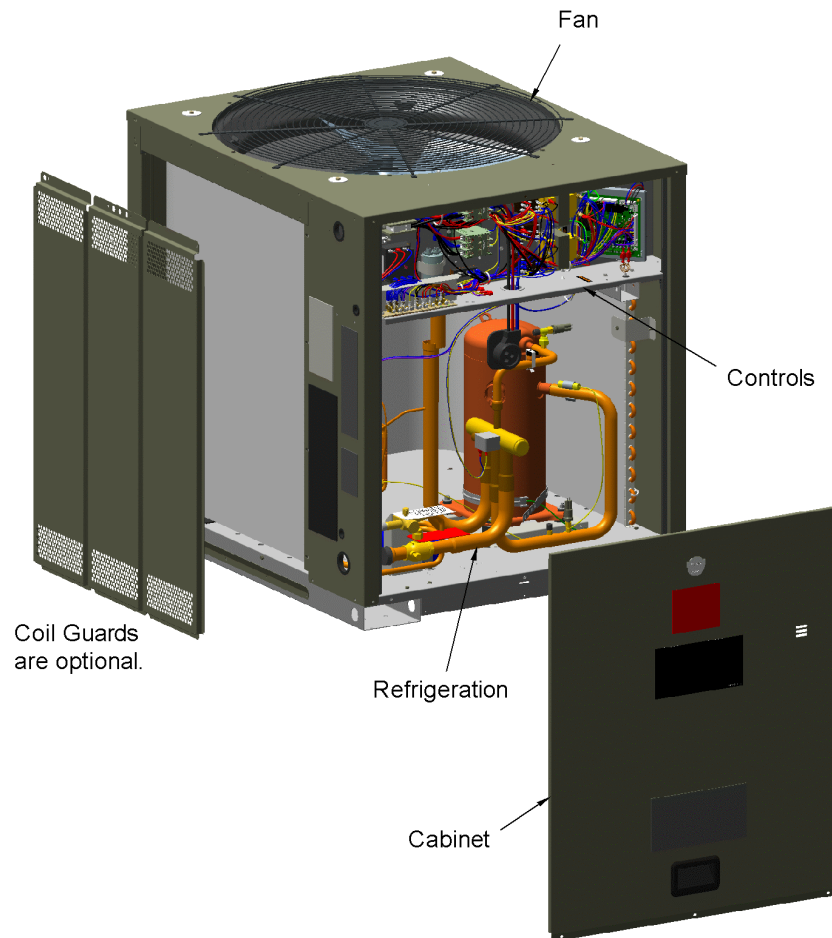


ODYSSEY SPLIT SYSTEM
HEAT PUMP

75011021

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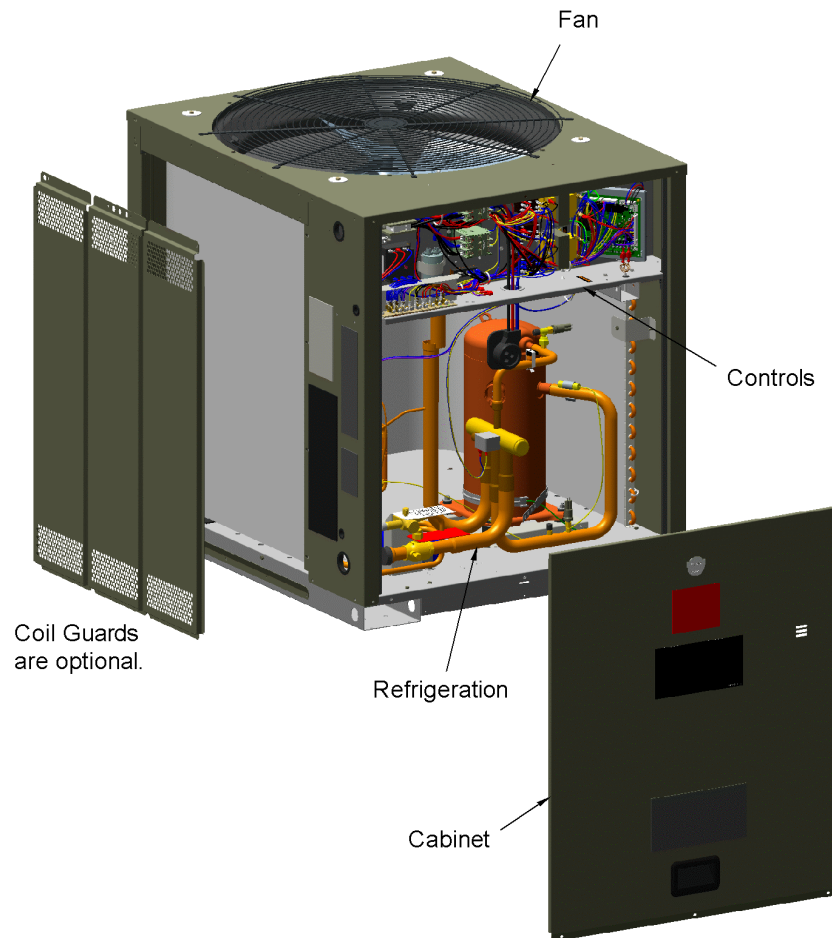
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
75011025#TWAUP70~S	*		CABINET
75011023#TWAUP70~S	*		CONTROLS
75010558#TWAUP70~S	*		FAN
OPTIONSTWA#TWAUP70~S	*		FIELD INSTALLED OPTIONS
75009085#TWAUP70~S	*		MODEL NUMBER DESCRIPTION
75011021_TWAUP70_177354~P	*		ODYSSEY - SPLIT SYSTEM HEAT PUMP PARTS LIST
75011022#TWAUP70~S	*		REFRIGERATION

