ADVANCED TEMPERATURE CONTROL

TRUCK REFRIGERATION SYSTEMS

TRUCK UNIT PARTS BREAKDOWNS

1416 GRAHAM'S LANE
BURLINGTON, ONTARIO, CANADA. L7S 1W3
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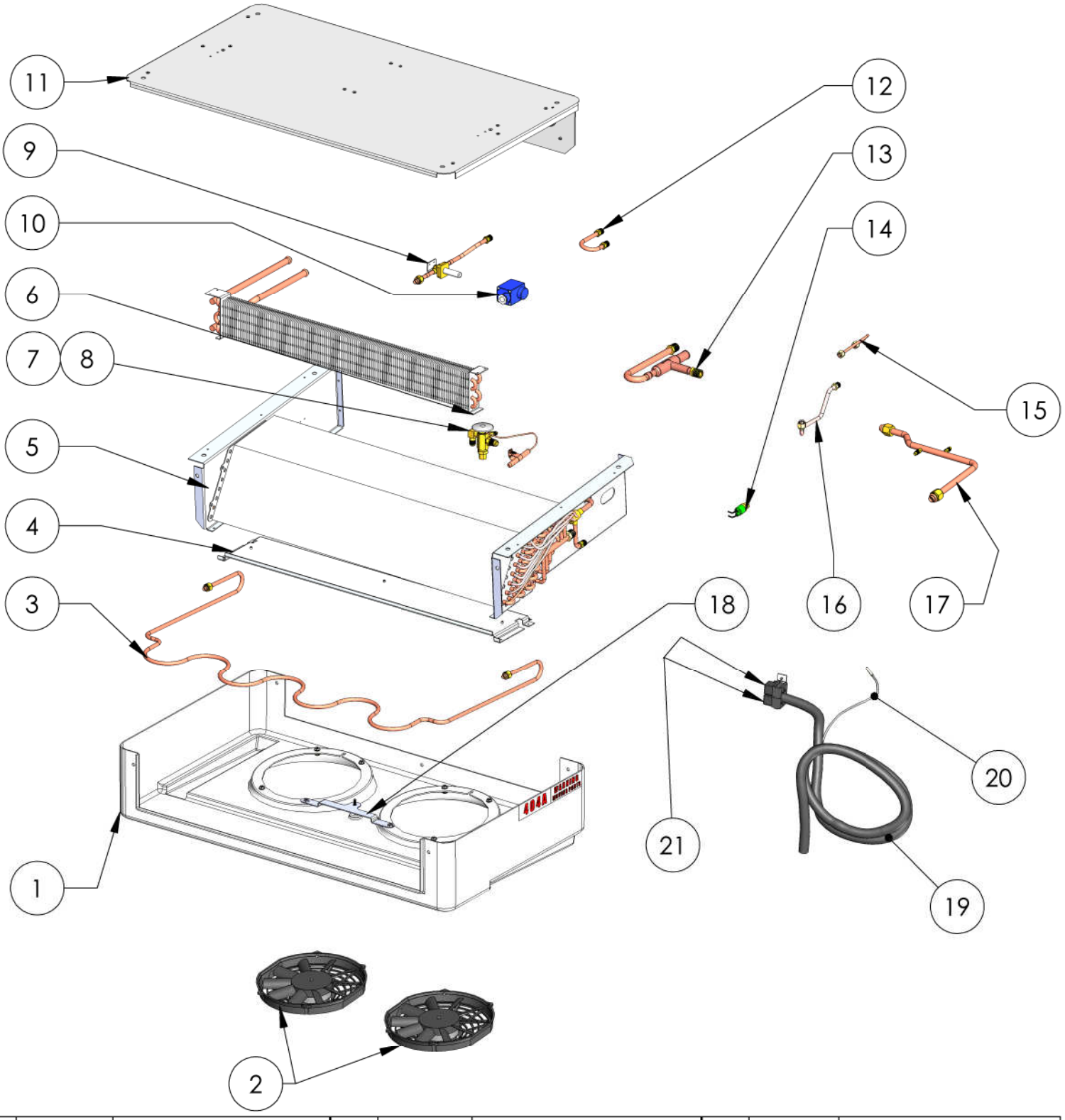
REV. 2015

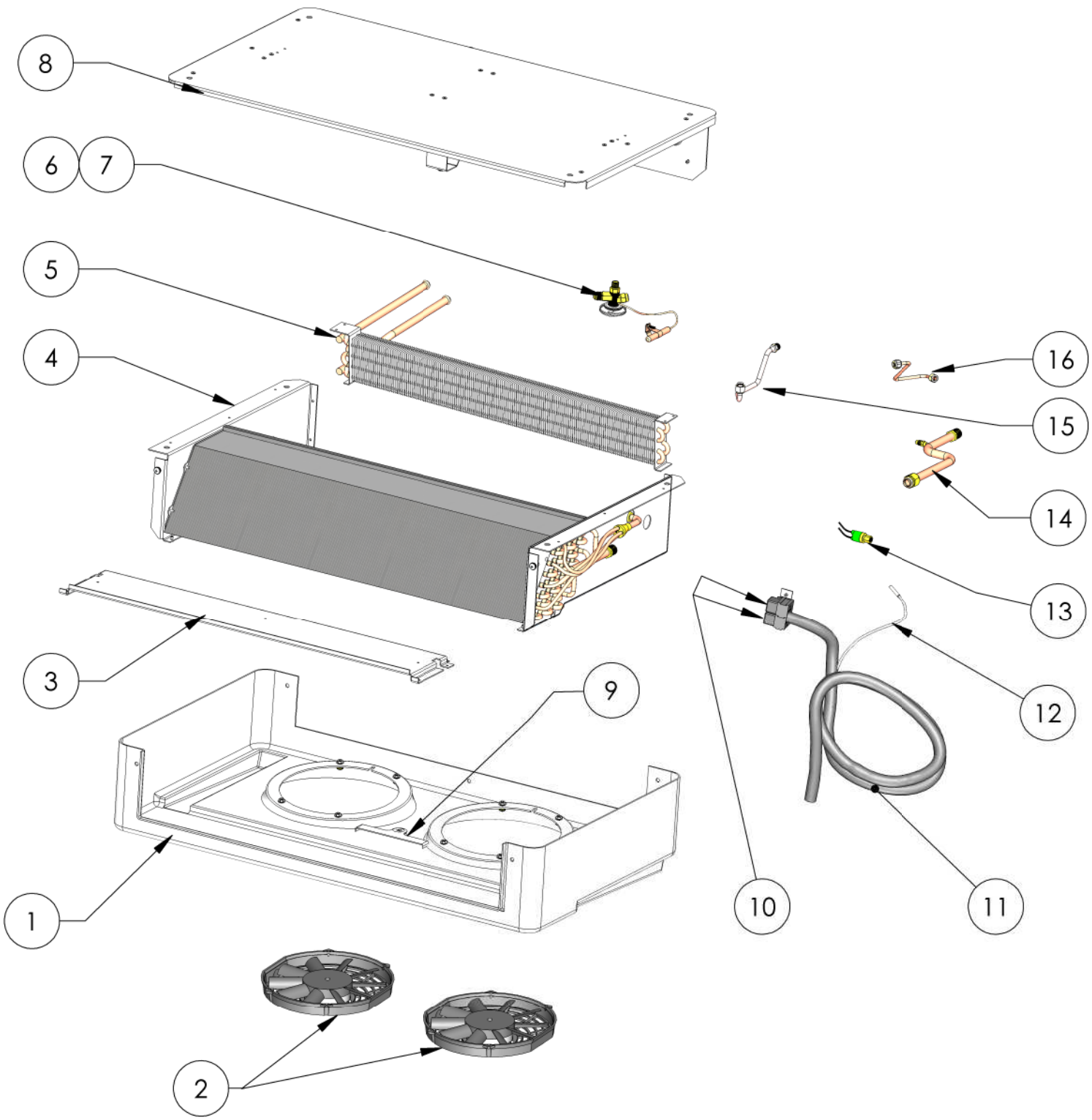
EVAPORATOR LOW TEMP 16L-2 & 16LH-2 (OPTIONAL WITH HEAT)



