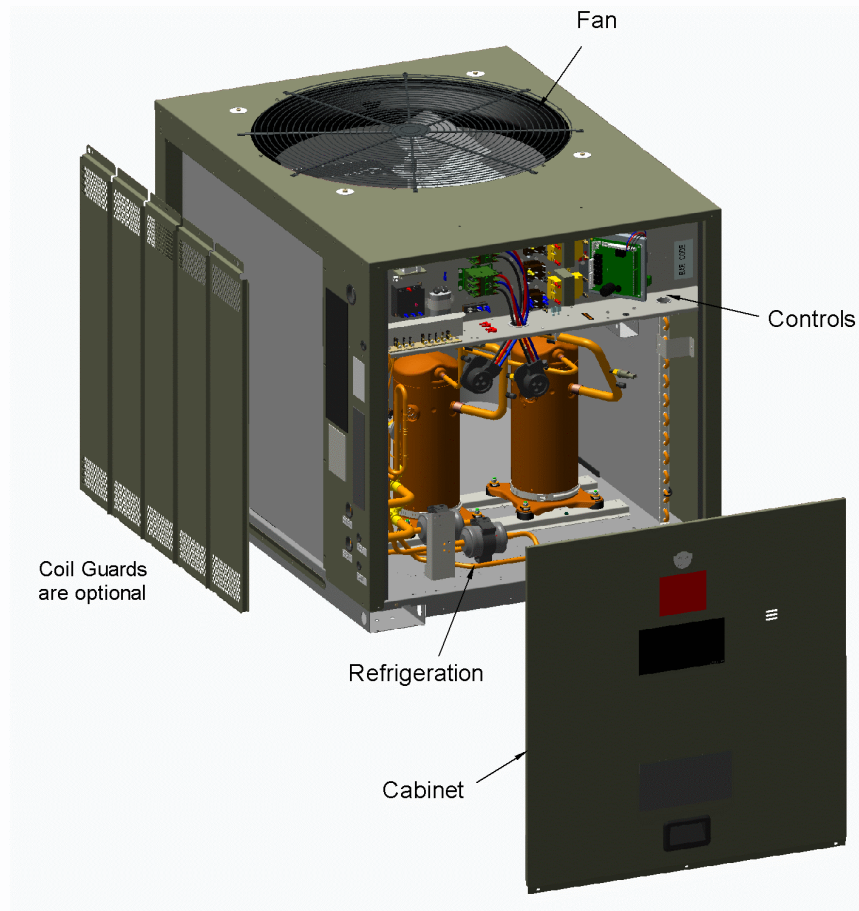


ODYSSEY SPLIT SYSTEM
HEAT PUMP

75011288

REV.
A



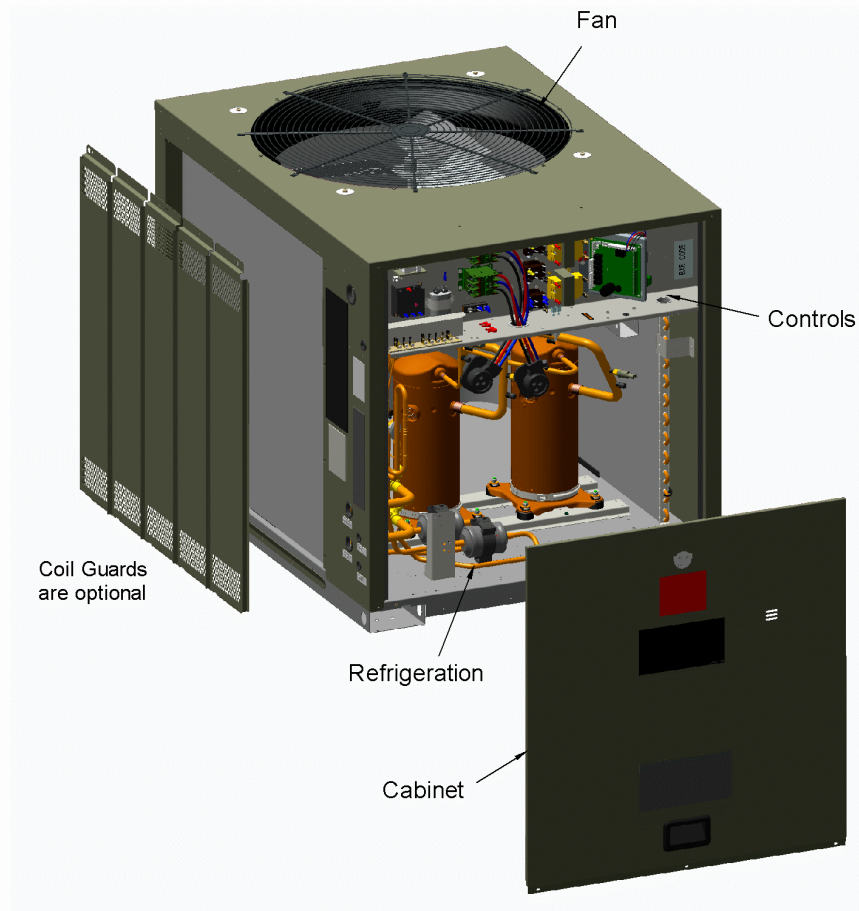
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
75011026#TWAUP75~S	*		CABINET
75011287#TWAUP75~S	*		CONTROLS
75011289#TWAUP75~S	*		FAN
OPTIONSTWA#TWAUP75~S	*		FIELD INSTALLED OPTIONS
75011285#TWAUP75~S	*		MODEL NUMBER DESCRIPTION
75011288_TWAUP75_160165~P	*		ODYSSEY - SPLIT SYSTEM HEAT PUMP PARTS LIST
75011286#TWAUP75~S	*		REFRIGERATION