ODYSSEY SPLIT SYSTEM
HEAT PUMP

75011021

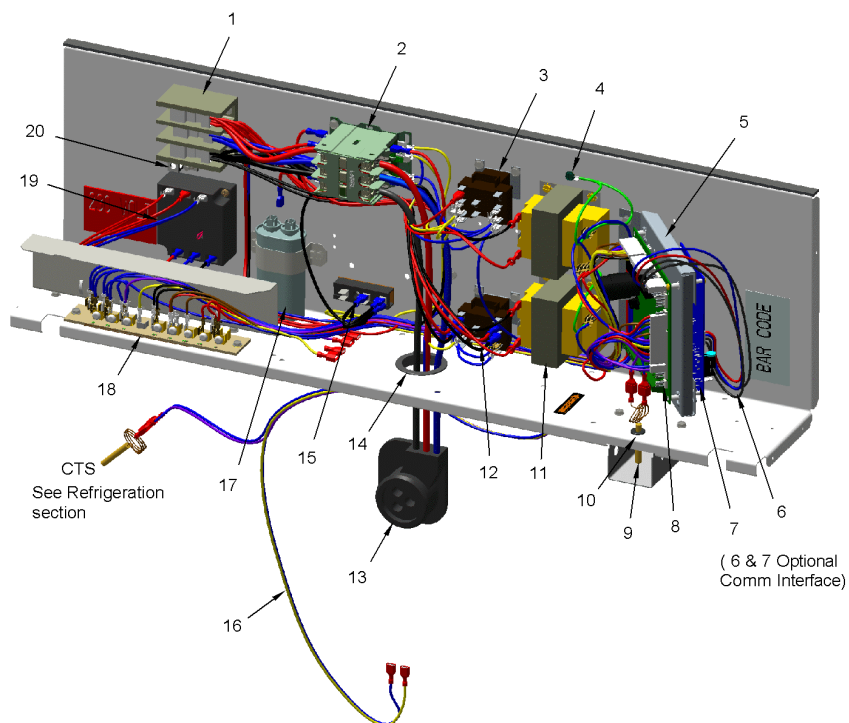
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CONTROLS

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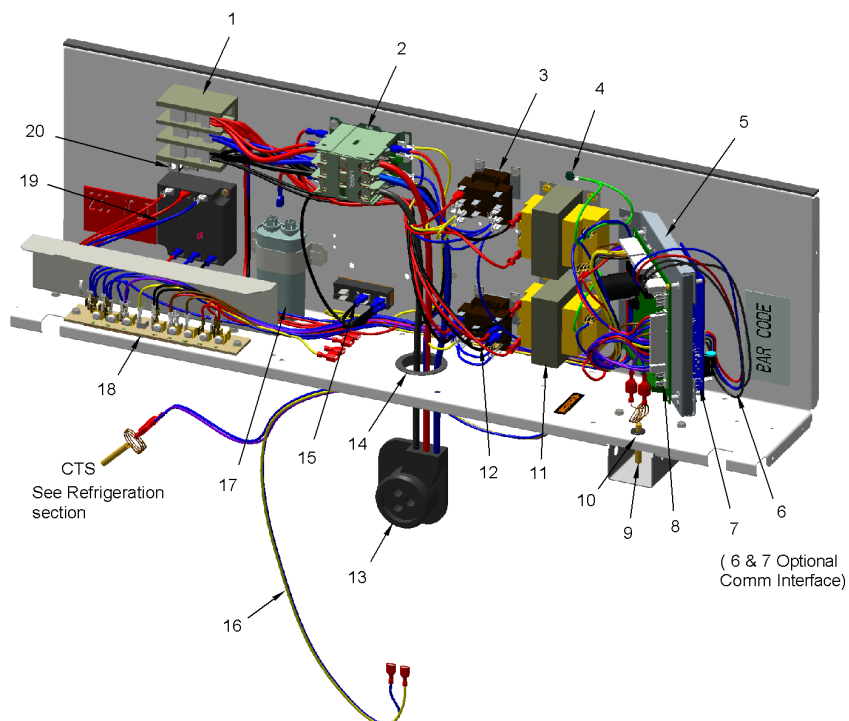
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
75011023_TWAUP70_263392~P	*		CONTROLS PARTS LIST

