

EH330 and EH430 Service Parts

This part list contains the service parts for the Eclipse 1200, 1400, 1800 and 2000 systems.

The models that are covered include:

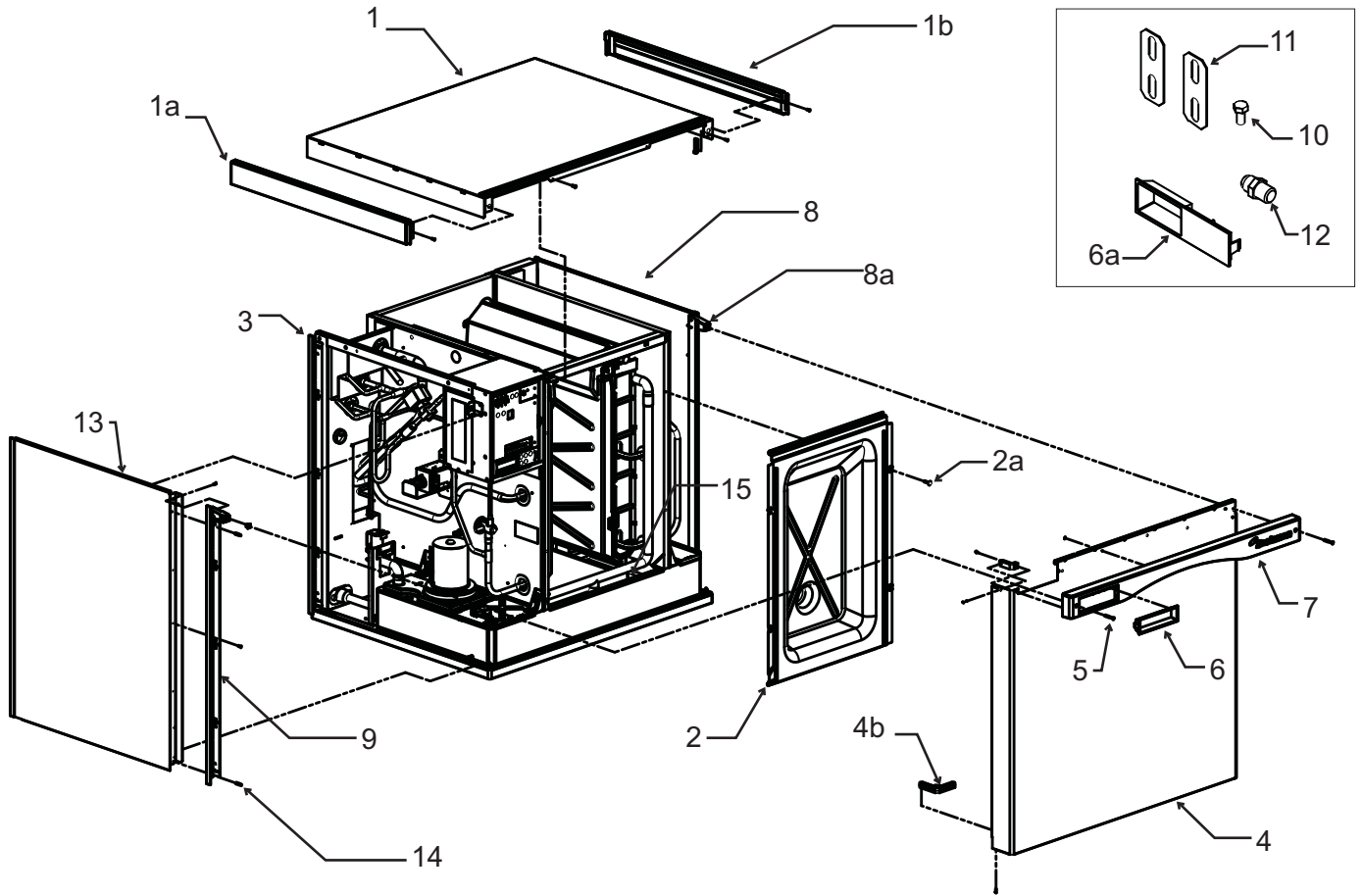
- EH330
- EH430
- C1200CP
- C1410CP
- C1800CP
- C2000CP
- ERC1086
- ERC2086

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EH330 and EH430 Service Parts