ITEM	PART No.	DESCRIPTION	ITEM	PART No.	DESCRIPTION	ITEM	PART No.	DESCRIPTION
1	M980378	ABS DRAIN PAN	9	M970813	HOT GAS VALVE	17	M970858	EVAP. OUTLET LINE
2	M910147	FAN 10" - (PUSH) 12VDC	10	M910052	SOLENOID COIL - 12V DC	18	M9124-15	BRACKET - FANS
3	M970828	HOT GAS DEFROST LOOP	11	M9124-11	TOP CASE	19	M920273	EVAP. HARNESS - LOW
4	M9124-13	AIR DEFLECTOR	12	M970814	CONNECTION TUBE	20	M920052	DOUBLE PROBE ASS'Y
5	M970268	EVAPORATOR COIL	13	M970812	CPR VALVE PIPE ASS'Y	21	M910080	RELAY 40A 12VDC
6	M970269	HEATER COIL (OPTIONAL)	14	M910563	LOW PRESSURE SWITCH			
7	M910554	EXPANSION VALVE - 1.5 TON (R404)	15	M970830	EQUALIZER LINE			
8	M910552	ORFICE - #4	16	M970857	EXP'N VALVE INLET LINE			

DWG	DATE	REV.
9125-3D1	JAN 30, 2015	C

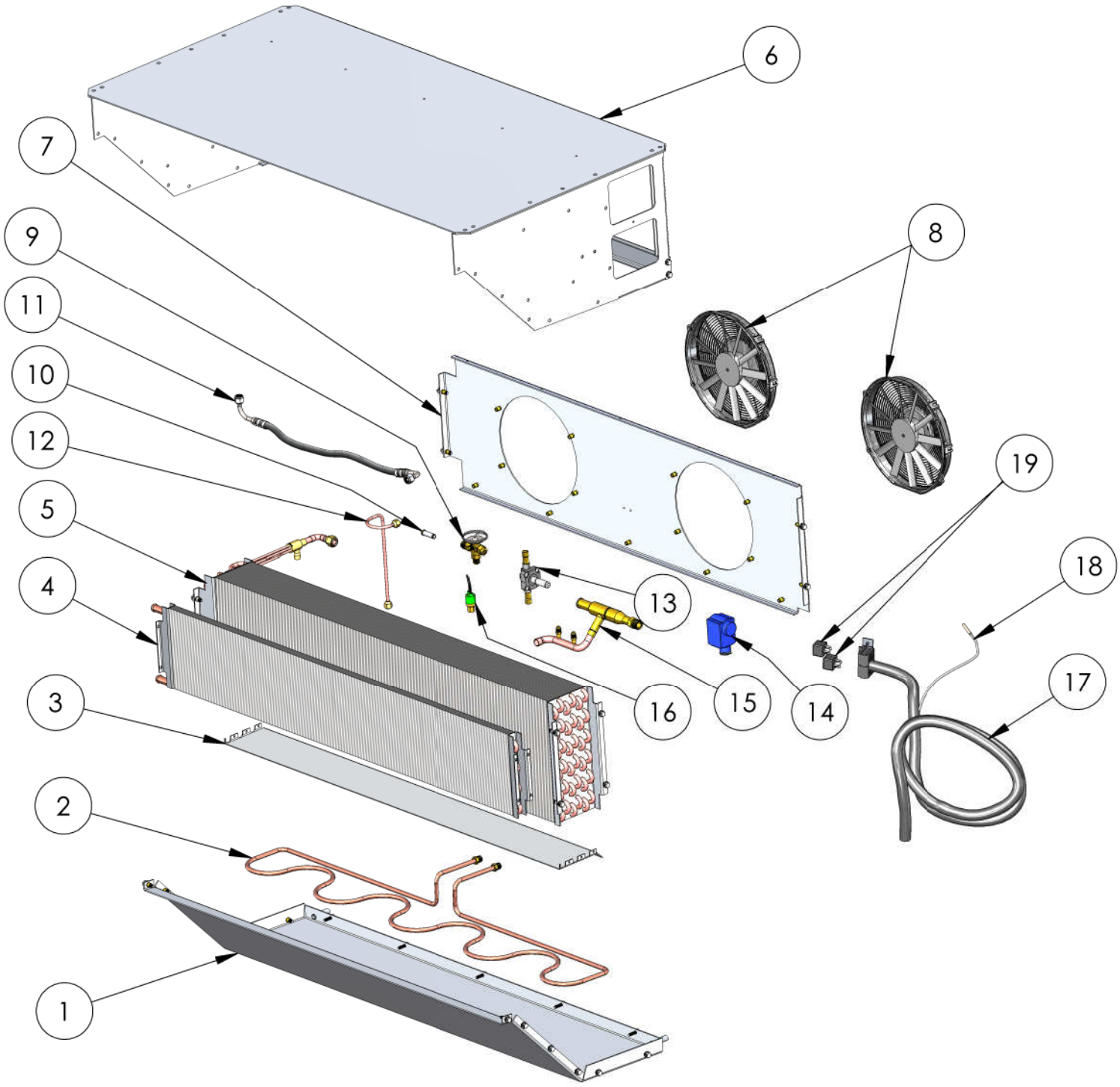
EVAPORATOR MED TEMP 16M-1 & 16MH-1 (OPTIONAL WITH HEAT)