CONTROLS

75011023

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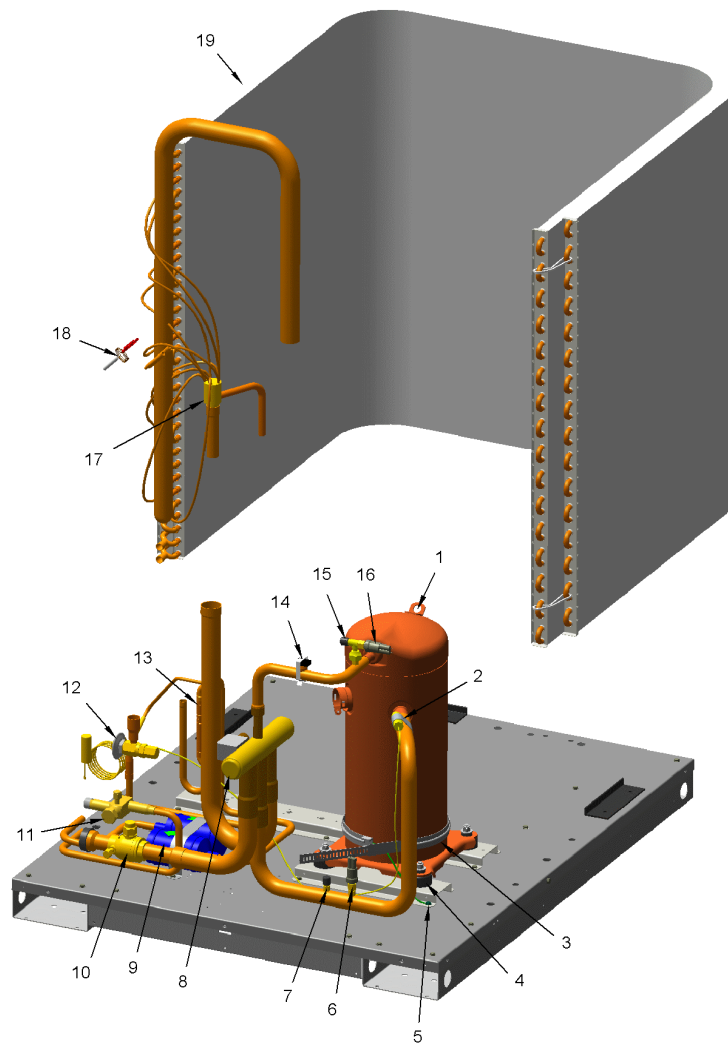


