774	2	1	MOTOR; 1/2 HP, 1100 RPM, 208-230/60/1, CCW, TEAOM, 48 FRAME, BALL BEARING,10 MFD AT 440V
BRK01632	3	8	BRACKET;MOTOR MOUNT, 13.77 LEG
BRK01160	4	2	BRACKET, MOTOR MOUNT
ORF00575	7	2	ORIFICE;O.D. FAN
FAN01531	8	2	FAN;3 BLADE,ALUM,26 DIA, 22-25 DEG,,50 BORE,CW
GRD00450	10	2	GUARD; FAN, 27.5 DIA

Indoor Fan Assembly
Downflow detail shown

75009952

REV
D

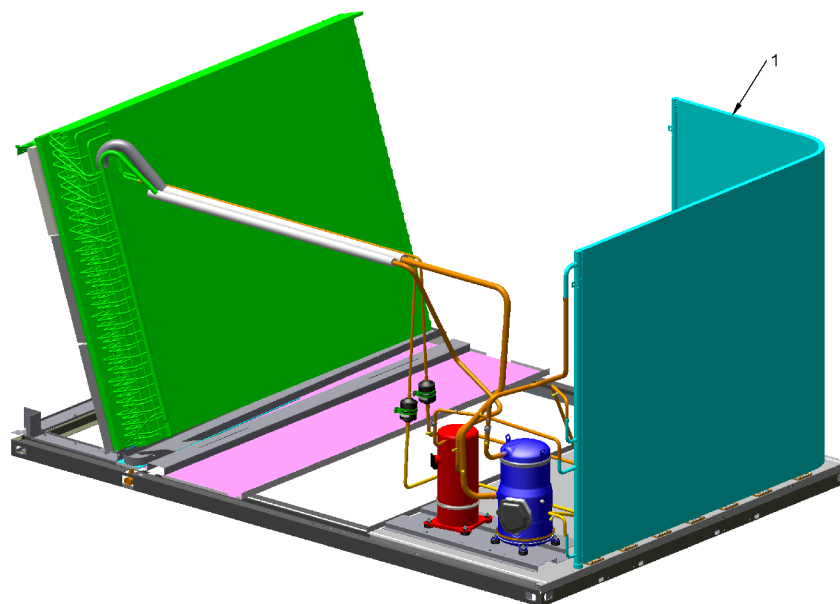


Part No.	Reference No.	Quantity	Description
MOT14568	1	1	MOTOR; ID FAN, 3 HP, 230-460/60/3
SHE00046	2	1	SHEAVE; 1VL40, 7/8 IN. BORE
SHE00017	3	1	SHEAVE; BK90, 1 3/16 BORE
B00193	4	1	BELT;V (BX), BX64, 67.0 OUTSIDE LG. X 65.8 PITCH LG.
WHL00626	5	1	WHEEL; FAN, STEEL, 18 DIA X 18 LG, 1.188 BORE, BELT
SHE01565	6	1	SHEAVE; STEEL IDLER, V-BELT, 3/8
GER00321	7	1	GEAR; IDLER
SHF01505	8	1	SHAFT; FAN, 1 3/16 DIA X 25.968 LG
BRG00870	9	2	BEARING, 1.19 BORE, 3.09 OD X 1.19 WIDE
KEY00300	11	1	KEY; 1/4 IN X 1/4 IN X 1-1/2 IN
KEY00299	12	2	KEY; 1/4 IN X 1/4 IN X 1 IN
BRK01162	13	8	BRACKET; BEARING ARM
SUP04426	14	1	SUPPORT; IDLER