ITEM	PART No.	DESCRIPTION	ITEM	PART No.	DESCRIPTION	ITEM	PART No.	DESCRIPTION
1	M980378	ABS DRAIN PAN	7	M910052	ORFICE #4	13	M910563	LOW PRESSURE SWITCH
2	M910147	FAN 10" - (PUSH) 12VDC	8	M9124-11	TOP CASE	14	M970810	EVAP. OUTLET
3	M9124-13	AIR DEFLECTOR	9	M9124-15	BRACKET - FANS	15	M970857	EXP'N VALVE INLET LINE
4	M970267	EVAPORATOR COIL	10	M910080	RELAY 40A 12VDC	16	M970856	EQUALIZER LINE
5	M970269	HEATER COIL (OPTIONAL)	11	M920272	EVAP. HARNESS			
6	M910537	EXPANSION VALVE - 1.5 TON (R134)	12	M920052	DOUBLE PROBE ASS'Y			

DWG	DATE	REV.
9124-3D1	MAR 12, 2015	D

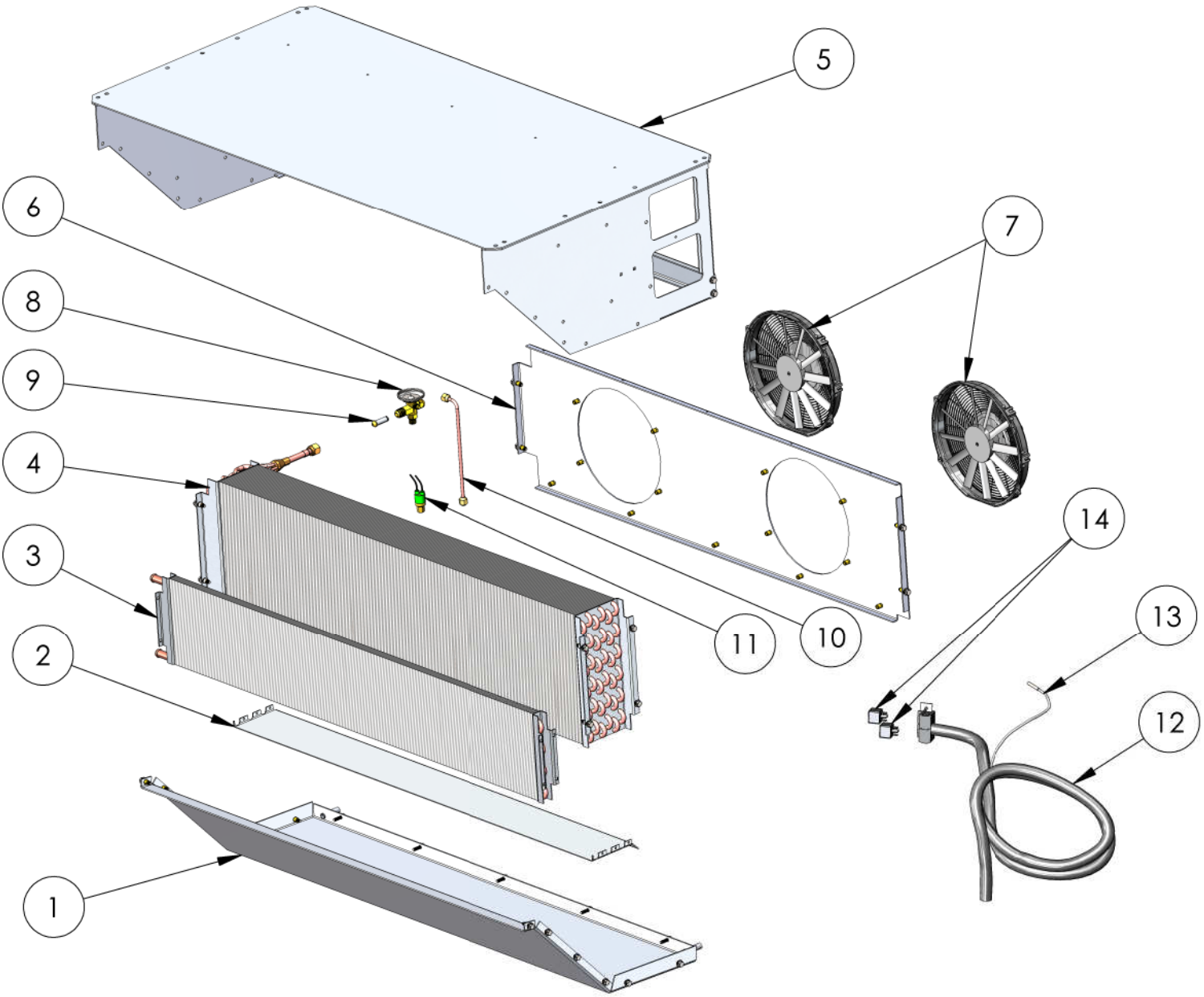
EVAPORATOR LOW TEMP 18L & 18LH (OPTIONAL WITH HEAT)



ITEM	PART No.	DESCRIPTION	ITEM	PART No.	DESCRIPTION
1	M980193	DRAIN PAN-BTM PANEL	11	M970747	HOT GAS LINE
2	M970722	DRAIN PAN HEATER	12	M970756	EQUALIZER TUBE
3	M980228	AIR DEFLECTOR	13	M910055	SOLENOID VALVE
4	M970220	HEATER COIL	14	M910052	SOLENOID COIL - 12VDC
5	M970199	EVAPORATOR COIL	15	M970741	OUTLET LINE ASS'Y
6	18 EVAP SHELL	EVAP. SHELL ASS'Y	16	M910563	LOW PRESSURE SWITCH
7	M980194	VENTURI	17	M920273	WIRE HARNESS
8	M910148	FAN 10"- 12VDC (QTY-2)	18	M920052	DOUBLE PROBE ASS'Y
9	M910554	EXPANSION VALVE	19	M910080	RELAY 40A 12VDC (QTY-2)
10	M910552	ORFICE #4 (1.5 TON)			