This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
SCR00115	*	23	SCREW; HEX HEAD, 10-16 X .50
WIR06704	*	1	WIRE; CONTROL BOX ASSEMBLY
TER00160	1	1	TERMINAL; BLOCK, 3 POLE, 175A, 600V, PRESSURE LUGS
CTR00441	2	1	CONTACTOR; 40A/600V, 24V COIL (CPD)
RLY01040	3	1	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
BRK03317	5	1	BRACKET; RTRM/COMM MODULE MOUNTING, 7 X 6.5
MOD01791	8	1	MODULE; RELIATEL REFRIGERATION DUAL CIRCUIT COOL/HEAT PUMP
SEN01107	9	1	SENSOR; THERMISTOR, -40 TO 65C, 0.25 DIA X 1.75 LENGTH, 12 IN BROWN LEADS, LEADS TERMINATED
GRM00039	10	1	GROMMET; RUBBER .25 ID X .05 GRV MLD
SCR00980	11	8	SCREW; 10-16 B HX 3/8 S XT
TRR00825	11	2	TRANSFORMER; 75 VA, 208-230V PRI, 24V SEC
RLY01388	12	1	RELAY; CONTROL, DPDT 24CV, 120/600 V CONTACTS, 50/60 HZ
WIR06693	13	1	WIRE; COMPRESSOR PLUG, 10GA, 208/230,380-415V 460V,575V, CPR1 (4A,5A,6A), STRIP LEADS
BUS00373	14	1	BUSHING; SNAP, 2.00 INCH OD X 1.63 ID, MAX PANEL THICKNESS 0.125, BLACK NYLON
BRD00385	15	1	BOARD; TERMINAL, FAN, 24V, 3 POLE
INS00298	15	1	INSULATOR;
SCR01000	15	1	SCREW; 6-20 B PH 1/2 S
SEL00418	15	1	SEAL; 2.80 FLUID OZ. TUBE
WIR06874	16	1	WIRE; HARNESS, LOW VOLTAGE, INCLUDES THERMISTOR SENSORS AND LTB1
CPT00554	17	1	CAPACITOR; 10 MFD, 440 VOLT, OVAL
BRD02799	18	1	BOARD; 8 TERMINALS, 7.75 X 1.50 (LTB)
CNT05176	19	1	CONTROL; MONITOR, 3-PHASE LINE, UNIVERSAL 180-632 VAC, PHASE AND LOSS REVERSAL
SCR01072	19	2	SCREW;8-32 X 1.00
CON00077	20	1	CONNECTOR, ELECTRIC GROUND, 14-2 AWG SOLDERLESS
NUT00507	20	1	NUT; ASSEMBLY, WITH WASHER
SCR01058	20	1	SCREW; 10-32 MA BI 5/8 S
WAS00611	20	1	WASHER;LOCK, .19 ID X .39 OD

REFRIGERATION

75011022

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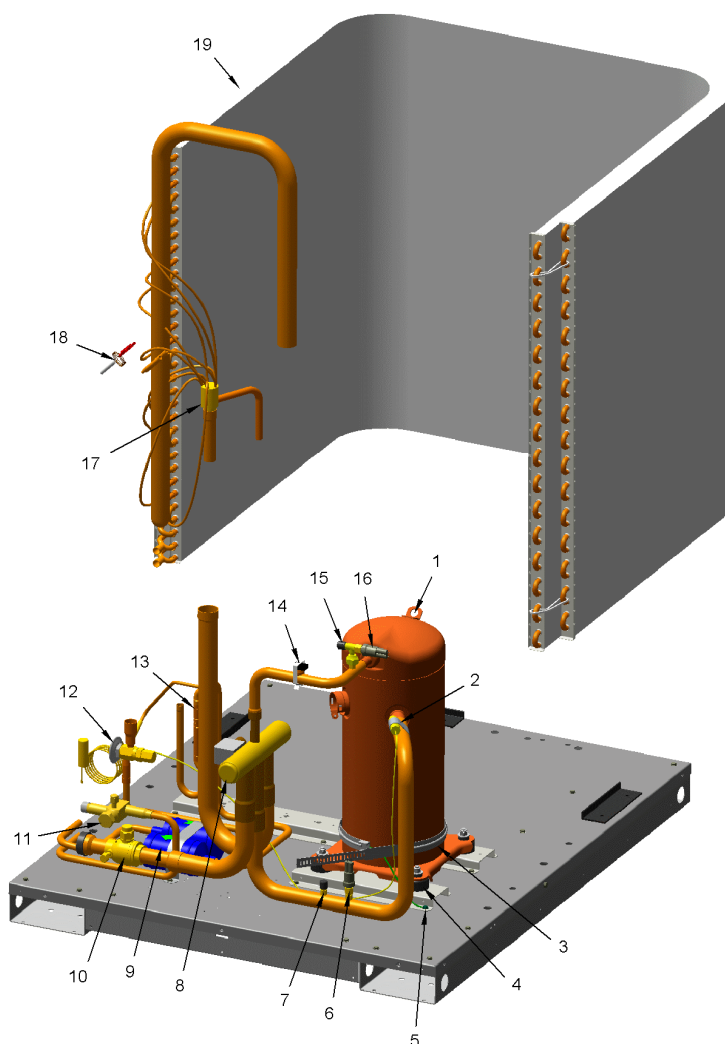
This is a typical illustration. The unit in the field may not appear exactly as shown.