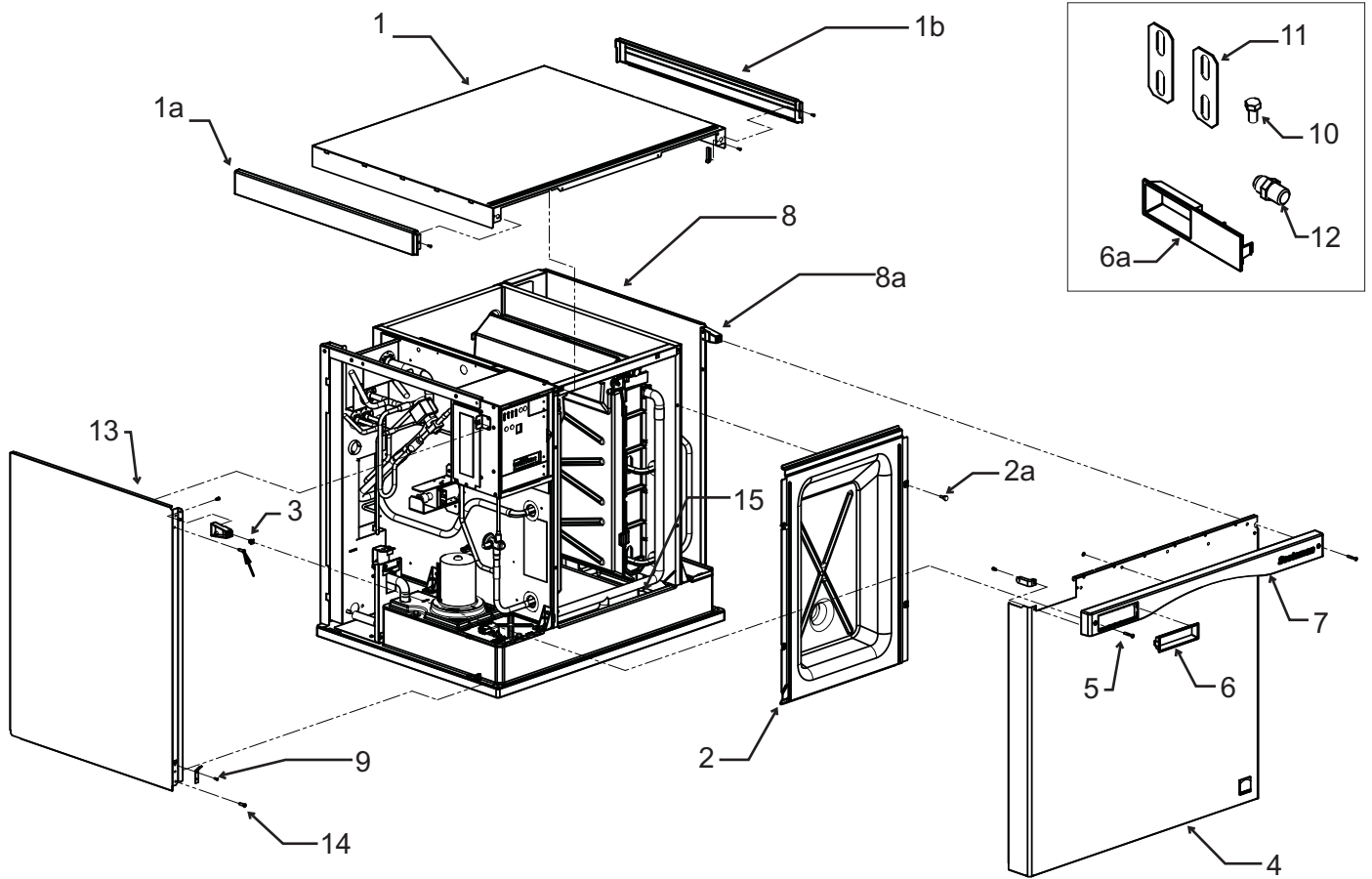
EH330 Cabinet - A Series



Item Number	Part Number	Description	Item Number	Part Number	Description
1	A38941-022	Top panel, w/trim strips	8a	02-4215-01	Receptacle
1a	02-4221-01	Left trim strip	9	02-4067-01	Side panel support
1b	02-4221-02	Right trim strip	10	03-1405-15	Screw
2	02-4504-01	Evaporator cover	11	A30911-015	Machine straps
2a	03-0727-05	Screw	12	16-0355-00	Inlet water fitting, flare
3	02-4067-03	Side panel support	13	A38551-022	Left side panel
4	A38552-022	Front panel assembly, includes trim strip, gussets and labels.	14	03-1404-12	Screw
4a	02-4216-01	Top gusset	15	13-0943-01	Gasket tape
4b	02-4217-01	Bottom gusset			
5	03-1735-03	Screw, front panel			
6	02-4284-01	Bezel, full window			
6a	02-4284-02	Bezel, partial window			
7	02-4214-02	Trim strip			
8	A38553-021	Right side panel assy			

EH330 and EH430 Service Parts

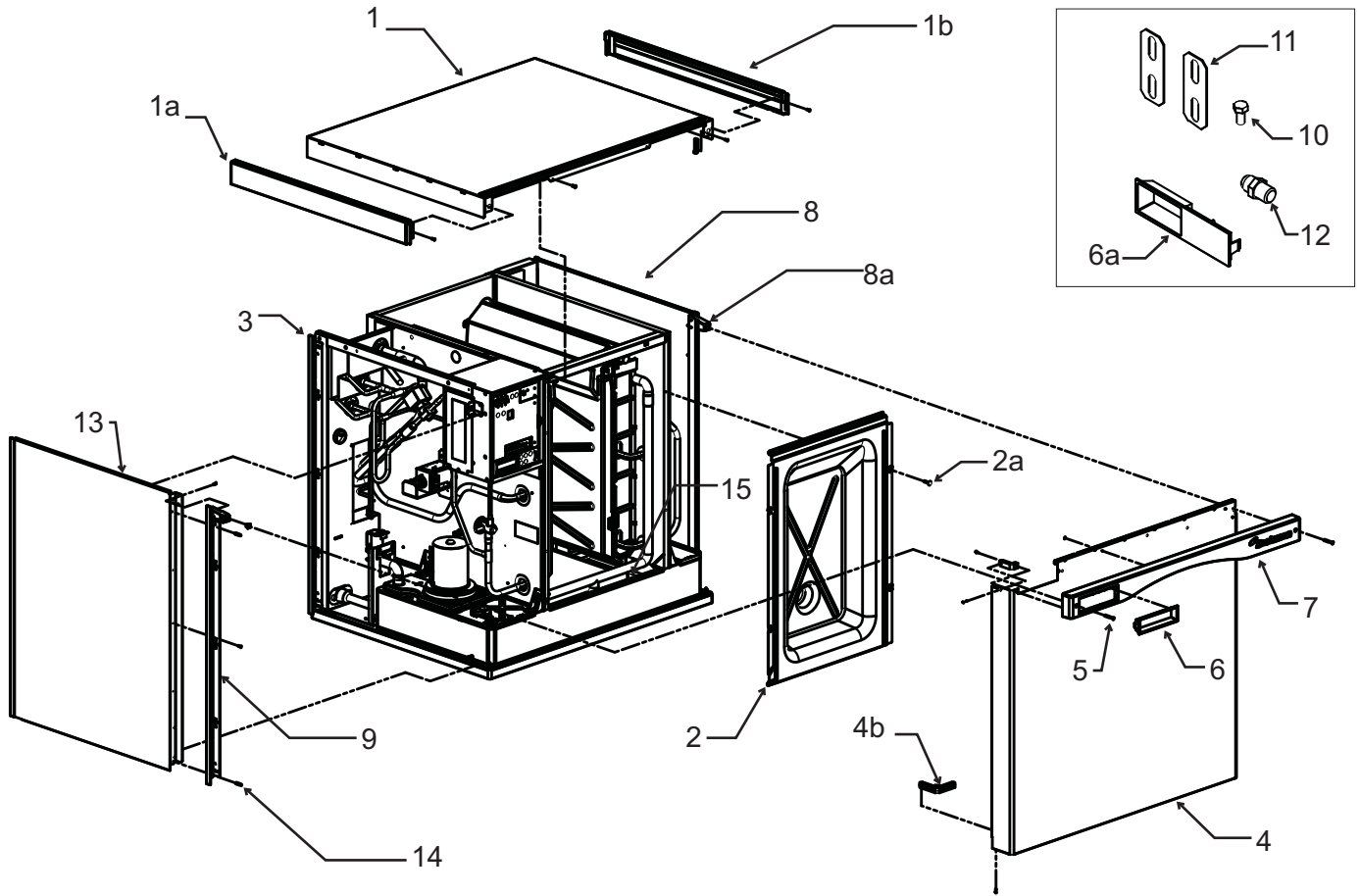
EH330 Cabinet - B Series



Item Number	Part Number	Description	Item Number	Part Number	Description
1	A39579-022	Top panel, w/trim strips	9	A39571-001	Panel clip
1a	02-4221-01	Left trim strip	10	03-1405-15	Screw
1b	02-4221-02	Right trim strip	11	A30911-015	Machine straps
2	02-4504-01	Evaporator cover	12	16-0355-00	Inlet water fitting, flare
2a	03-0727-05	Screw	13	A39580-022	Left side panel
3	03-3804-01	Screw receptacle	14	03-1404-12	Screw
4	A39578-022	Front panel assembly, includes trim strip, gussets and labels.	15	13-0943-01	Gasket tape
4a	02-4216-01	Top gusset			
5	03-1735-03	Screw, front panel			
6	02-4284-01	Bezel, full window			
6a	02-4284-02	Bezel, partial window			
7	02-4214-02	Trim strip			
8	A39581-021	Right side panel assy			
8a	02-4215-01	Receptacle			