DWG	DATE	REV.
9054-3D4	OCT. 26, 2015	

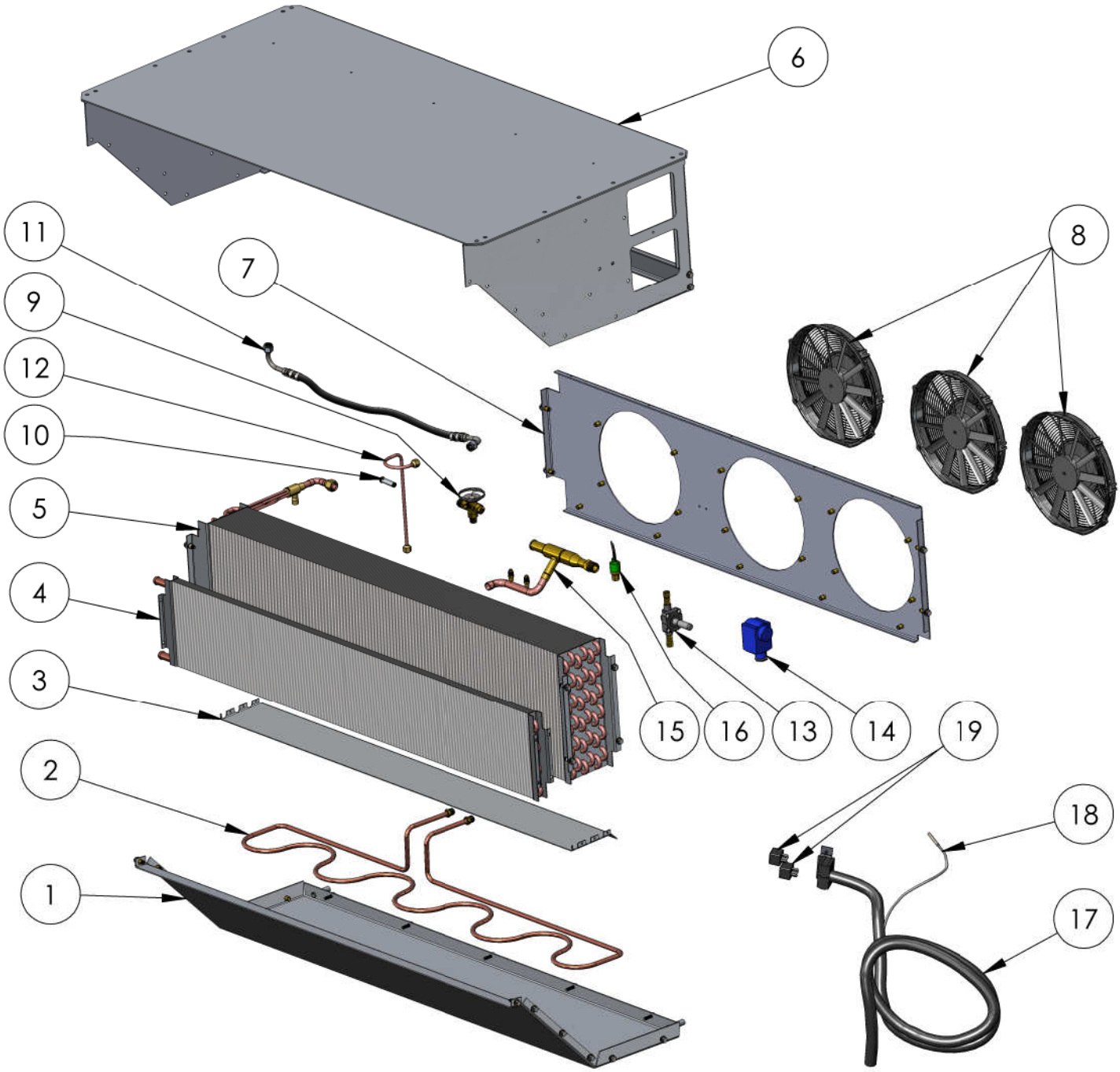
EVAPORATOR MEDIUM TEMP 18M & 18MH (OPTIONAL WITH HEAT)



ITEM	PART No.	DESCRIPTION	ITEM	PART No.	DESCRIPTION
1	M980193	DRAIN PAN-BTM PANEL	9	M910552	ORFICE #4 (1.5 TON)
2	M980228	AIR DEFLECTOR	10	M970739	EQUALIZER TUBE
3	M970220	HEATER COIL (OPTIONAL)	11	M910563	LOW PRESSURE SWITCH
4	M970206	EVAPORATOR COIL	12	M920272	WIRE HARNESS
5	18 EVAP SHELL	EVAP. SHELL ASS'Y	13	M920052	DOUBLE PROBE ASS'Y
6	M980194	VENTURI	14	M910080	RELAY 40A 12VDC (QTY-2)
7	M910148	FAN 10"- 12VDC (QTY-2)			
8	M910537	EXPANSION VALVE			