Part No.	Reference No.	Quantity	Description
75011022_TWAUP70_215798~P	*		REFRIGERATION PARTS LIST

REFRIGERATION

75011022

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

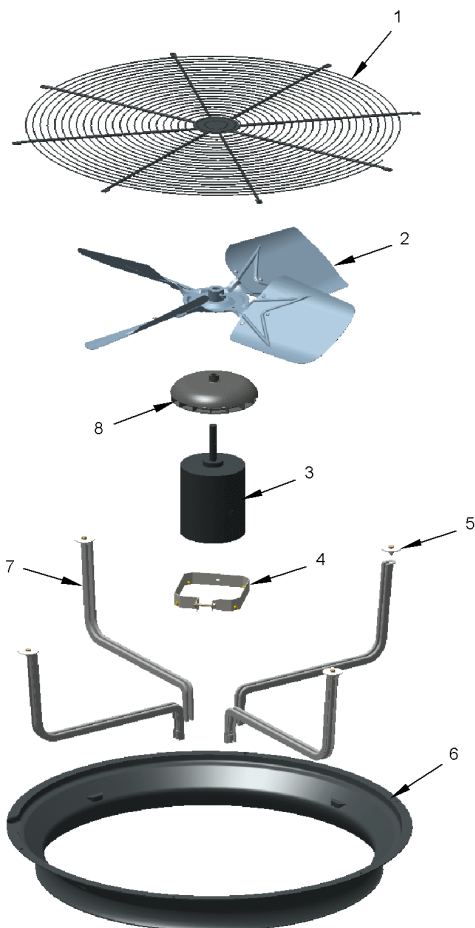
Part No.	Reference No.	Quantity	Description
COM08837	1	1	COMPRESSOR; SCROLL, SSA067A3BPZ, 5.6 TON, 200/230/60/3, 200/220/50/3, R410A, .50 ID DISCHARGE, .875 ID SUCTION
CLP00224	2	1	CLIP; BULB
HTR09507	3	1	HEATER; CRANKCASE, 70W , 230 VOLTS, 60" LEADS
GRM00888	4	4	GROMMET; ISOLATOR, COMPRESSOR, .438 ID X .160 GRV, .750 DIA X 1.625 OD, BLACK NEOPRENE RUBBER
NUT00407	4	4	NUT; HEX, MACH, .31-18
NUT00890	4	4	NUT; PALLET, 5/16-18 UNC 2B THD.
WAS00011	4	4	WASHER; 0.375 ID X .875 OD X .083 THK
SCR01562	5	1	SCREW; 10-32 X .50 TR HEX WSHR HD DARK GREEN COATED
COR00006	6	1	CORE; VALVE PORT, .79 LENGTH, .206-36 UNS 2A THD
SWT03018	6	1	SWITCH; LOW PRESSURE, SPST NORMALLY OPEN, OPEN AT 25 PSIG, CLOSE AT 41 PSIG, 6.0 FLA, 36 LRA AT 120/240 VAC, 60 INCH BLUE WIRE LEADS.
CAP00455	7	1	CAP; HUB, 7/16-20 STRAIGHT
COR00006	7	1	CORE; VALVE PORT, .79 LENGTH, .206-36 UNS 2A THD
VAL01483	7	2	VALVE; BODY, .44-20 THD X .25 ODS, STRAIGHT, BRASS, LESS CORE
VAL08224	8	1	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)
DHY00226	9	2	DRIER; FILTER, 5/8 INLET, 1/2 OUTLET, SWEAT CONNECTIONS
VAL09890	10	1	VALVE; SERVICE, RIGHT HAND, 1.38 ID CONN
VAL07027	11	1	VALVE; SERVICE, LIQUID, LEFT HAND, 1/2 ID CONN
VAL09579	12	1	VALVE; EXPANSION, INDOOR, 0.50 INLET X 0.63 OUTLET, 5 TON, 60 INCH CAPILLARY TUBE, 85 SUPERHEAT PRESSURE SETTING, R410A REFRIGERANT
VAL02189	13	2	VALVE; CHECK, 1/2 ID INLET X 1/2 OD OUTLET, 4.6 IN LENGTH
THT02763	14	1	THERMOSTAT; WITH CLIP, 0.875 TUBE, 72" RED WIRES, SPST, 230F OPEN, 180F CLOSE
CAP00455	15	1	CAP; HUB, 7/16-20 STRAIGHT
TEE00109	15	1	TEE;PRESSURE TAP
VAL01483	15	1	VALVE; BODY, .44-20 THD X .25 ODS, STRAIGHT, BRASS, LESS CORE
SWT03017	16	1	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
TUB13168	17	1	TUBE; DISTRIBUTOR ASSEMBLY
SEN01107	18	1	SENSOR; THERMISTOR, -40 TO 65C, 0.25 DIA X 1.75 LENGTH, 12 IN BROWN LEADS, LEADS TERMINATED
COL16066	19	1	COIL; ASSEMBLY, OUTDOOR, INCLUDES HEADER AND DISTRIBUTOR