EH330 and EH430 Service Parts

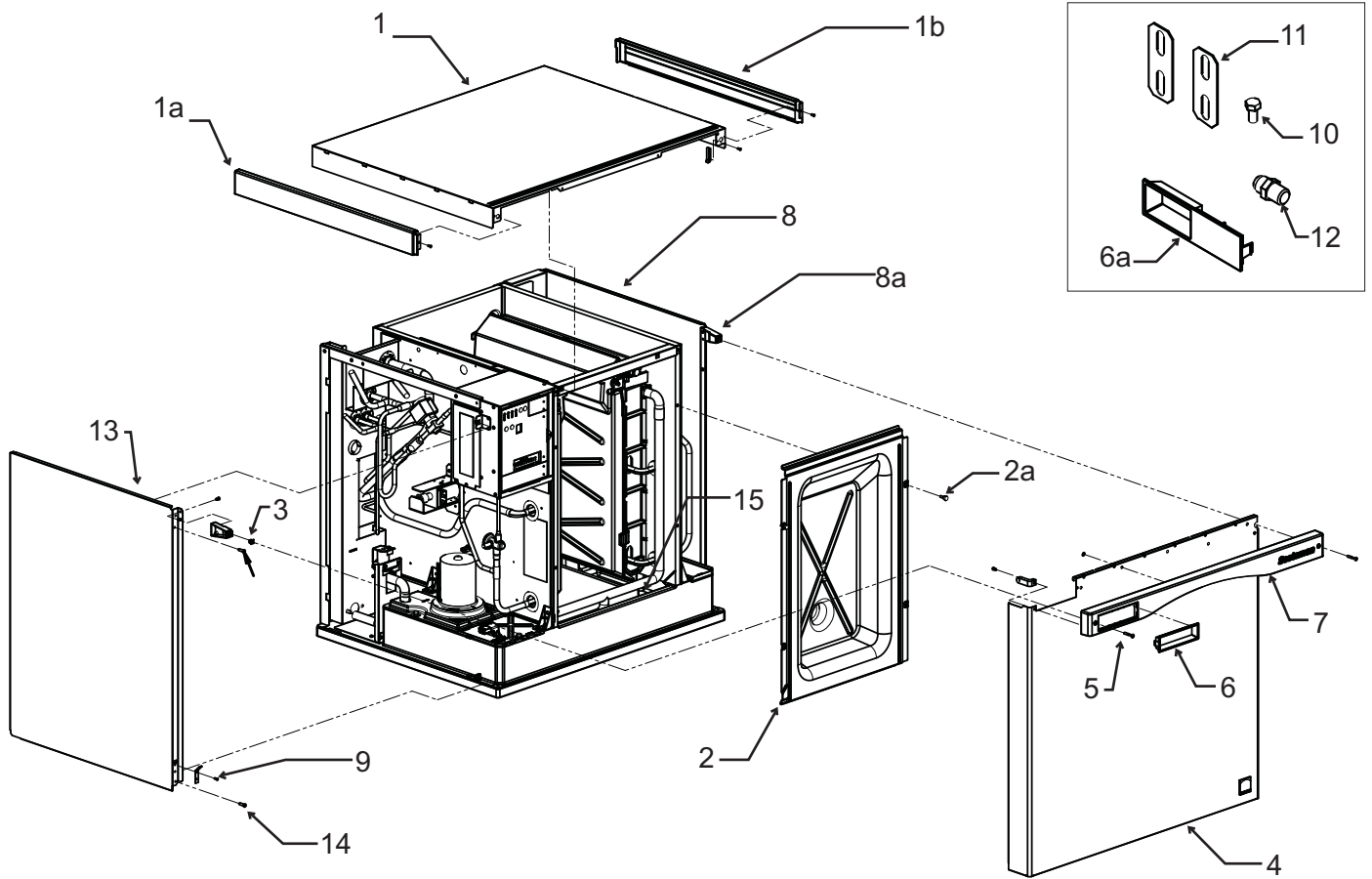
EH430 Cabinet - A Series



Item Number	Part Number	Description	Item Number	Part Number	Description
1	A38941-022	Top panel, w/trim strips	8a	02-4215-01	Receptacle
1a	02-4221-01	Left trim strip	9	02-4067-03	Side panel support
1b	02-4221-02	Right trim strip	10	03-1405-15	Screw
2	02-4184-01	Evaporator cover	11	A30911-015	Machine straps
2a	03-0727-05	Screw	12	16-0355-00	Inlet water fitting, flare
3	02-4067-03	Side panel support	13	A38551-024	Left side panel
4	A38552-023	Front panel assembly, includes trim strip, gussets and labels.	14	03-1404-12	Screw
4a	02-4216-01	Top gusset	15	13-0943-01	Gasket tape
4b	02-4217-01	Bottom gusset			
5	03-1735-03	Screw, front panel			
6	02-4284-01	Bezel, full window			
6a	02-4284-02	Bezel, partial window			
7	02-4214-02	Trim strip			
8	A38553-022	Right side panel assy			