ODYSSEY SPLIT SYSTEM
HEAT PUMP

75011288

REV.
A

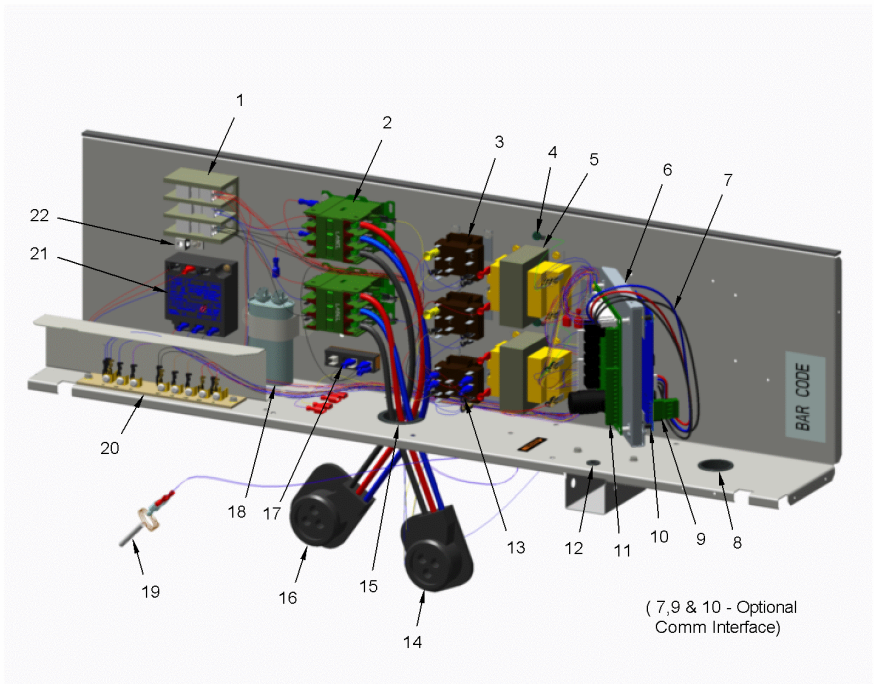


This is a typical illustration. The unit in the field may not appear exactly as shown.

CONTROLS

75011287

REV.
A



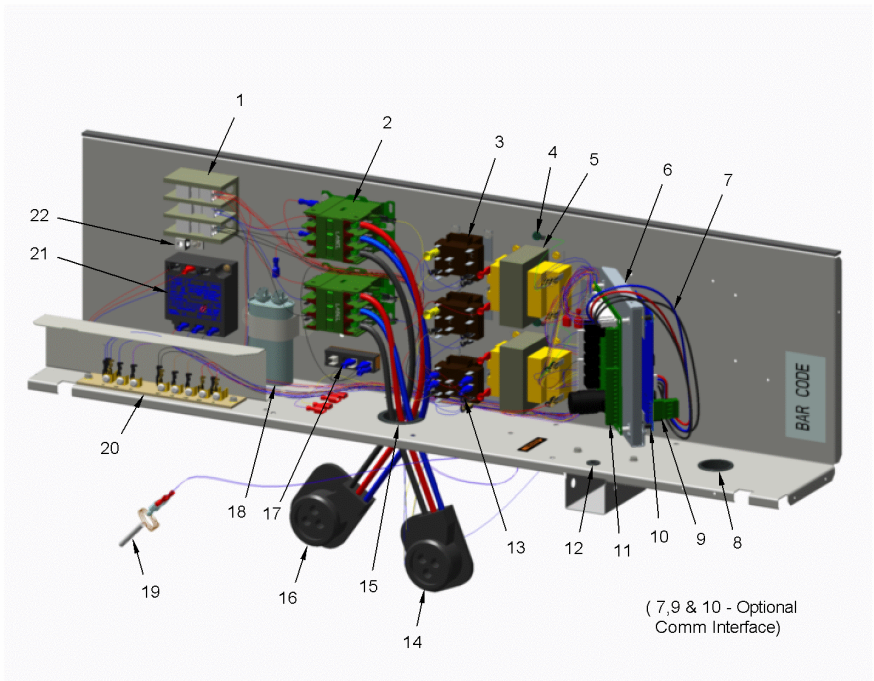
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
75011287_TWAUP75_160171~P	*		CONTROLS PARTS LIST