FAN

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TYPICAL ILLUSTRATION



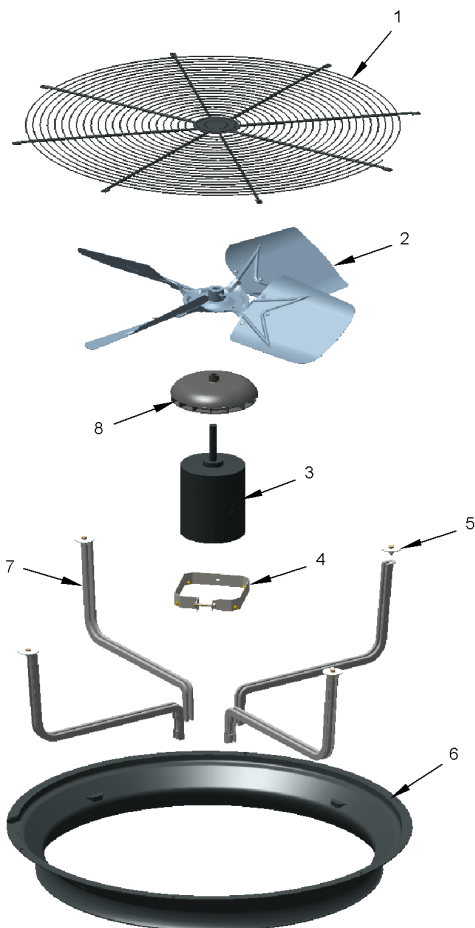
Part No.	Reference No.	Quantity	Description
75010558_TWAUP70_181914~P	*		FAN PARTS LIST

FAN

75010558

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TYPICAL ILLUSTRATION



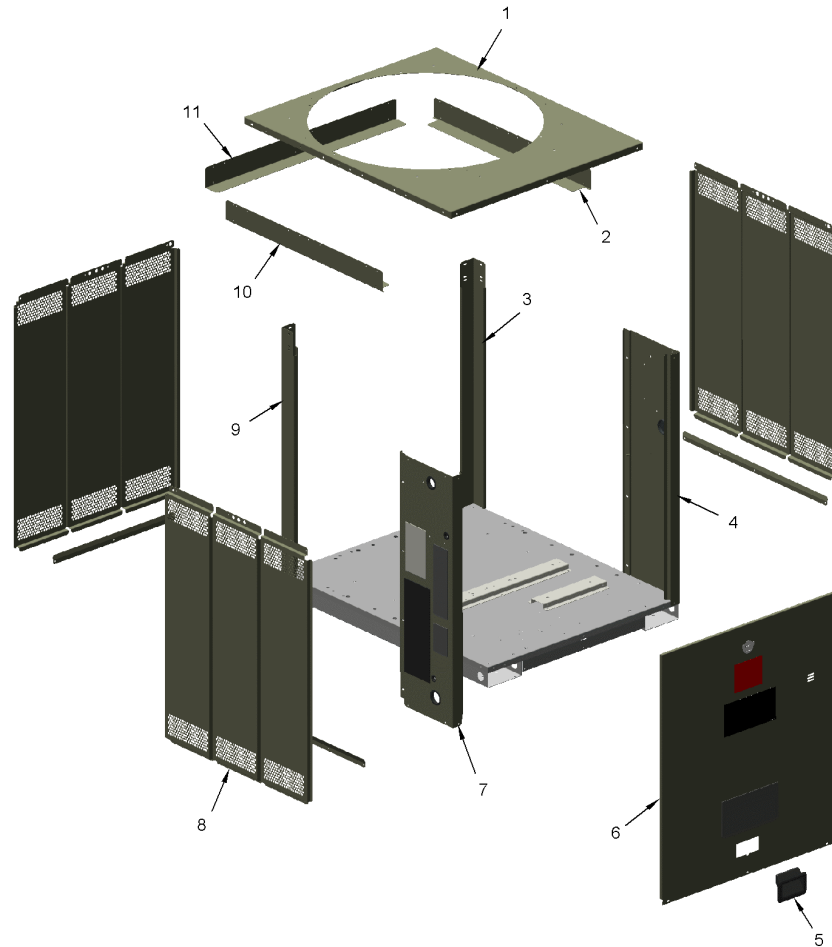
Part No.	Reference No.	Quantity	Description
COV04102	*	1	COVER; TOP, 41" X 34"
NUT00517	*	6	NUT; SPEED
SCR01510	*	6	SCREW; 10-16 AB HXW 1/2 SN
GRL00424	1	1	GRILLE; 26 IN PROP/ORIF
FAN02294	2	1	FAN; 3 BLADE, STEEL, 26 DIA, 24 DEG, .50 BORE, CW
MOT05059	3	1	MOTOR; 1/2 HP,208-230/60/1, 1100 RPM, CCW, PSC, OD, 48, BB, 10 AT 440V
MNT00509	4	1	MOUNT; MOTOR, 17.63 L
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
ORF01507	6	1	ORIFICE; FAN
ARM00192	7	4	ARM; MOTOR MOUNT
SLG00052	8	1	SLINGER; 1/2 IN. BORE, 2.38 OD DIA