DWG	DATE	REV.
9054-3D3	OCT. 27, 2015	

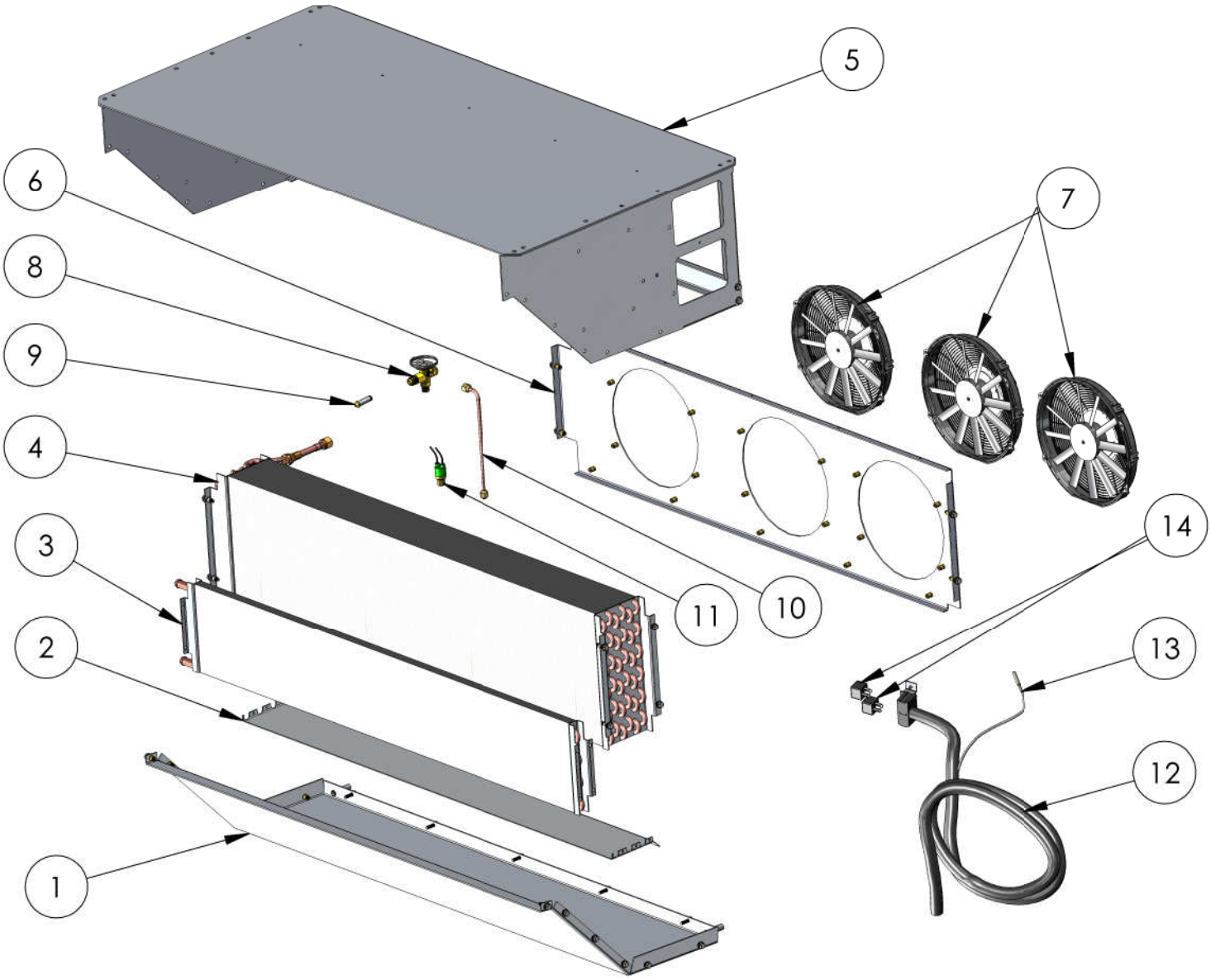
EVAPORATOR LOW TEMP 20L & 20LH (OPTIONAL WITH HEAT)



ITEM	PART No.	DESCRIPTION	ITEM	PART No.	DESCRIPTION
1	M980193	DRAIN PAN-BTM PANEL	11	M970747-3	HOT GAS LINE
2	M970757	DRAIN PAN HEATER	12	M970756	EQUALIZER TUBE
3	M980228	AIR DEFLECTOR	13	M910055	SOLENOID VALVE
4	M970220	HEATER COIL	14	M910052	SOLENOID COIL - 12VDC
5	M970199	EVAPORATOR COIL	15	M970741	OUTLET LINE ASS'Y
6	18 EVAP SHELL	EVAP. SHELL ASS'Y	16	M910563	LOW PRESSURE SWITCH
7	M980194-3	VENTURI	17	M920273	WIRE HARNESS
8	M910147	FAN 10"- 12VDC (QTY-3)	18	M920052	DOUBLE PROBE ASS'Y
9	M910554	EXPANSION VALVE (404A)	19	M910080	RELAY 40A 12VDC (QTY-2)
10	M910552	ORFICE #5 (2 TON)			

DWG	DATE	REV.
9054-3D6	OCT. 27, 2015	

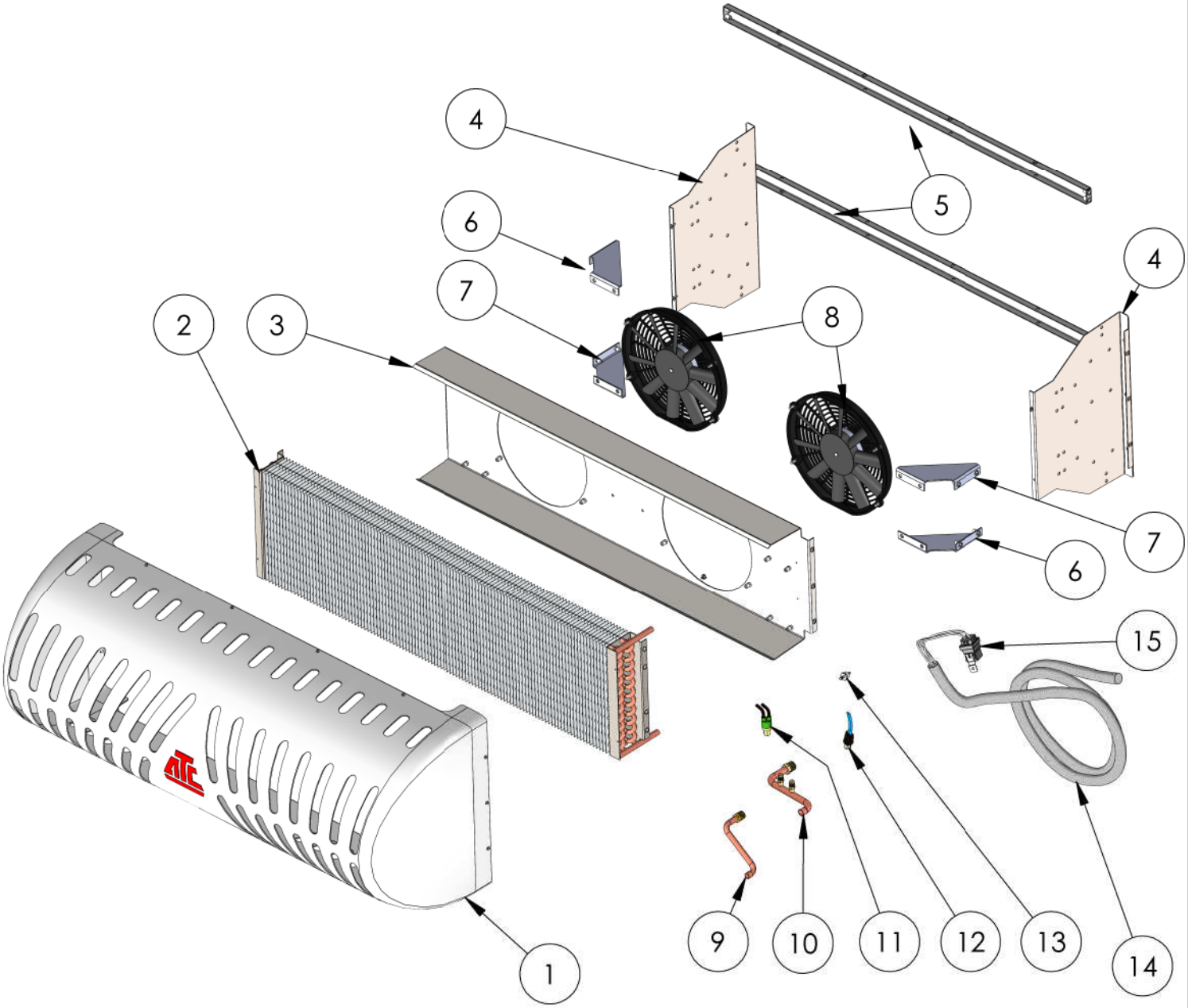
EVAPORATOR MEDIUM TEMP 20M & 20MH (OPTIONAL WITH HEAT)