CONTROLS

75011287

REV
A

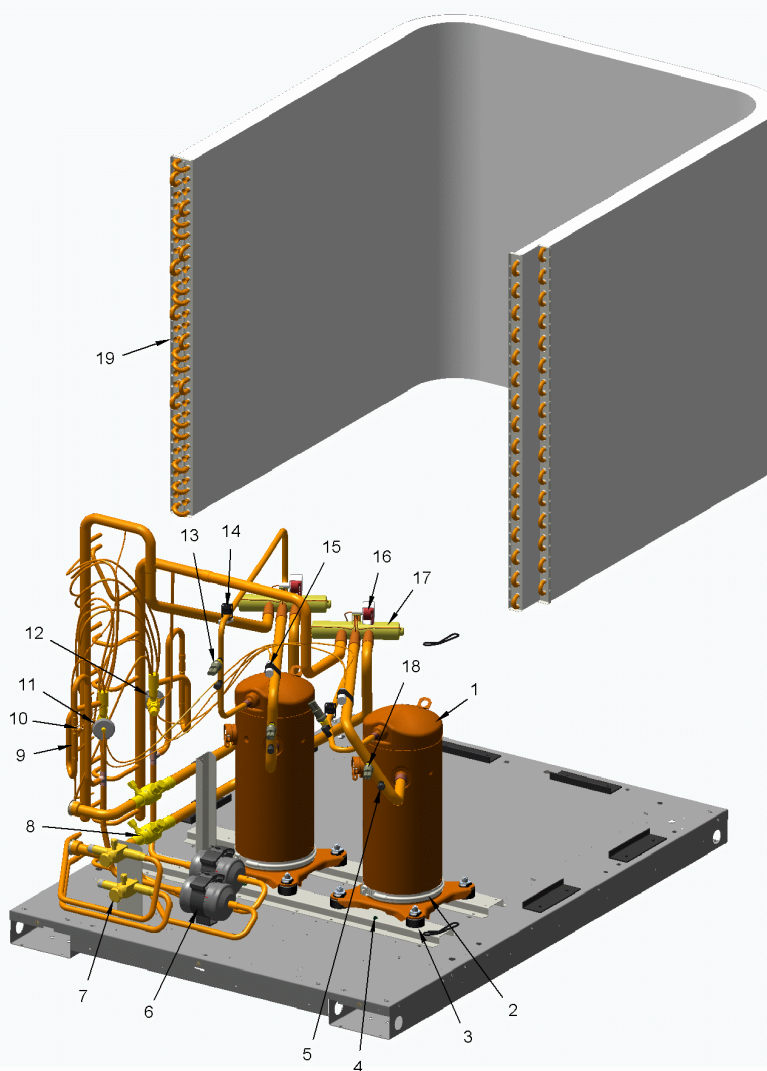


This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
SCR00115	*	28	SCREW; HEX HEAD, 10-16 X .50
WIR08346	*	1	WIRE; ASSEMBLY 6T, 7.5 & 10T DUAL HEAT PUMP 208/230V W/RELIATEL
TER00160	1	1	TERMINAL; BLOCK, 3 POLE, 175A, 600V, PRESSURE LUGS
CTR01181	2	1	CONTACTOR; 25 AMP, 3 POLE, 24V COIL
RLY01040	3	2	RELAY; SPDT, 120/208/240/277/480/600V, QUICK CONNECT TERM., 24V COIL
SCR01562	4	2	SCREW; 10-32 X .50 TR HEX WSHR HD DARK GREEN COATED
WAS00611	4	2	WASHER;LOCK, .19 ID X .39 OD
SCR00980	5	8	SCREW; 10-16 B HX 3/8 S XT
TRR00825	5	2	TRANSFORMER; 75 VA, 208-230V PRI, 24V SEC
BRK03317	6	1	BRACKET; RTRM/COMM MODULE MOUNTING, 7 X 6.5
BUS00347	8	1	BUSHING; SNAP, 1.50 INCH OD X 1.31 ID, MAX PANEL THICKNESS 0.125, BLACK NYLON
MOD02665	11	1	MODULE; RELIATEL REFRIG_DUAL CIRCUIT COOL/HP
GRM00039	12	1	GROMMET; RUBBER .25 ID X .05 GRV MLD
RLY01388	13	1	RELAY; CONTROL, DPDT 24CV, 120/600 V CONTACTS, 50/60 HZ
PLU01024	14	1	PLUG; COMPRESSOR, INCLUDES PLUG, RED, BLUE AND BLACK WIRES.
BUS00373	15	1	BUSHING; SNAP, 2.00 INCH OD X 1.63 ID, MAX PANEL THICKNESS 0.125, BLACK NYLON
PLU01025	16	1	PLUG; COMPRESSOR, INCLUDES PLUG, RED, BLUE AND BLACK WIRES.
BRD00385	17	1	BOARD; TERMINAL, FAN, 24V, 3 POLE
INS00298	17	1	INSULATOR;
SCR01000	17	1	SCREW; 6-20 B PH 1/2 S
SEL00418	17	1	SEAL; 2.80 FLUID OZ. TUBE
CPT00554	18	1	CAPACITOR; 10 MFD, 440 VOLT, OVAL
SEN01107	19	1	SENSOR; THERMISTOR, -40 TO 65C, 0.25 DIA X 1.75 LENGTH, 12 IN BROWN LEADS, LEADS TERMINATED
BRD02799	20	1	BOARD; 8 TERMINALS, 7.75 X 1.50 (LTB)
CNT05176	21	1	CONTROL; MONITOR, 3-PHASE LINE, UNIVERSAL 180-632 VAC, PHASE AND LOSS REVERSAL
SCR01072	21	2	SCREW;8-32 X 1.00
CON00077	22	1	CONNECTOR, ELECTRIC GROUND, 14-2 AWG SOLDERLESS
NUT00507	22	1	NUT; ASSEMBLY, WITH WASHER
SCR01058	22	1	SCREW; 10-32 MA BI 5/8 S
WAS00611	22	1	WASHER;LOCK, .19 ID X .39 OD