EH330 and EH430 Service Parts

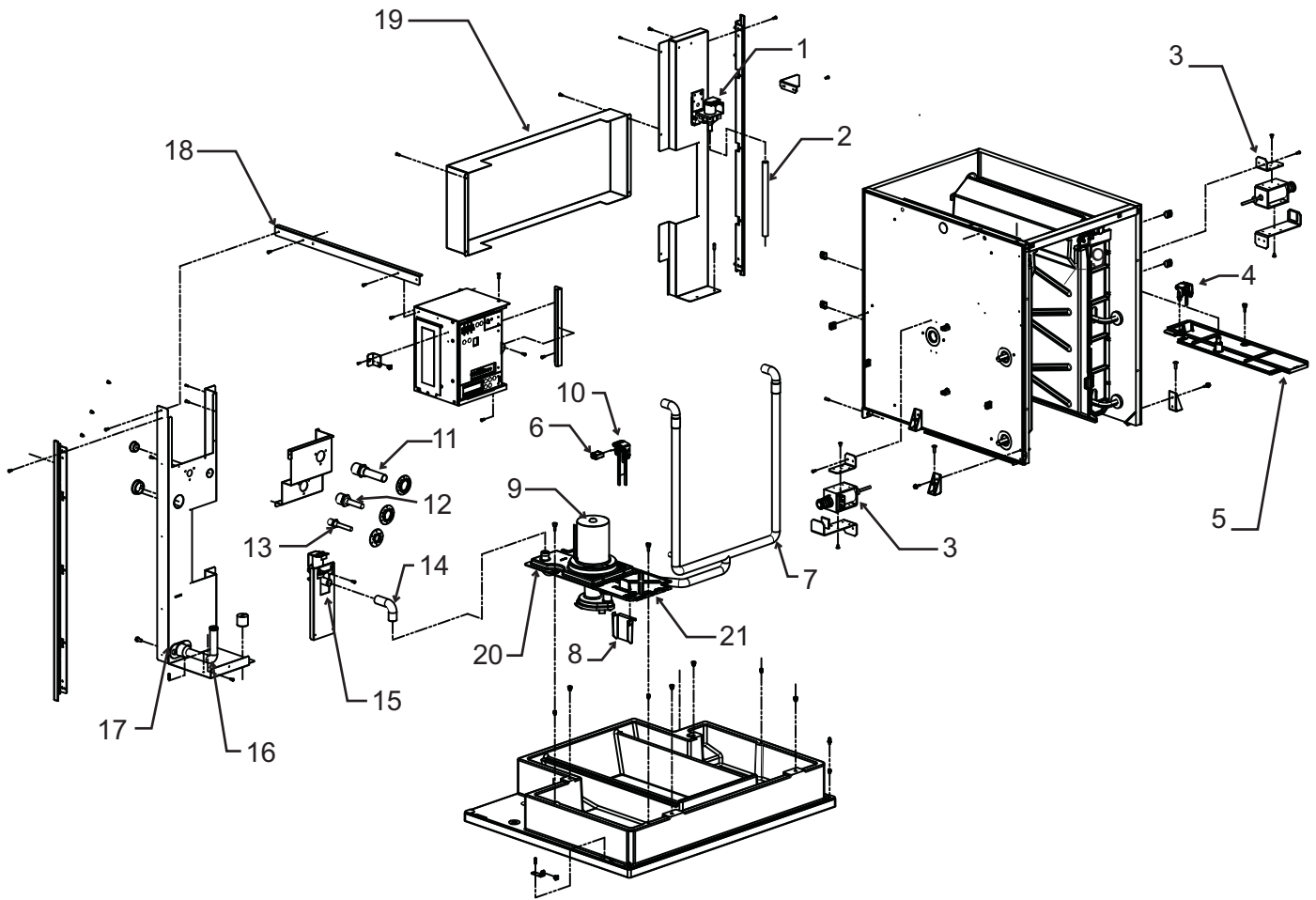
EH430 Cabinet - B Series



Item Number	Part Number	Description	Item Number	Part Number	Description
1	A39579-022	Top panel, w/trim strips	9	A39571-001	Panel clip
1a	02-4221-01	Left trim strip	10	03-1405-15	Screw
1b	02-4221-02	Right trim strip	11	A30911-015	Machine straps
2	02-4504-01	Evaporator cover	12	16-0355-00	Inlet water fitting, flare
2a	03-0727-05	Screw	13	A39580-024	Left side panel
3	03-3804-01	Screw receptacle	14	03-1404-12	Screw
4	A39578-023	Front panel assembly, includes trim strip, gussets and labels.	15	13-0943-01	Gasket tap
4a	02-4216-01	Top gusset			
5	03-1735-03	Screw, front panel			
6	02-4284-01	Bezel, full window			
6a	02-4284-02	Bezel, partial window			
7	02-4214-02	Trim strip			
8	A39581-022	Right side panel assy			
8a	02-4215-01	Receptacle			

EH330 and EH430 Service Parts

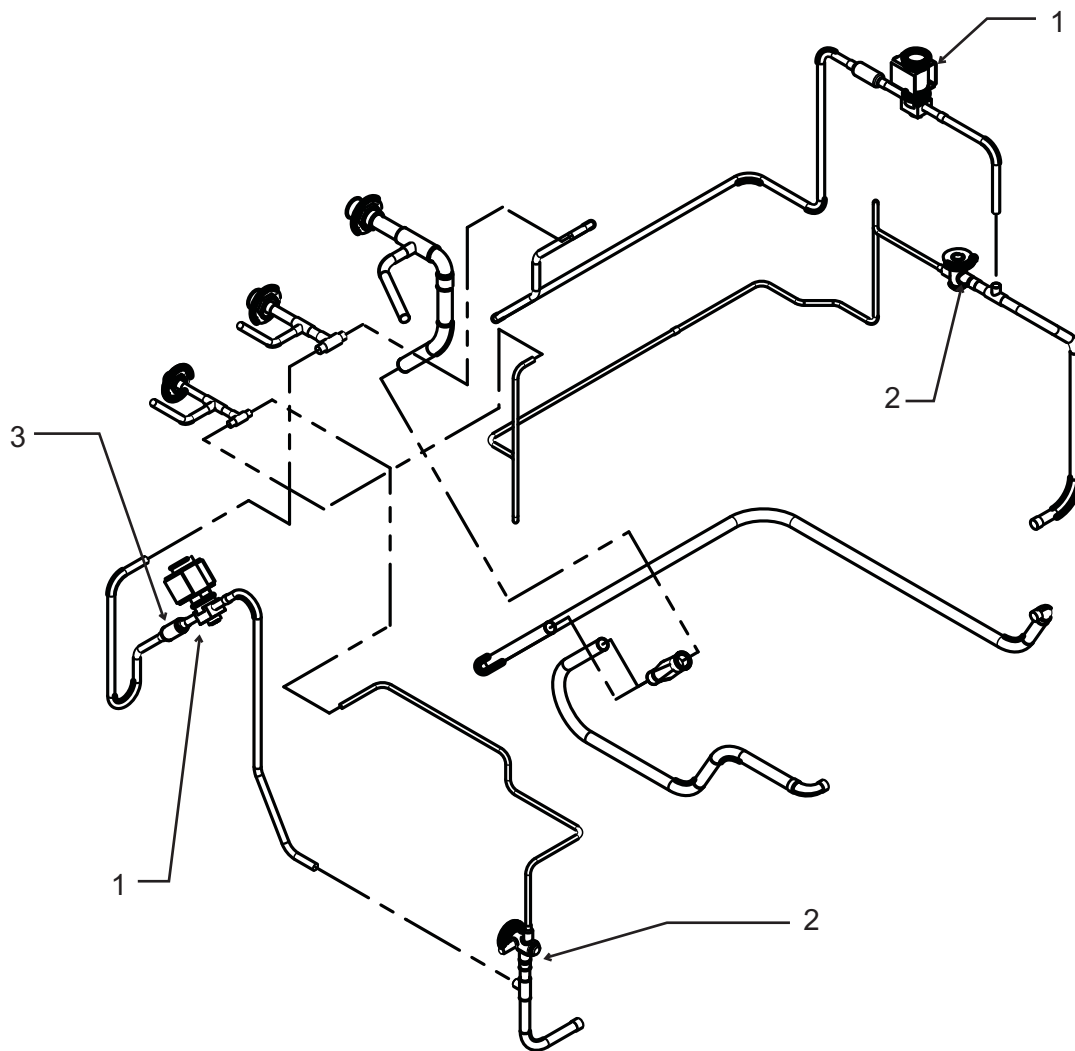
EH330 and EH430 Interior Parts



Item Number	Part Number	Description
1	12-2922-01	Inlet water sol valve
2	13-0674-02	Tubing, order 2 (ft)
3	12-3036-21	Harvest assist sol. EH430
	12-3035-21	Harvest assist sol. EH330 includes brackets
4	A39030-022	Level sensor
5	02-4175-01	Sump cover, rt
6	12-2928-02	WLS harness
7	02-4182-01	Water pump hose, EH430
	02-4505-01	Water pump hose, EH330
8	02-4332-01	WLS cover
9	12-2920-21	Water pump
10	A39030-021	Water level sensor
11	16-0850-04	Suction line fitting
	12	16-0850-01 Vapor line fitting
	13	16-0850-03 Liquid line fitting
	14	A38863-001 Tube
	15	11-0564-01 Purge valve
	16	A38863-002 Tube, out
	17	02-3692-21 Drain fitting
	18	A38804-001 Brace
	19	A38796-001 Chase
	20	02-4177-01 Pump bracket
	21	02-4178-01 Sump cover