CABINET

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Coil Guards are optional and will appear in the Parts List if ordered with the unit.



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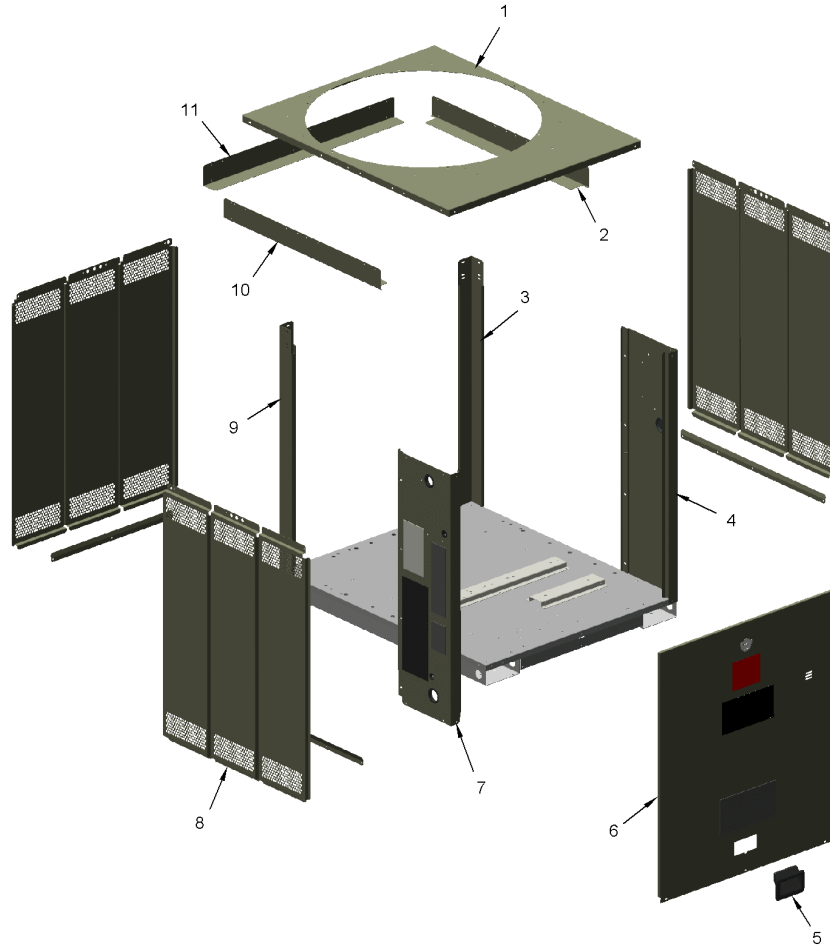
Part No.	Reference No.	Quantity	Description
75011025_TWAUP70_181932~P	*		CABINET PARTS LIST

CABINET

75011025

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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
PAI00074	*	1	PAINT; SPRAY, SLATE GREY, FULL GLOSS(88) (SHIPPING UOM 12 OZ HAZ)
COV04102	1	1	COVER; TOP, 41" X 34"
BOF02278	2	1	BLOCKOFF; SIDE ASSEMBLY, 31.1 LONG
PNL26713	3	1	PANEL; FRAME CORNER, 2.50 X 2.50 X 36.41
FRM01923	4	1	FRAME; SIDE PANEL, 36.3 X 10.7
PLU00361	4	1	PLUG; 2.0 DIA, 0.12 THICK PLASTIC
PLU00999	4	1	PLUG; 1.5 DIAMETER MOUNTING HOLE, 0.13 THICK MOLDED PLASTIC
HDL00887	5	1	HANDLE; ACCESS PANEL, BLACK PLASTIC, 5.15 X 3.275
PNL27098	6	1	PANEL; ACCESS, 30.3 X 36.1
BUS00361	7	1	BUSHING; SNAP, 0.88 INCH OD X 0.69 ID, MAX PANEL THICKNESS 0.125, BLACK NYLON
BUS00373	7	1	BUSHING; SNAP, 2.00 INCH OD X 1.63 ID, MAX PANEL THICKNESS 0.125, BLACK NYLON
BUS00375	7	1	BUSHING; SNAP, 1.75 INCH OD X 1.38 ID, MAX PANEL THICKNESS 0.125, BLACK NYLON
FRM01907	7	1	FRAME; SIDE, 36.3 X 10.7
GRM00118	7	1	GROMMET; 3/16 IN ID, NEOPRENE
PNL26713	9	1	PANEL; FRAME CORNER, 2.50 X 2.50 X 36.41
BOF02278	10	1	BLOCKOFF; SIDE ASSEMBLY, 31.1 LONG
BOF02277	11	1	BLOCKOFF; REAR ASSEMBLY, 33.6 LONG