REFRIGERATION

75011286

REV.
A

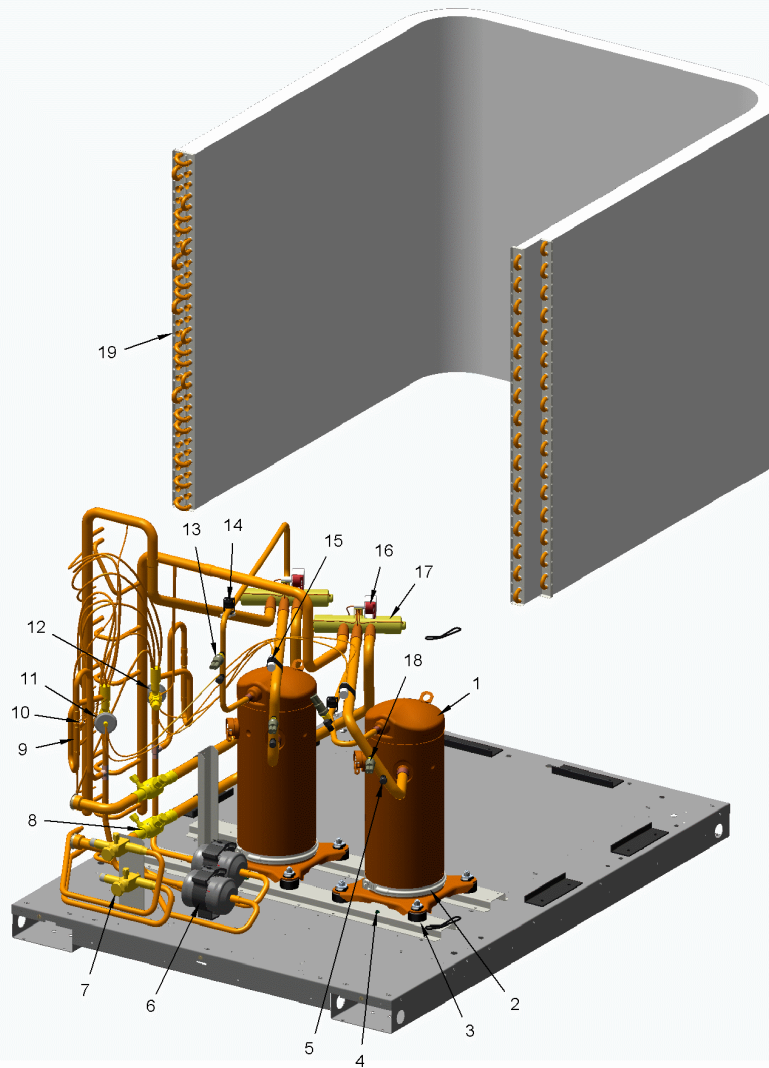
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
75011286_TWAUP75_160170~P	*		REFRIGERATION PARTS LIST