EH330 and EH430 Service Parts

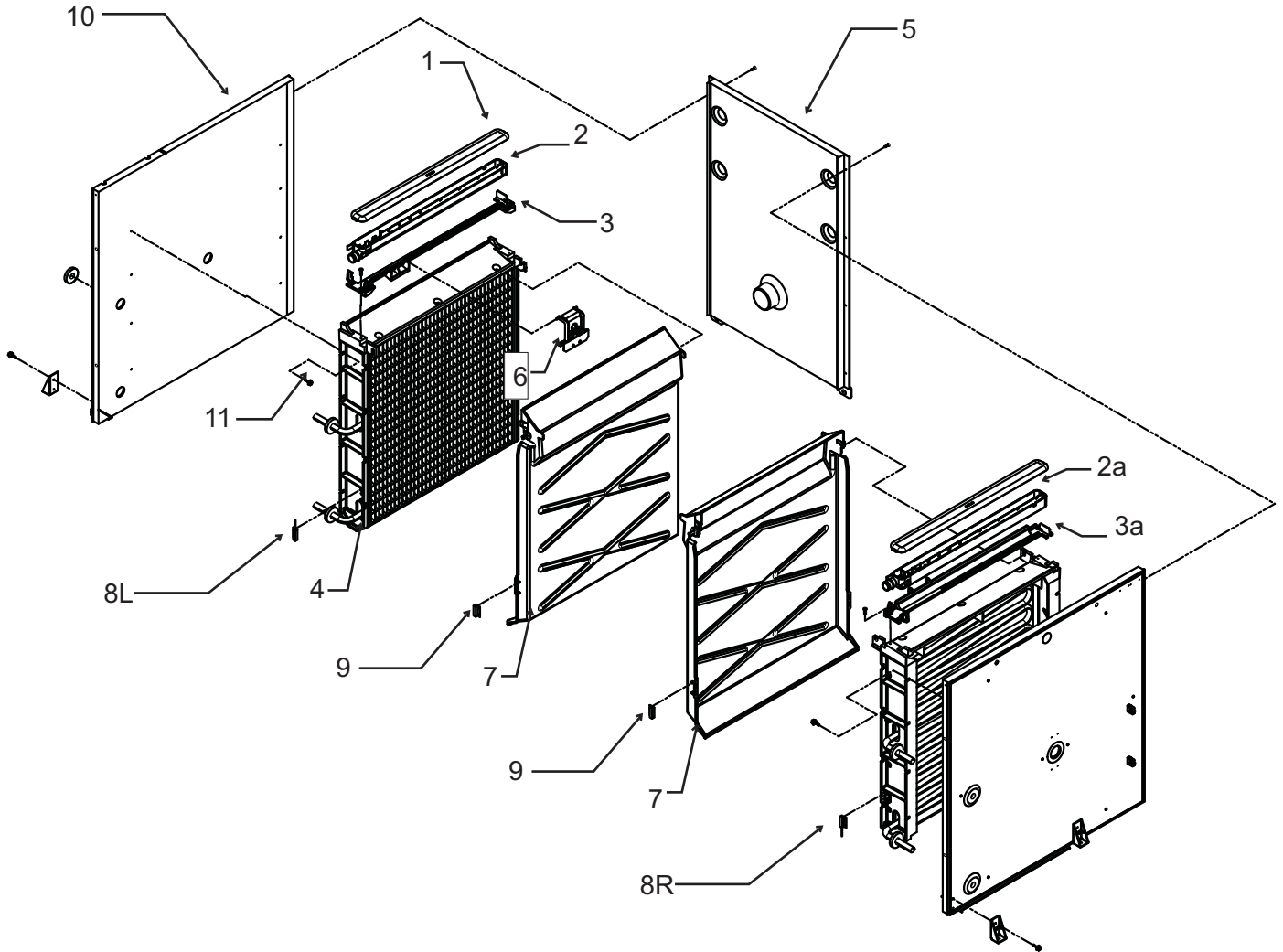
EH330 and EH430 Refrigeration System



Item Number	Part Number	Description
1	11-0493-03	Vapor valve
2	16-1130-01	TXV - EH430
	16-1142-01	TXV - EH330
	02-4045-01	Insulation for TXV
3	16-1063-01	Strainer