Model Nomenclature											75009085	REV A																																													
Condensing Units																																																									
<u>Product Type</u> _____ TTA = Split System Cooling Only TWA = Split System Heat Pump <u>Nominal Gross Cooling Capacity (MBH)</u> _____ <table style="width: 100%; font-size: small;"> <tr> <td>061 = 5 Tons</td> <td>126 = 10.5 Tons</td> <td>251 = 21 Tons</td> </tr> <tr> <td>073 = 6 Tons</td> <td>150 = 12.5 Tons</td> <td>300 = 25 Tons</td> </tr> <tr> <td>076 = 6.3 Tons</td> <td>156 = 13 Tons</td> <td></td> </tr> <tr> <td>086 = 7.1 Tons</td> <td>180 = 15 Tons</td> <td></td> </tr> <tr> <td>090 = 7.5 Tons</td> <td>201 = 16.7 Tons</td> <td></td> </tr> <tr> <td>101 = 8.4 Tons</td> <td>240 = 20 Tons</td> <td></td> </tr> <tr> <td>120 = 10 Tons</td> <td colspan="2">Example: 061 MBH = 5 Tons</td> </tr> </table> <u>Major Development Sequence</u> _____ D = Single Compressor/Single Refrigerant Circuit, R-410A E = Dual Compressor/Dual Refrigerant Circuit, R-410A F = Dual Compressor/Single Manifold Refrigerant Circuit, R410A <u>Electrical Characteristics</u> _____ 3 = 208-230/60/3 4 = 460/60/3 W = 575/60/3 D = 380-415/50/3 K = 380/60/3 <u>Factory Installed Options</u> _____ 00 = Packed Stock 0S = Complete Coat Coil 0R = ReliaTel Controls 0T = ReliaTel Controls and Complete Coat Coil 0U = ReliaTel Controls with LonTalk Communications Interface (RLCI) 0W = ReliaTel Controls with LonTalk Communications Interface (RLCI) and Complete Coat Coil H0 = Hail Guard HS = Hail Guard and Complete Coat Coil HR = Hail Guard and ReliaTel Controls HT = Hail Guard and ReliaTel Controls and Complete Coat Coil HU = Hail Guard and ReliaTel Controls with LonTalk Communications Interface (RLCI) HW = Hail Guard and ReliaTel Controls with LonTalk Communications Interface (RLCI) and Complete Coat Coil <u>Minor Design Sequence</u> _____ Current Design Sequence <u>Service Digit</u> _____ <table style="margin: 0 auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> <tr> <td>T</td><td>T</td><td>A</td><td>0</td><td>6</td><td>1</td><td>D</td><td>3</td><td>0</td><td>0</td><td>E</td><td>A</td> </tr> </table>													061 = 5 Tons	126 = 10.5 Tons	251 = 21 Tons	073 = 6 Tons	150 = 12.5 Tons	300 = 25 Tons	076 = 6.3 Tons	156 = 13 Tons		086 = 7.1 Tons	180 = 15 Tons		090 = 7.5 Tons	201 = 16.7 Tons		101 = 8.4 Tons	240 = 20 Tons		120 = 10 Tons	Example: 061 MBH = 5 Tons		1	2	3	4	5	6	7	8	9	10	11	12	T	T	A	0	6	1	D	3	0	0	E	A
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75009085_TWAUP70_177355~P	*		MODEL NUMBER DESCRIPTION PARTS LIST

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Part No.	Reference No.	Quantity	Description
OPTIONSTWA_TWAUP70_18193 7-P	*		FIELD INSTALLED OPTIONS PARTS LIST

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**NO
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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
GRD01694	*	1	GUARD; CONDENSER HAIL (BAYGARD058A)
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 INCLUDED CON00251