REFRIGERATION

75011286

REV.
A



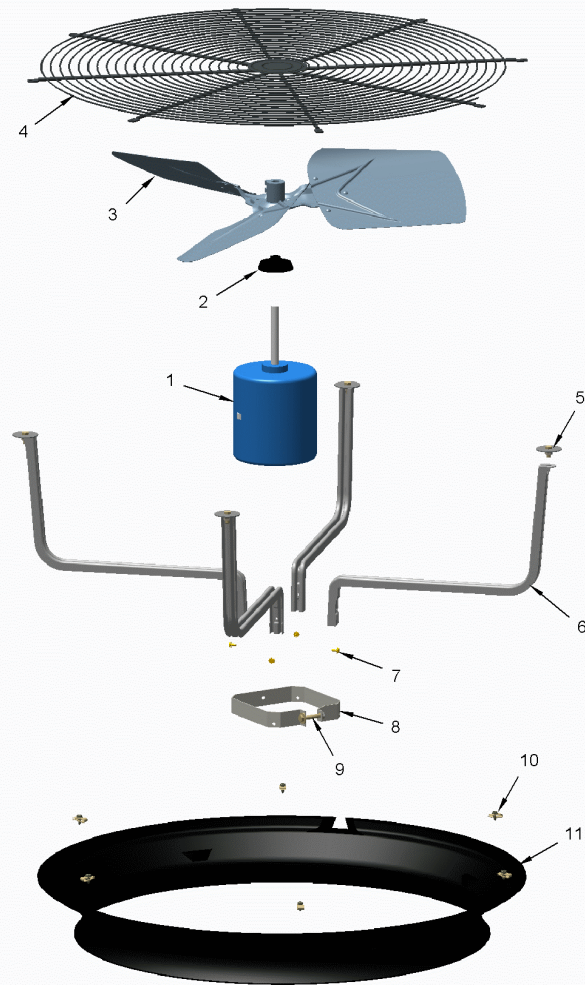
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
SPC00265	*	5	SPACER; CONDENSER COIL
COM10069	1	2	COMPRESSOR; SCROLL, SXA039B3BPZ, 3.25 TON, 200-230/60/3, R410A
HTR02379	2	2	HEATER; CRANKCASE, 70W, 240V, BB, 6.5 DIA.
GRM00088	3	8	GROMMET;
NUT00355	3	8	NUT; HEX, LOCK, 5/16IN.-18
WAS00011	3	8	WASHER; 0.375 ID X .875 OD X .083 THK
SCR01562	4	2	SCREW; 10-32 X .50 TR HEX WSHR HD DARK GREEN COATED
CAP00455	5	4	CAP; HUB, 7/16-20 STRAIGHT
COR00006	5	4	CORE; VALVE PORT, .79 LENGTH, .206-36 UNS 2A THD
DHY01467	6	2	DRIER; BI-FLOW; SERVICE FIRST; 16 CU. IN.; DCB164S, 1/2 ODF CONNECTIONS; 9.1 TON CAPACITY; MANUFACTURED FOR TRANE BY DANFOSS
SCR01011	6	2	SCREW; 1/4-20 C HXW 5/8 S N
VAL10481	8	2	VALVE, SERVICE GAS, 0.88 OD, BALL VALVE ASSY, BRASS
VAL02189	9	2	VALVE; CHECK, 1/2 ID INLET X 1/2 OD OUTLET, 4.6 IN LENGTH
SEN01107	10	1	SENSOR; THERMISTOR, -40 TO 65C, 0.25 DIA X 1.75 LENGTH, 12 IN BROWN LEADS, LEADS TERMINATED
VAL12340	11	1	VALVE, 3 TON TXV R410A
VAL12341	12	1	VALVE, 3 TON TXV R410A
SWT03017	13	2	SWITCH; HIGH PRESSURE, SPST, OPEN AT 650 PSIG, CLOSE AT 550 PSIG, 6.0 FLA, 36 LRA AT 120/240 VAC, 60 INCH ORANGE WIRE LEADS
VAL01483	13	2	VALVE; BODY, .44-20 THD X .25 ODS, STRAIGHT, BRASS, LESS CORE
THT02761	14	2	THERMOSTAT; WITH CLIP, .5/.625 TUBE, 72" RED WIRES, SPST, 230F OPEN, 180F CLOSE
CLP00296	15	2	CLIP; TXV BULB, 7/8 INCH
COL12849	16	2	COIL; SOLENOID, 24V, 50/60 HZ
VAL08359	17	2	VALVE; REVERSING, 6 TON, .88 ODF X .63 ODF. INCLUDES 24V SOLENOID COIL - COL12849
COR00006	18	2	CORE; VALVE PORT, .79 LENGTH, .206-36 UNS 2A THD
SWT03921	18	2	SWITCH; CONTROL; LOW PRESSURE; PRESS-LO - 35OP/55 CL, YELLOW LEADS
VAL01483	18	2	VALVE; BODY, .44-20 THD X .25 ODS, STRAIGHT, BRASS, LESS CORE
COL27427	19	1	COIL, OD BENT, 7.5T HP DUAL, STD

FAN

75011289

REV.
A

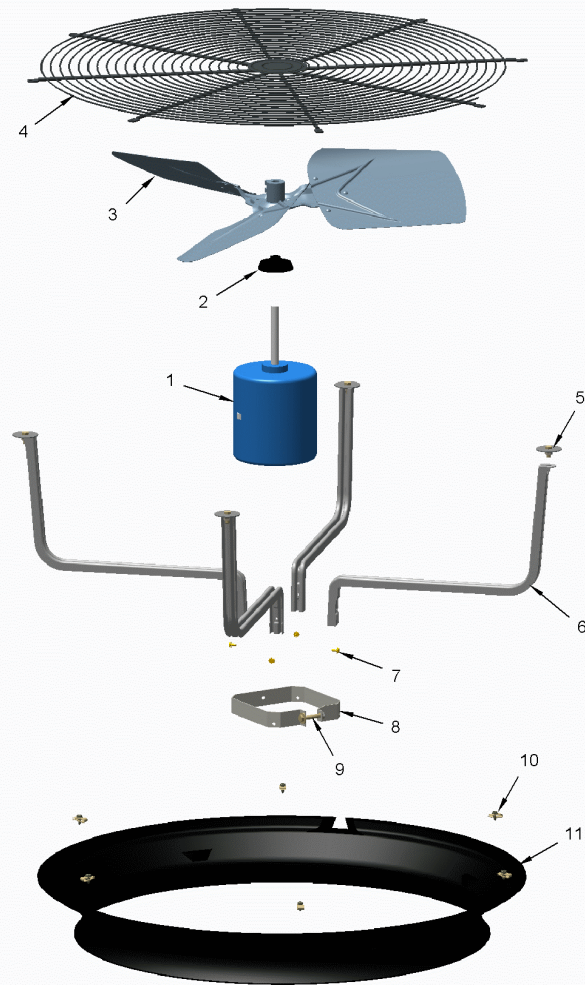


This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
75011289_TWAUP75_160172~P	*		FAN PARTS LIST