EH330 and EH430 Service Parts

EH330 Evaporator Compartment



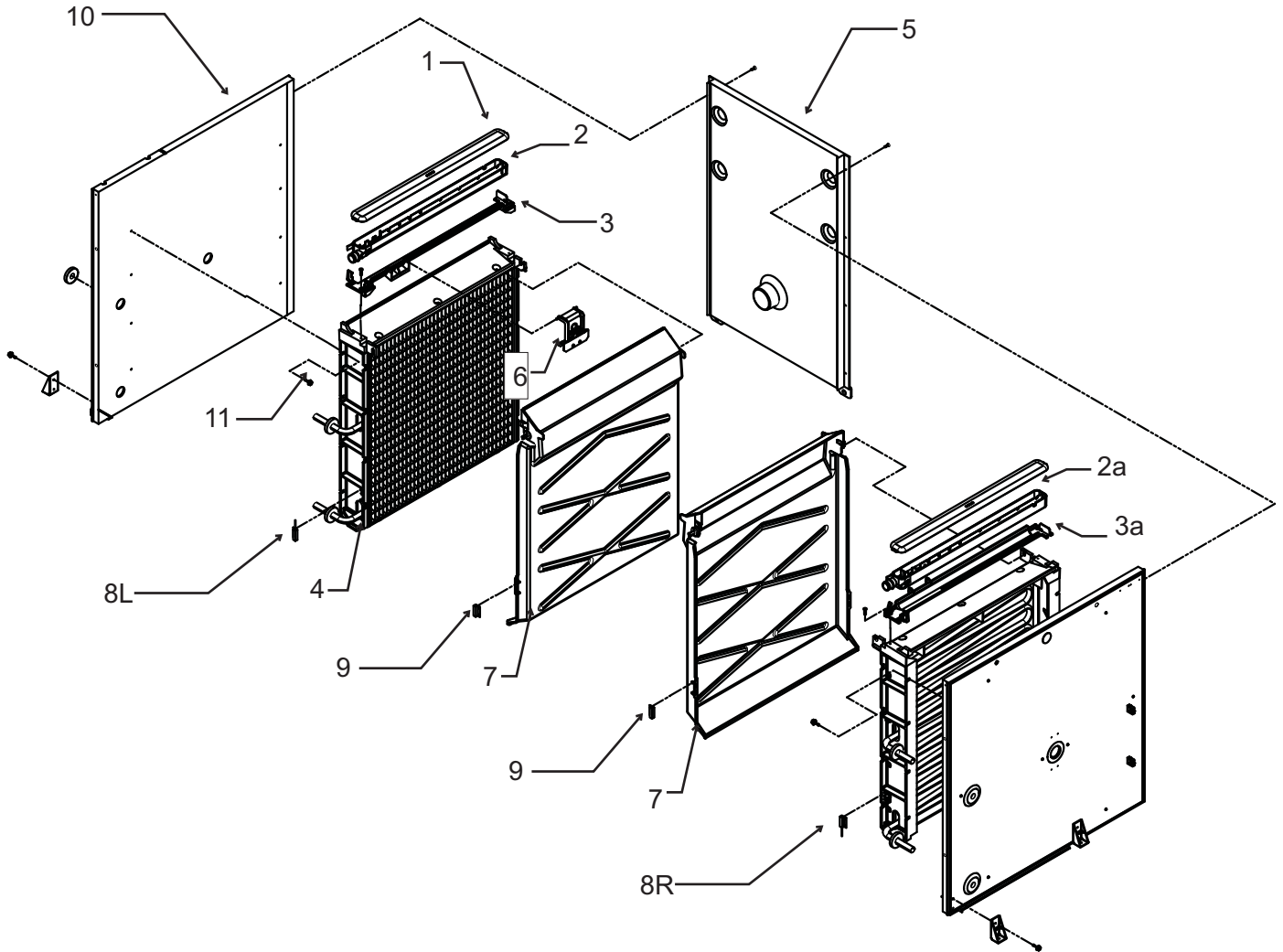
Item Number	Part Number	Description	8L	11-0563-06	Curtain switch, left
1	02-4065-01	Water distributor cover	8R	11-0563-03	Curtain switch, right
2	02-4064-01	Water distributor, left	9	11-0563-02	Curtain switch magnet
2a	02-4064-02	Water distributor, right	10	13-0943-01	Gasket tape
3	02-4205-01	Mounting bracket, left	11	03-3868-01	Screw
3a	02-4205-02	Mounting bracket, right	Note: Item 7 includes item 9, shipped loose.		
4	see table	Evaporator			

	small cube	medium cube
Right	A38627-023	A38627-024
Left	A38627-021	A38627-022

5	A39480-001	Back wall
6	A39031-021	Ice thickness sensor
7	02-4100-32	Curtain

EH330 and EH430 Service Parts

EH430 Evaporator Compartment



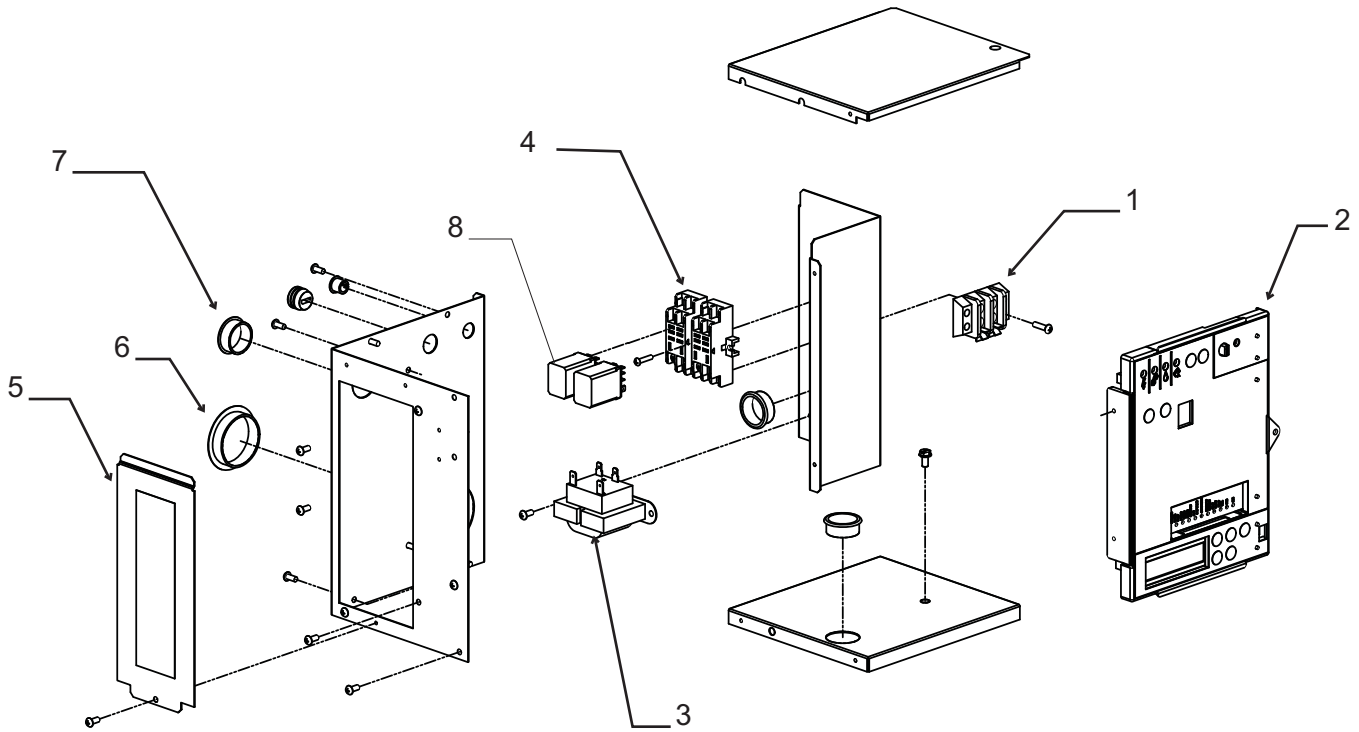
Item Number	Part Number	Description	8L	11-0563-06	Curtain switch, left
1	02-4065-01	Water distributor cover	8R	11-0563-03	Curtain switch, right
2	02-4064-01	Water distributor, left	9	11-0563-02	Curtain switch magnet
2a	02-4064-02	Water distributor, right	10	13-0943-01	Gasket tape
3	02-4205-01	Mounting bracket, left	11	03-3868-01	Screw
3a	02-4205-02	Mounting bracket, right	Note: Item 7 includes item 9, shipped loose.		
4	see table	Evaporator			