OUTDOOR CONDENSER COIL

75009910

REV
C

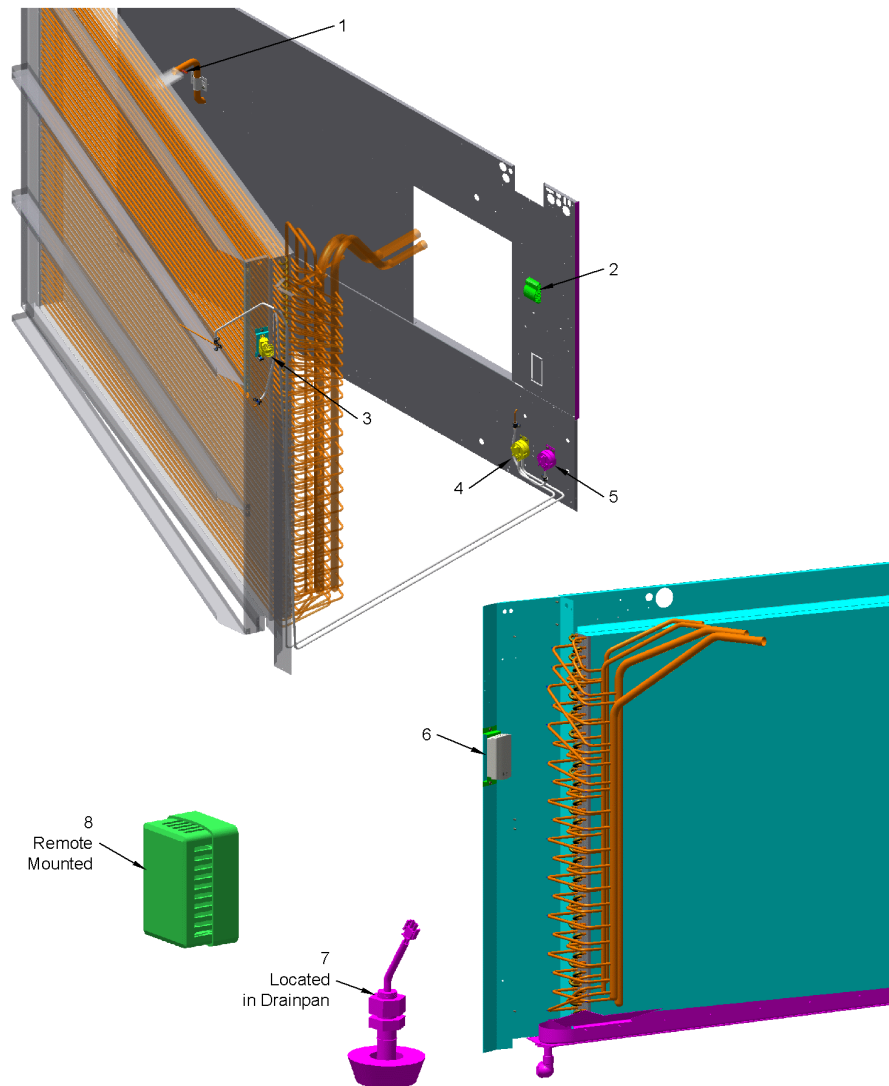


This is a typical illustration. The unit in the field may not appear exactly as shown.