FAN

75011289

REV.
A

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

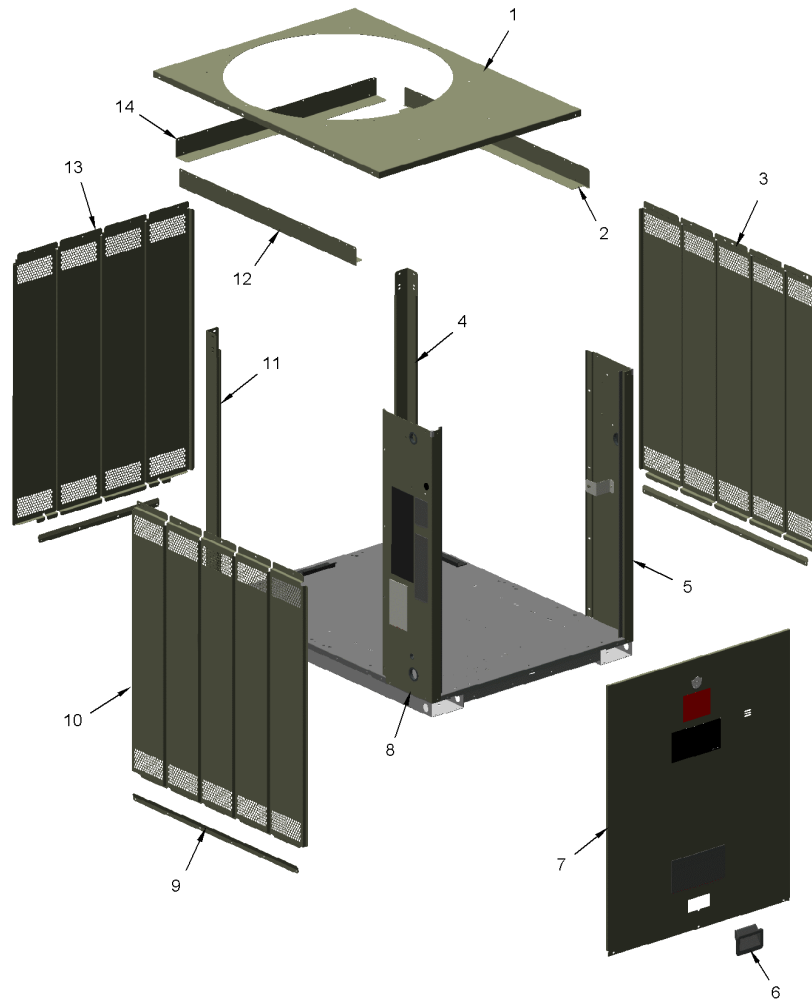
Part No.	Reference No.	Quantity	Description
MOT05059	1	1	MOTOR; 1/2 HP,208-230/60/1, 1100 RPM, CCW, PSC, OD, 48, BB, 10 AT 440V
SLG00052	2	1	SLINGER; 1/2 IN. BORE, 2.38 OD DIA
FAN02294	3	1	FAN; 3 BLADE, STEEL, 26 DIA, 24 DEG, .50 BORE, CW
GRL00424	4	1	GRILLE; 26 IN PROP/ORIF
BLT00205	5	4	BOLT; 1/4-20 MA HX 5/8 S
NUT00721	5	4	NUT; FLANGE, 1/4-20 THREAD
WAS00718	5	4	WASHER; .312 ID X 1.75 OD
ARM00192	6	4	ARM; MOTOR MOUNT
SCR00980	7	4	SCREW; 10-16 B HX 3/8 S XT
MNT00509	8	1	MOUNT; MOTOR, 17.63 L
BLT00191	9	1	BOLT; 1/4-20 MA HX 1-1 1/2 S
NUT00721	9	1	NUT; FLANGE, 1/4-20 THREAD
WAS00641	9	1	WASHER; PLAIN STEEL, 1/4IN.
NUT00517	10	6	NUT; SPEED
SCR01510	10	6	SCREW; 10-16 AB HXW 1/2 SN
ORF01507	11	1	ORIFICE; FAN

CABINET

75011026

REV.
A

Coil Guards are optional and 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.