	small cube	medium cube
Right	A38628-023	A38628-024
Left	A38628-021	A38628-022

5	A38677-001	Back wall
6	A39031-021	Ice thickness sensor
7	02-4100-33	Curtain

EH330 and EH430 Service Parts

EH330 or EH430 Electrical



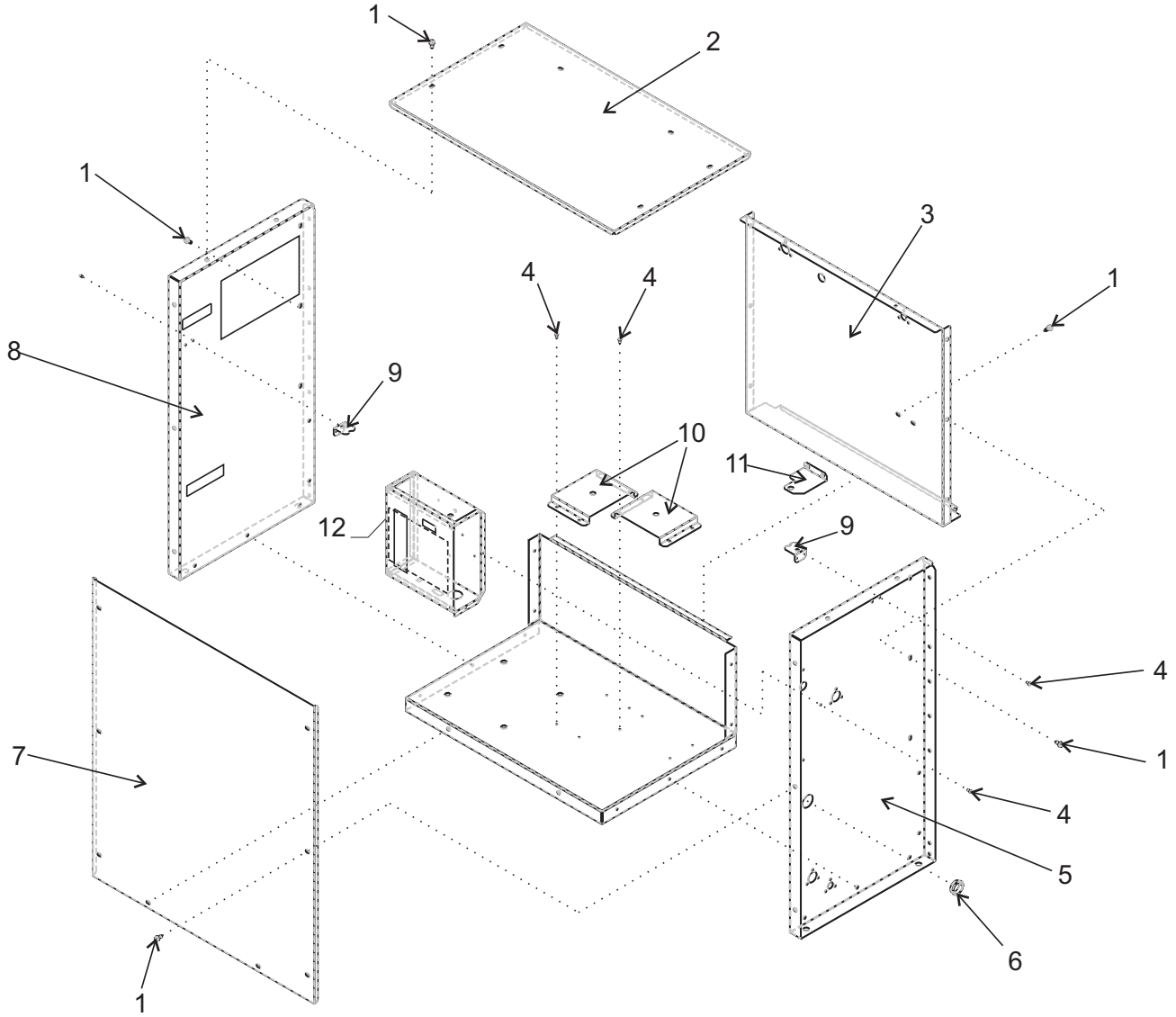
Item Number	Part Number	Description
1	12-2780-01	Terminal strip
2	11-0550-27	Controller
3	12-2924-01	Transformer
4	12-2949-02	Relay base
5	A39287-001	Cover
6	12-1213-15	Snap bushing
7	12-1213-11	Snap bushing
8	12-2949-01	Relay

Not Illustrated:

9	12-2954-01	Low voltage harness - to interconnecting wire
10	12-2943-01	High voltage harness (has large plug)
11	12-2940-01	Control power harness