UNIT SENSORS

75009958

REV
B



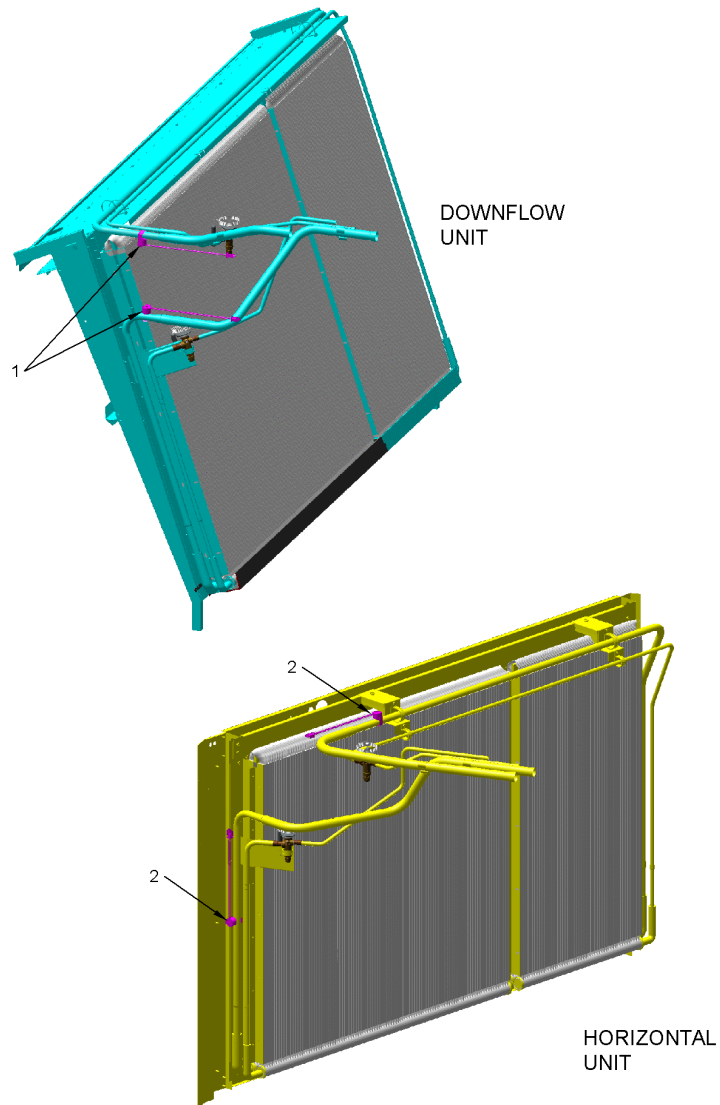
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
CNT06848	3	1	CONTROL; DEFROST W / CAPILLARY, 50"

FROSTAT SENSOR
EVAPORATOR

75012099

REV.
A



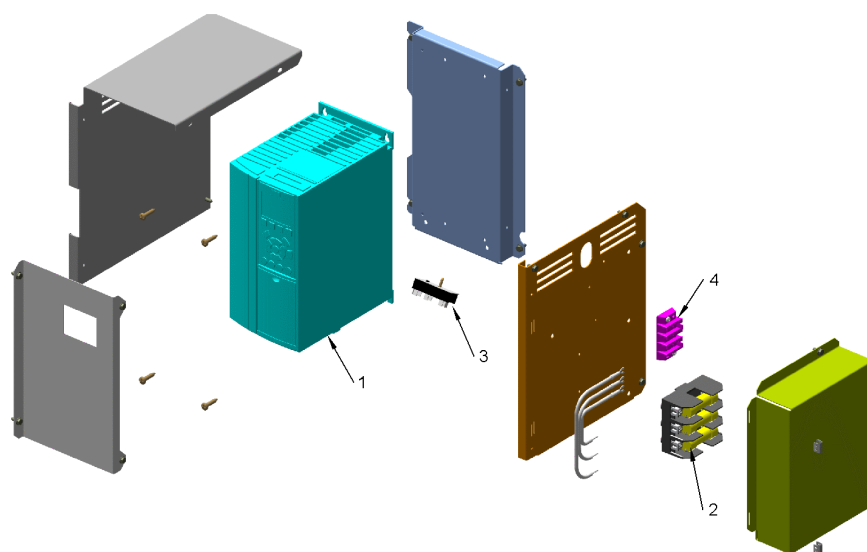
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
CNT07729	1	2	CONTROL; BI-METAL DISC TYPE