ITEM	PART No.	DESCRIPTION	ITEM	PART No.	DESCRIPTION
1	M980193	DRAIN PAN-BTM PANEL	9	M910553	ORFICE #5 (2 TON)
2	M980228	AIR DEFLECTOR	10	M970739	EQUALIZER TUBE
3	M970220	HEATER COIL (OPTIONAL)	11	M910563	LOW PRESSURE SWITCH
4	M970206	EVAPORATOR COIL	12	M920272	WIRE HARNESS
5	18 EVAP SHELL	EVAP. SHELL ASS'Y	13	M920052	DOUBLE PROBE ASS'Y
6	M980194-3	VENTURI	14	M910080	RELAY 40A 12VDC (QTY-2)
7	M910147	FAN 10"- 12VDC (QTY-3)			
8	M910537	EXPANSION VALVE			

DWG	DATE	REV.
9054-3D5	OCT. 27, 2015	

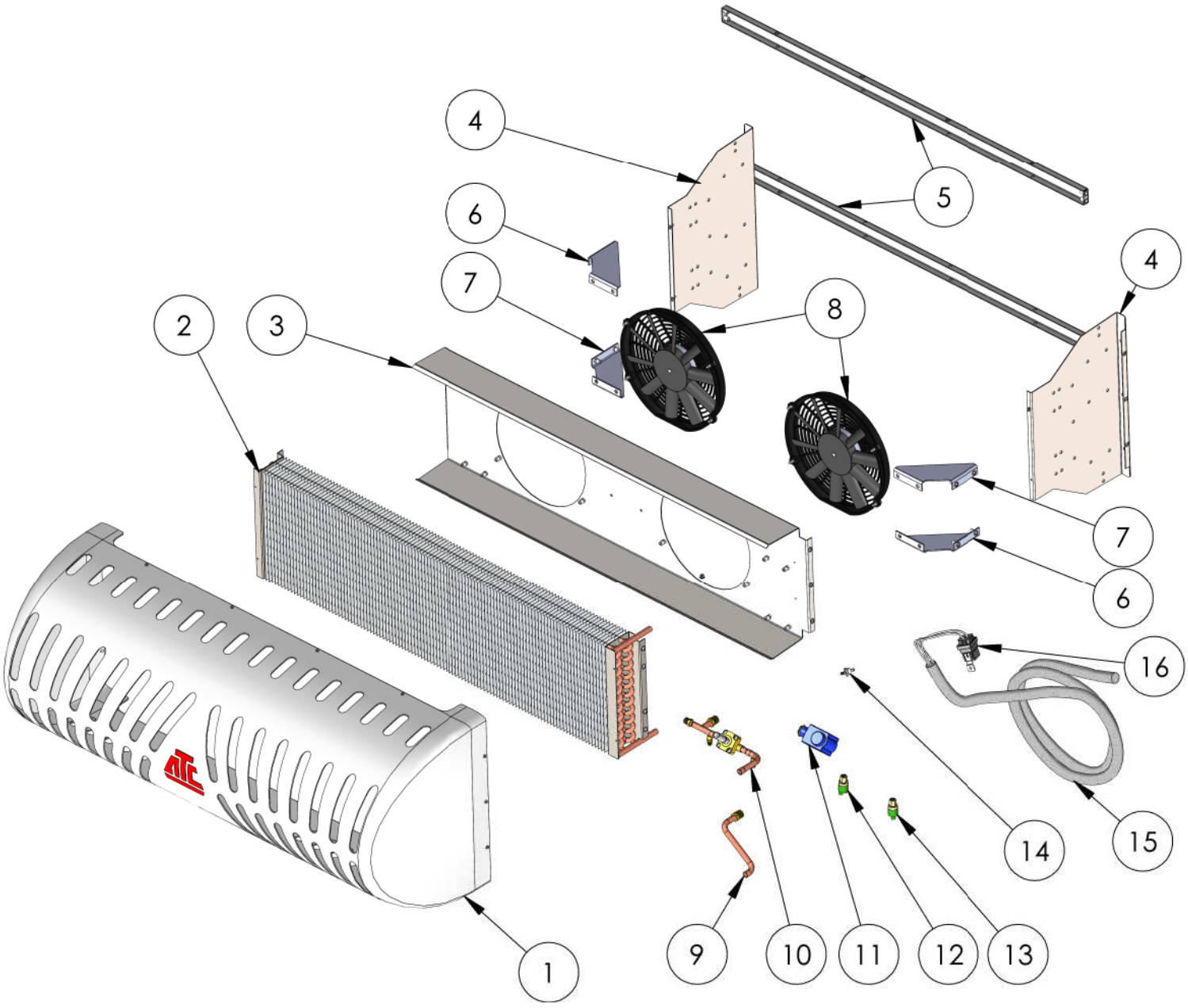
CONDENSER MEDIUM TEMP A18-1



ITEM	PART No.	DESCRIPTION	ITEM	PART No.	DESCRIPTION
1	M980301	ABS COVER	9	M970713	OUTLET LINE
2	M970212	CONDENSER COIL	10	M970712	INLET LINE
3	M980093	VENTURI	11	M910560	HIGH PRESSURE SWITCH
4	M980097	END PANEL	12	M910565	FAN CYCLE SWITCH
5	M980041	MOUNTING RAIL	13	M910082	DIODE RECTIFIER
6	M980279	RH SIDE BRACKET	14	M920277	CONDENSER HARNESS
7	M980279	LH SIDE BRACKET	15	M910094	WATER RESISTANT RELAY
8	M910132	11" FAN (PULL) 12V			