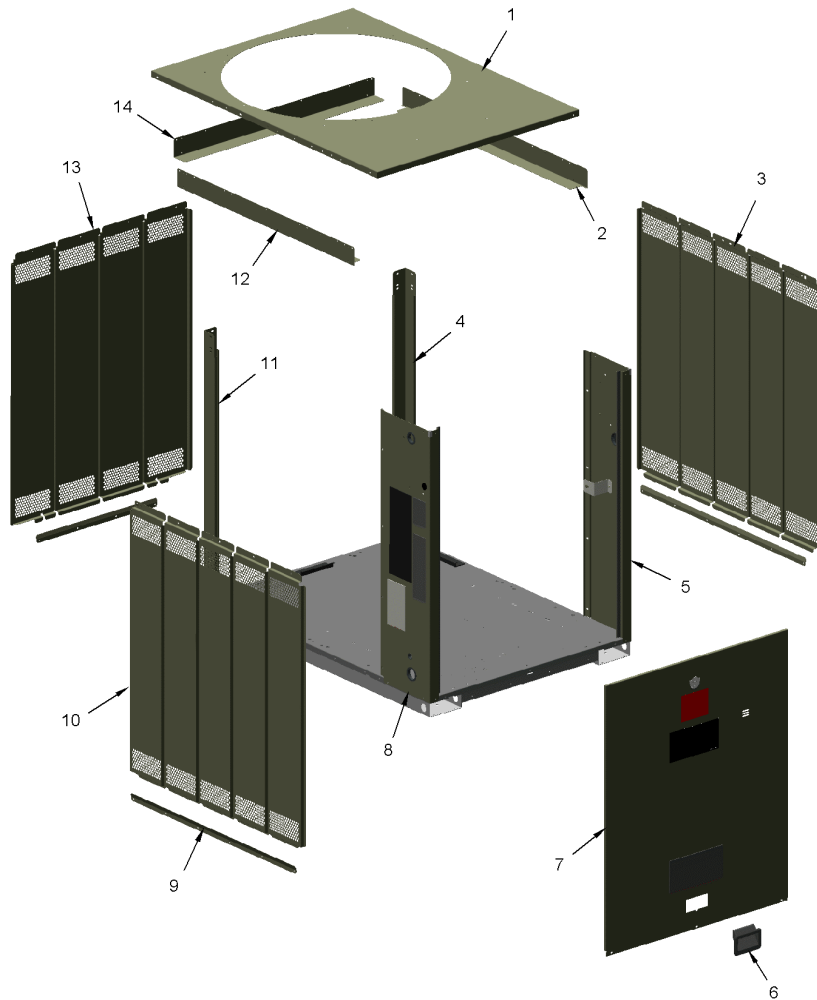
Part No.	Reference No.	Quantity	Description
75011026_TWAUP75_160167~P	*		CABINET PARTS LIST

CABINET

75011026

REV.
A

Coil Guards are optional and 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.

Parts List Number :75011288#TWAUP75

Model Number :TWA090E30RAA

Part No.	Reference No.	Quantity	Description
PAI00074	*	1	PAINT; SPRAY, SLATE GREY, FULL GLOSS(88) (SHIPPING UOM 12 OZ HAZ)
PNL33637	1	1	PANEL, TOP PANEL, 6 & 7.5 T
BOF02134	2	1	BLOCKOFF; SIDE, 39" X 3"
PNL26713	4	1	PANEL; FRAME CORNER, 2.50 X 2.50 X 36.41
PLU00361	5	1	PLUG; 2.0 DIA, 0.12 THICK PLASTIC
PLU00999	5	1	PLUG; 1.5 DIAMETER MOUNTING HOLE, 0.13 THICK MOLDED PLASTIC
PNL33671	5	1	PANEL; RIGHT SIDE ASSEMBLY
HDL00887	6	1	HANDLE; ACCESS PANEL, BLACK PLASTIC, 5.15 X 3.275
PNL26715	7	1	PANEL; ACCESS, 36" x 34.8"
BUS00347	8	2	BUSHING; SNAP, 1.50 INCH OD X 1.31 ID, MAX PANEL THICKNESS 0.125, BLACK NYLON
BUS00361	8	2	BUSHING; SNAP, 0.88 INCH OD X 0.69 ID, MAX PANEL THICKNESS 0.125, BLACK NYLON
BUS00373	8	1	BUSHING; SNAP, 2.00 INCH OD X 1.63 ID, MAX PANEL THICKNESS 0.125, BLACK NYLON
GRM00118	8	1	GROMMET; 3/16 IN ID, NEOPRENE
PNL33635	8	1	PANEL, LEFT, FRONT, 6 & 7.5 T
SUP05500	9	2	SUPPORT; HAIL GUARD BOTTOM, 37.2 LONG
PNL26713	11	1	PANEL; FRAME CORNER, 2.50 X 2.50 X 36.41
BOF02134	12	1	BLOCKOFF; SIDE, 39" X 3"
BOF02279	14	1	BLOCKOFF; REAR, 38" X 3"

MODEL NUMBER DESCRIPTION

75011285

REL
A

SPLIT SYSTEM HEAT PUMP
ODYSSEY

Example Model Number:
T W A 0 9 0 E 3 H R A A
1 - - - 5 - - - 10 - -

Digits 1,2,3 – Product Type

TWA = Split System Heat Pump

Digits 4,5,6 – Nominal Gross Cooling Capacity (MBh)

061 = 5 Tons (50 Hz)120 = 10 Tons (60 Hz)

073 = 6 Tons (60 Hz)156 = 13 Tons (50 Hz)

076 = 6.25 Tons (50 Hz)180 = 15 Tons (60 Hz)

090 = 7.5 Tons (60 Hz)201 = 16.7 Tons (50 Hz)

101 = 8.33 Tons (50 Hz)240 = 20 Tons (60 Hz)

Digit 7 – Major Development Sequence

D = Single Compressor/Single Refrigerant Circuit, R-401a
E = Dual Compressor, Dual Refrigerant Circuit, R-401a

Digit 8 – Electrical Characteristics

3 = 208-230/60/3
4 = 460/60/3
W = 575/60/3
D = 380-415/50/3
K = 380/60/3

Digits 9,10 – Factory Installed Options

0R = ReliaTel, no LCI Board
0T = ReliaTel, no LCI Board and Coated Coil
0U = ReliaTel with LCI Board
0W = ReliaTel with LCI Board and Coated Coil
HR = Hail Guard with ReliaTel, no LCI Board
HT = Hail Guard with ReliaTel, no LCI Board and Coated Coil
HU = Hail Guard with ReliaTel with LCI Board
HW = Hail Guard with ReliaTel with LCI Board and Coated Coil