VFD ASSEMBLY
DOWNFLOW MOUNTING SHOWN

75009810

REV
B



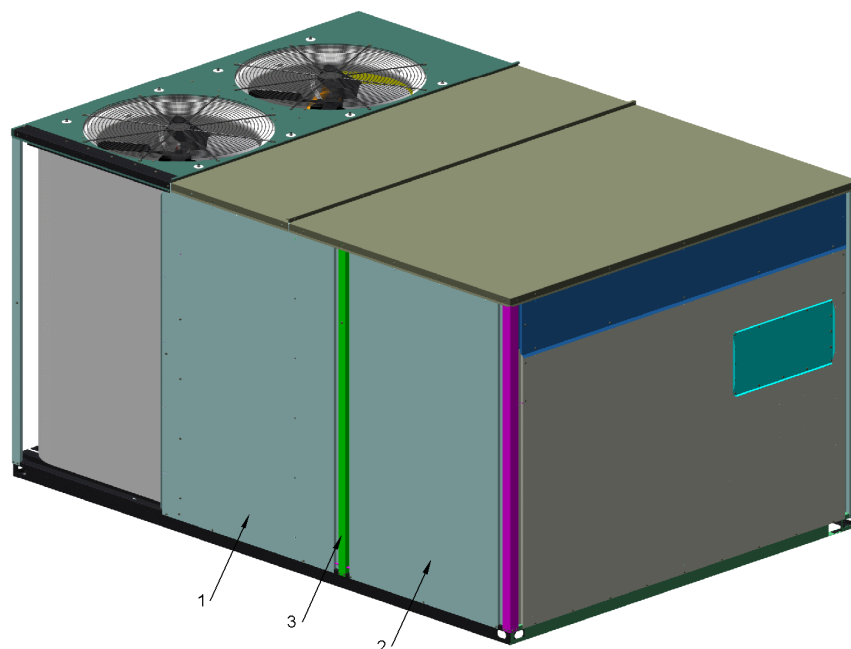
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
BLK00288	3	1	BLOCK; TERMINAL, 3 POLE, 20 AMP, 300V

AIR FLOW PANELS

75012744

REV.
A



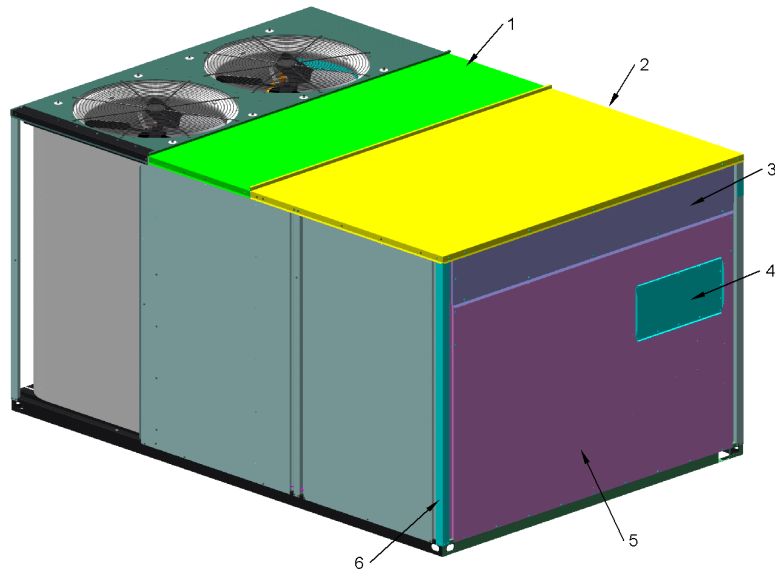
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
PNL29933	1	1	PANEL; REAR DF ASSY
PNN01154	2	1	PANEL; REAR, ASSEMBLY
SUP01489	3	1	SUPPORT;RIGHT HAT SECTION

COMM PANELS
DOWNFLOW

75012749

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
COV01383	2	1	COVER, ID SECTION TOP ASSEMBLY
COV01353	4	1	COVER, MANUAL FRESH AIR, 24.42 X 11.71
PNN01155	5	1	PANEL; ECONOMIZER, END ASSEMBLY
SUP01488	6	1	SUPPORT;CORNER POST REAR ASSEMBLY

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 or High Static Motor	TBKT = Thru Base Utility Kit
HTR = Electric Heater (Digit 7 is used to differentiate the products accessory is used 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.**