DWG	DATE	REV.
9108-3D3	MAR 25, 2015	

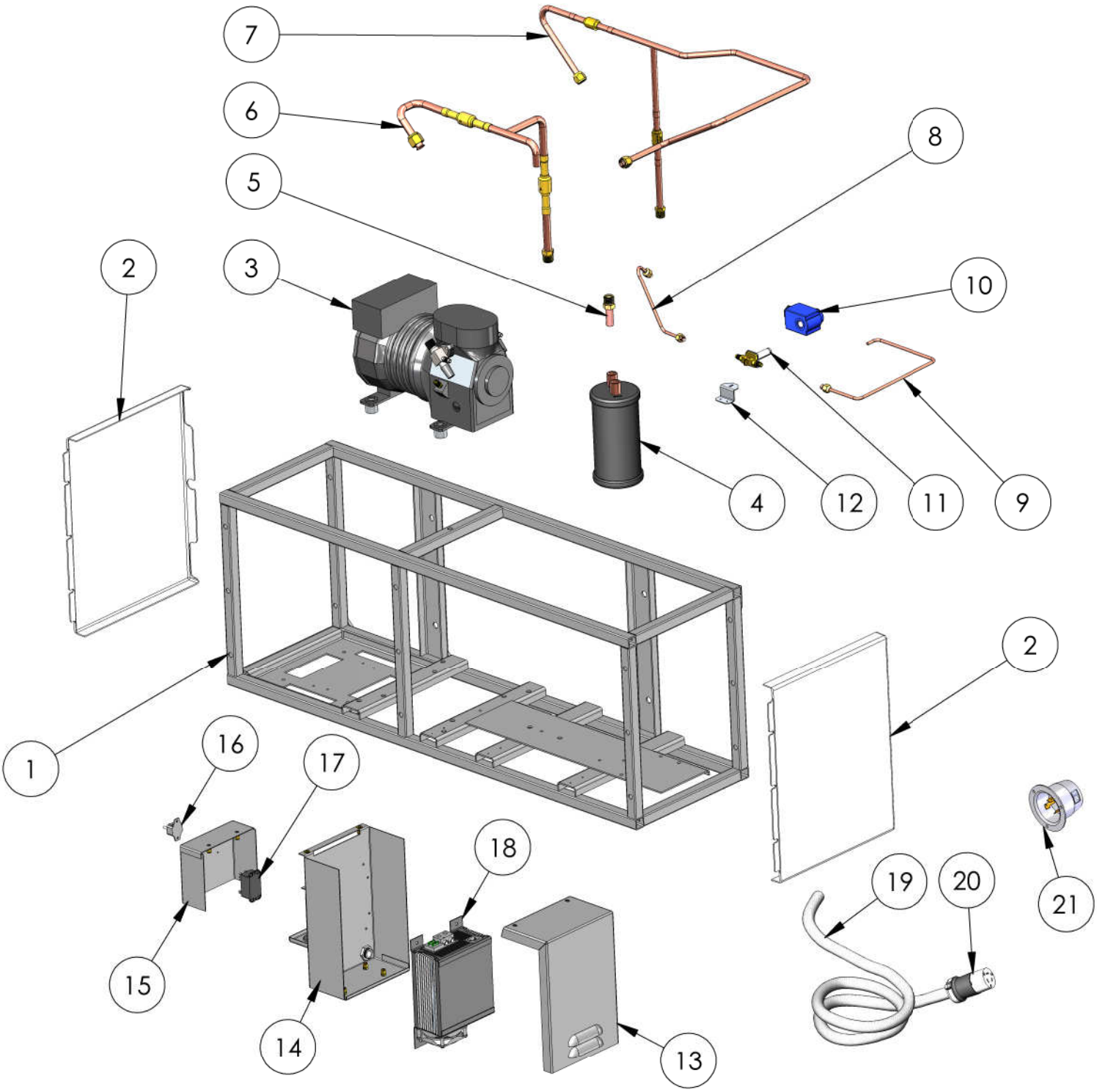
CONDENSER LOW TEMP A18-2



ITEM	PART No.	DESCRIPTION	ITEM	PART No.	DESCRIPTION
1	M980301	ABS COVER	9	M970713	OUTLET LINE
2	M970212	CONDENSER COIL	10	M970861	HOT GAS VALVE
3	M980093	VENTURI	11	M910052	SOLENOID COIL - 12V DC
4	M980097	END PANEL	12	M910564	HIGH PRESSURE SWITCH
5	M980041	MOUNTING RAIL	13	M910566	FAN CYCLE SWITCH
6	M980279	RH SIDE BRACKET	14	M910082	DIODE RECTIFIER
7	M980279	LH SIDE BRACKET	15	M920277	CONDENSER HARNESS
8	M910132	11" FAN (PULL) 12 V	16	M910094	WATER RESISTANT RELAY