Digit 11 – Minor Design Sequence

* = Current Design Sequence

Digit 12 – Service Digit

* = Current Design Sequence

1 of 1

Part No.	Reference No.	Quantity	Description
75011285_TWAUP75_160169~P	*		MODEL NUMBER DESCRIPTION PARTS LIST

MODEL NUMBER DESCRIPTION SPLIT SYSTEM HEAT PUMP ODYSSEY	75011285	REL A										
<i>Example Model Number:</i> T W A 0 9 0 E 3 H R A A 1 - - - 5 - - - 10 - - Digits 1,2,3 – Product Type TWA = Split System Heat Pump Digits 4,5,6 – Nominal Gross Cooling Capacity (MBh) <table style="width: 100%; border: none;"> <tr> <td>061 = 5 Tons (50 Hz)</td> <td>120 = 10 Tons (60 Hz)</td> </tr> <tr> <td>073 = 6 Tons (60 Hz)</td> <td>156 = 13 Tons (50 Hz)</td> </tr> <tr> <td>076 = 6.25 Tons (50 Hz)</td> <td>180 = 15 Tons (60 Hz)</td> </tr> <tr> <td>090 = 7.5 Tons (60 Hz)</td> <td>201 = 16.7 Tons (50 Hz)</td> </tr> <tr> <td>101 = 8.33 Tons (50 Hz)</td> <td>240 = 20 Tons (60 Hz)</td> </tr> </table> Digit 7 – Major Development Sequence D = Single Compressor/Single Refrigerant Circuit, R-401a E = Dual Compressor, Dual Refrigerant Circuit, R-401a Digit 8 – Electrical Characteristics 3 = 208-230/60/3 4 = 460/60/3 W = 575/60/3 D = 380-415/50/3 K = 380/60/3 Digits 9,10 – Factory Installed Options 0R = ReliaTel, no LCI Board 0T = ReliaTel, no LCI Board and Coated Coil 0U = ReliaTel with LCI Board 0W = ReliaTel with LCI Board and Coated Coil HR = Hail Guard with ReliaTel, no LCI Board HT = Hail Guard with ReliaTel, no LCI Board and Coated Coil HU = Hail Guard with ReliaTel with LCI Board HW = Hail Guard with ReliaTel with LCI Board and Coated Coil Digit 11 – Minor Design Sequence * = Current Design Sequence Digit 12 – Service Digit * = Current Design Sequence			061 = 5 Tons (50 Hz)	120 = 10 Tons (60 Hz)	073 = 6 Tons (60 Hz)	156 = 13 Tons (50 Hz)	076 = 6.25 Tons (50 Hz)	180 = 15 Tons (60 Hz)	090 = 7.5 Tons (60 Hz)	201 = 16.7 Tons (50 Hz)	101 = 8.33 Tons (50 Hz)	240 = 20 Tons (60 Hz)
061 = 5 Tons (50 Hz)	120 = 10 Tons (60 Hz)											
073 = 6 Tons (60 Hz)	156 = 13 Tons (50 Hz)											
076 = 6.25 Tons (50 Hz)	180 = 15 Tons (60 Hz)											
090 = 7.5 Tons (60 Hz)	201 = 16.7 Tons (50 Hz)											
101 = 8.33 Tons (50 Hz)	240 = 20 Tons (60 Hz)											
1 of 1												

Part No.	Reference No.	Quantity	Description
OPTIONSTWA_TWAUP75_16017 4-P	*		FIELD INSTALLED OPTIONS PARTS LIST

NO GRAPHIC AVAILABLE

75013702

REV
A

**NO
GRAPHIC
AVAILABLE**

Parts List Number :75011288#TWAUP75

Model Number :TWA090E30RAA

Part No.	Reference No.	Quantity	Description
BAYHGBP010B	*	1	KIT; HOT GAS BYPASS KIT, R-410A
BAYLOAMU01B	*	1	KIT; LOW AMBIENT ON/OFF FAN CONTROL KIT
GRD01695	*	1	GUARD; CONDENSER HAIL (BAYGARD059A)
KIT02209	*	1	KIT; ISOLATOR (BAYISLT005A)
KIT02219	*	1	KIT; ISOLATOR (BAYISLT023A)
KIT09500	*	1	LCIR W/ SHORT HARNESS 3-10 TON PACKAGE UNITS (HARNESS = WIR03458) LCI-R SHORT KIT
KIT16107	*	1	KIT; LOW AMBIENT, ICM333, 208-230V, 0.5 HP (BAYLOAM335A)
KIT16777	*	1	KIT; RELIATEL COMMUNICATIONS INTERFACE THAT INCORPORATES LONTALK PROTOCOL (BAYLTIC002BB)
TDR00484	*	1	TRANSDUCER; PRESSURE, INCLUDES PRESSURE TAP (BAYLOTR001AA)
THT01204	*	1	THERMOSTAT; ASSEMBLY (BAYSTAT033AC), DOES NOT INCLUDE CON00251
THT02553	*	1	THERMOSTAT; T7350, 3H/2C. (BAYSTAT053AA)