DWG	DATE	REV.
9108-3D2	MAR 19, 2015	

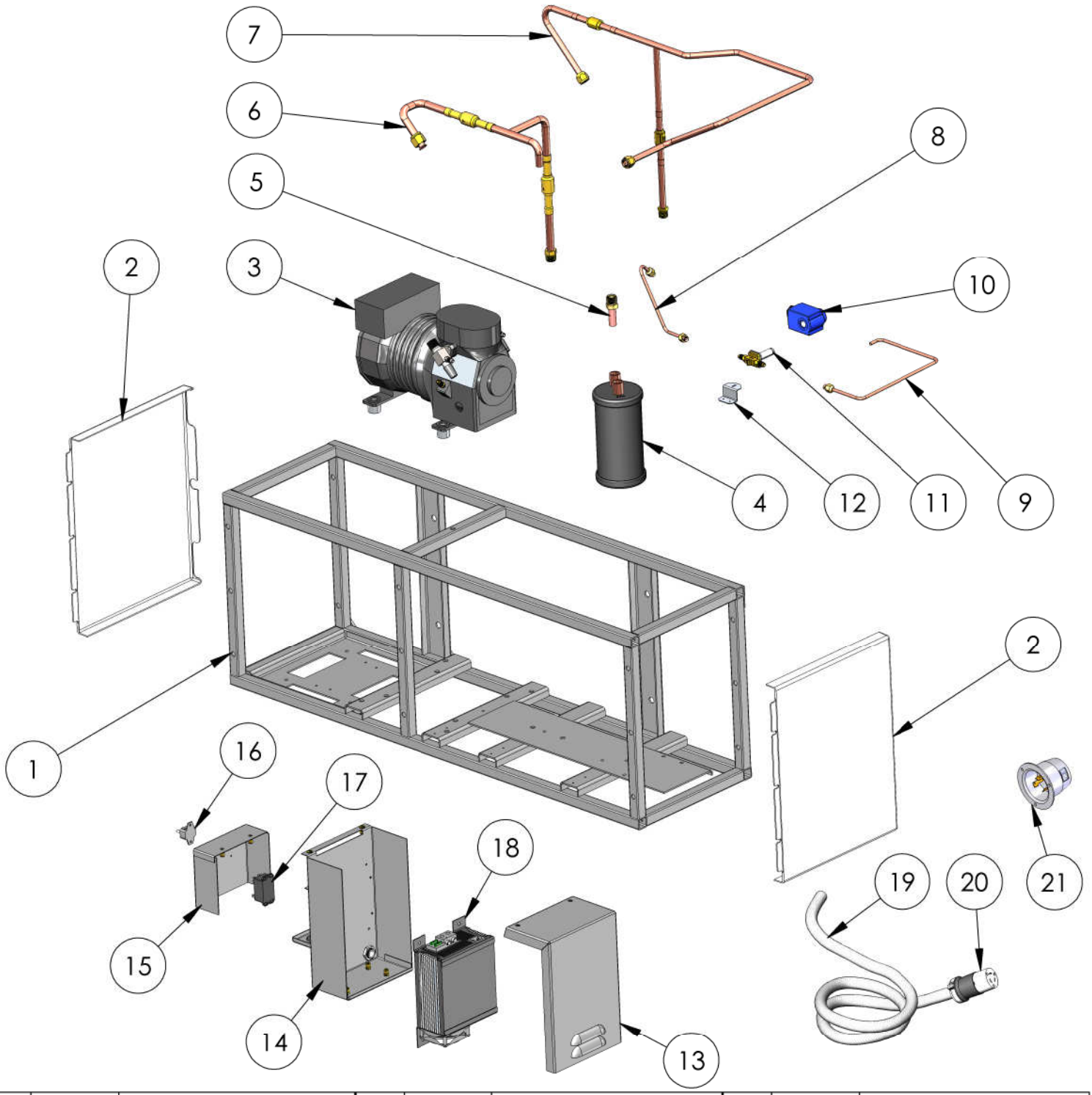
M980108-SPS ESB 16/18 REM 230/1/60 MEDIUM TEMP



	PART No.	DESCRIPTION	ITEM	PART No.	DESCRIPTION	ITEM	PART No	DESCRIPTION
1	M9138-11	WELDED FRAME ASS'Y	9	M970724	OIL LINE OUT	17	M910106	RELAY 120/240 VAC
2	M980303	ABS COVER SIDE PANEL	10	M910052	SOLENOID COIL - 12V DC	18	M910127	POWER SUPPLY 230V IN - 13VDC OUT - 55A
3	M970454	COMPRESSOR MED.TEMP 230/1/60 1.5 HP	11	M910540	OIL SOLENOID VALVE	19	M920043	A.C. CABLE ESB
4	M910515	ACCUMULATOR	12	M930140	OIL VALVE BRACKET	20	M920089	RECEPTACLE 240VAC FEM.
5	M970845	ACCUMULATOR ADAPTOR	13	M9112-17	POWER SUPPLY COVER	21	M920087	RECEPTACLE 240VAC
6	M970706	SUCTION LINE ASS'Y	14	M9112-16	POWER SUPPLY / RELAY PANEL ASS'Y	22	M920242	REMOTE PLUG BOX (NOT SHOWN)
7	M970705	DISCHARGE LINE ASS'Y	15	M9112-12	RELAY BOX COVER	23	M920090	RECEPTACLE COVER (NOT SHOWN)
8	M970723	OIL LINE IN	16	M910034	CIRCUIT BREAKER - 50 A.			

DWG	DATE	REV.
9150-3D3	AUG 24, 2015	A

M980112-SPS ESB 16/18 REL 230/1/60 LOW TEMP



	PART No.	DESCRIPTION	ITEM	PART No.	DESCRIPTION	ITEM	PART No	DESCRIPTION
1	M9138-11	WELDED FRAME ASS'Y	9	M970724	OIL LINE OUT	17	M910106	RELAY 120/240 VAC
2	M980303	ABS COVER SIDE PANEL	10	M910052	SOLENOID COIL - 12V DC	18	M910127	POWER SUPPLY 230V IN - 13VDC OUT - 55A
3	M970458	COMPRESSOR LOW TEMP 230/1/60 1.5 HP 404A	11	M910540	OIL SOLENOID VALVE	17	M920043	A.C. CABLE ESB
4	M910515	ACCUMULATOR	12	M930140	OIL VALVE BRACKET	20	M920089	RECEPTACLE 240VAC FEM.
5	M970845	ACCUMULATOR ADAPTOR	13	M9112-17	POWER SUPPLY COVER	21	M920087	RECEPTACLE 240VAC
6	M970706	SUCTION LINE ASS'Y	14	M9112-16	POWER SUPPLY / RELAY PANEL ASSEMBLY	22	M920242	REMOTE PLUG BOX (NOT SHOWN)
7	M970705	DISCHARGE LINE ASS'Y	15	M9112-12	RELAY BOX COVER	23	M920090	RECEPTACLE COVER (NOT SHOWN)
8	M970723	OIL LINE IN	16	M910034	CIRCUIT BREAKER - 50 A.			

DWG	DATE	REV.
9150-3D2	AUG 25, 2015	A