EH330 and EH430 Service Parts

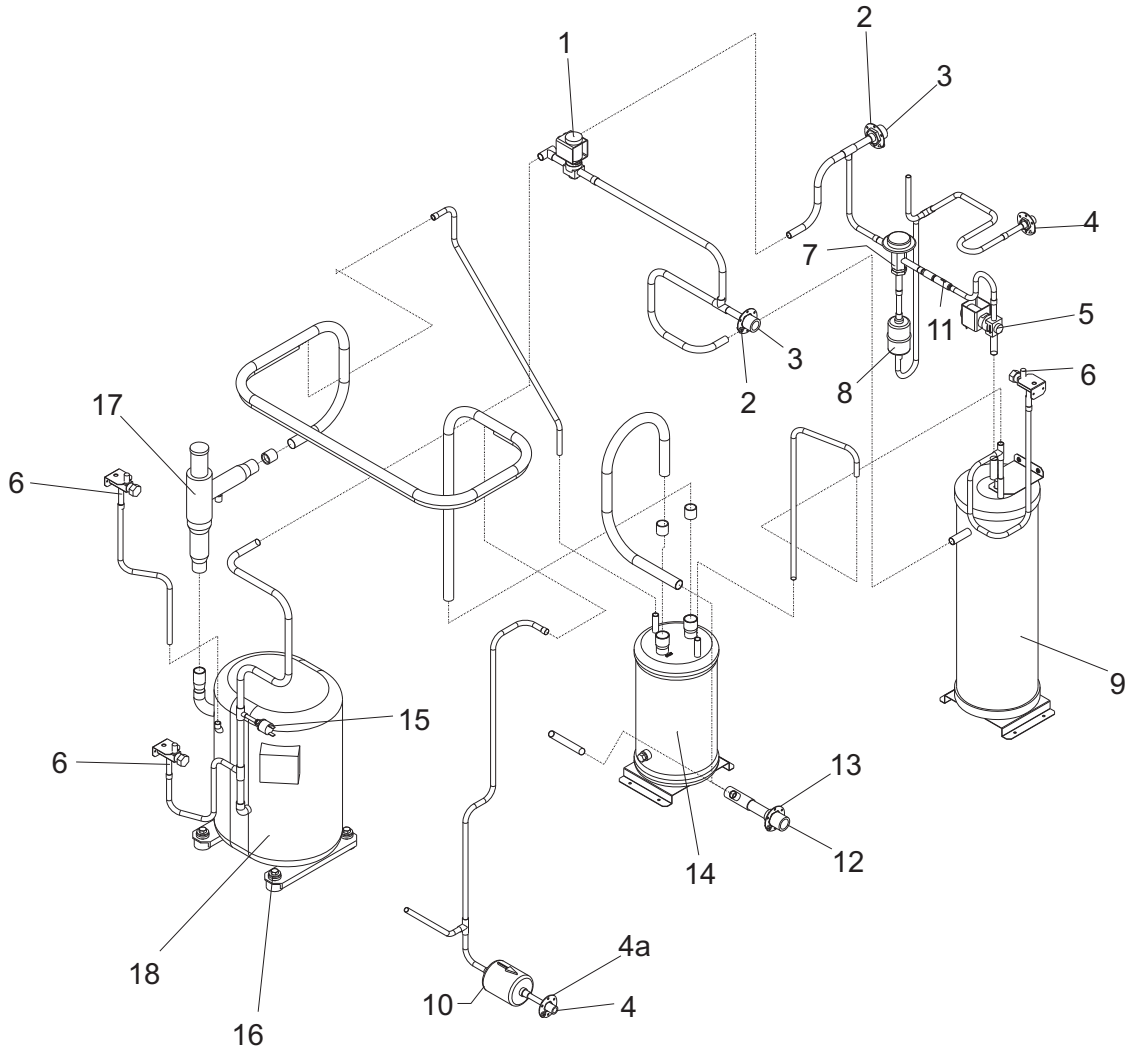
CP Cabinet



Item Number	Part Number	Description	Item Number	Part Number	Description
1	03-1645-01	Screw	10	A37948-001	Rec btm bracket - all or accumulator bracket - C1200CP or C1410CP
2	A37853-001	Top cover		A39319-001	Accumulator bracket, C1800CP or C2000CP
3	A37845-001	Back panel	11	A37949-001	Receiver top bracket
4	03-1531-01	Screw	12	A38430-001	Control box cover
5	A37829-001	Right side panel			
6	12-1213-20	Snap bushing			
7	A37896-001	Front cover			
8	A37829-002	Left side panel			
9	A37962-001	Service valve bracket			

EH330 and EH430 Service Parts

C1200CP Refrigeration System

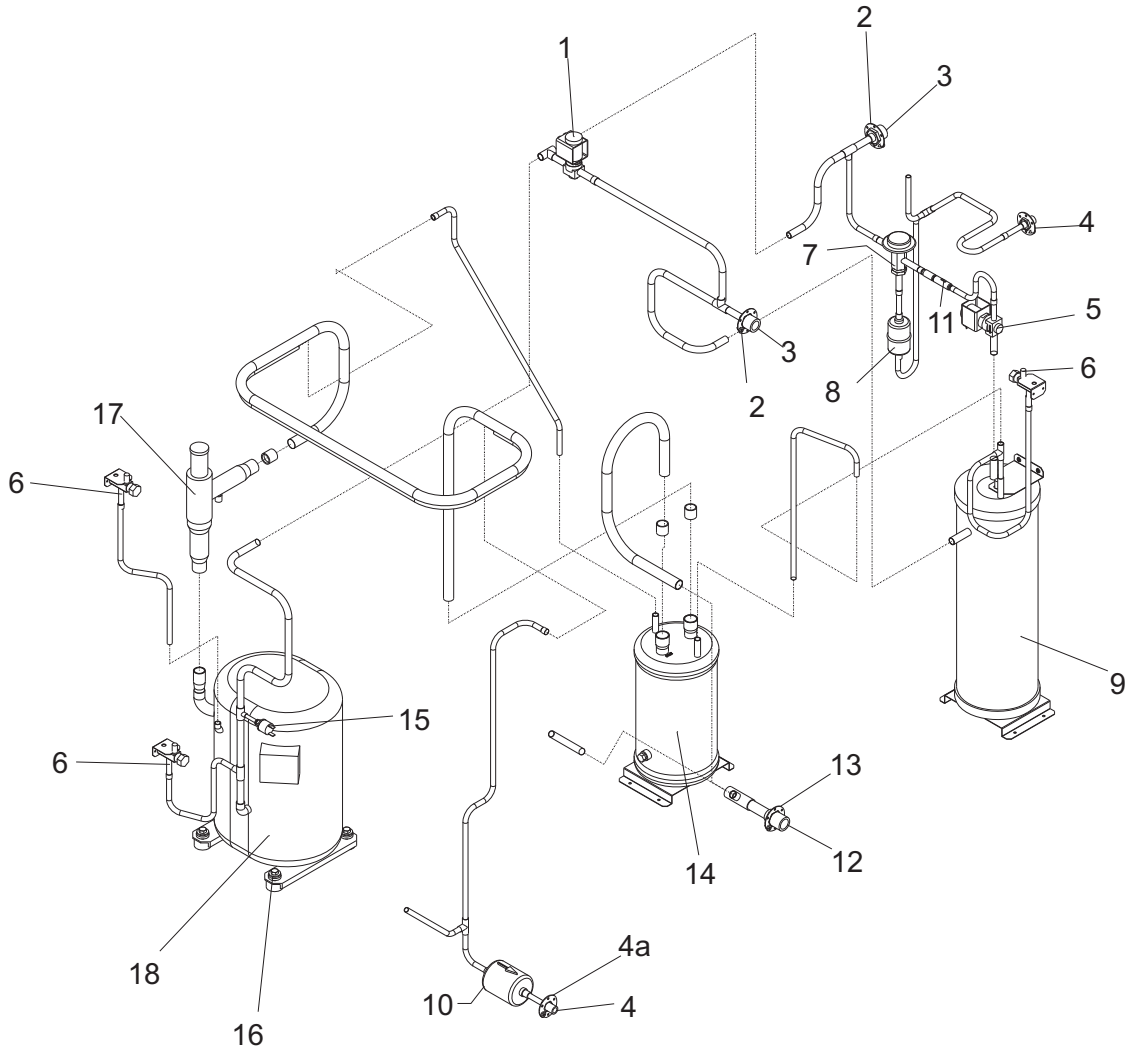


Item Number	Part Number	Description
1	11-0507-03	By pass valve
2	16-0701-14	Mounting flange
3	16-0850-01	Discharge quick connect
4	16-0850-03	Liquid quick connect
4a	16-0701-07	Mounting flange
5	11-0546-01	Liquid inlet valve
6	16-0832-20	Access valve
7	11-0422-22	Headmaster
8	02-3231-02	Filter
9	16-1085-01	Receiver
10	02-3319-02	Filter drier
11	16-1029-01	Check valve
12	16-0850-04	Suction quick connect
13	16-0701-18	Mounting flange
14	16-0801-22	Accumulator
15	11-0501-22	Hi pressure cut out
16	18-2300-27	Mounting grommet
	18-2300-26	Sleeve
	03-1406-07	Washer
	03-1404-15	Cap screw
17	16-1096-22	CPR valve
18	Compressors	
	C1200CP-32	single phase 18-8750-22
	C1200CP-2	three phase 18-8750-24

All compressors are 208-230 volt, 60 Hz.
 Single phase compressors include starting components. All include a drier and crankcase heaters.

EH330 and EH430 Service Parts

C1410CP Refrigeration Systems

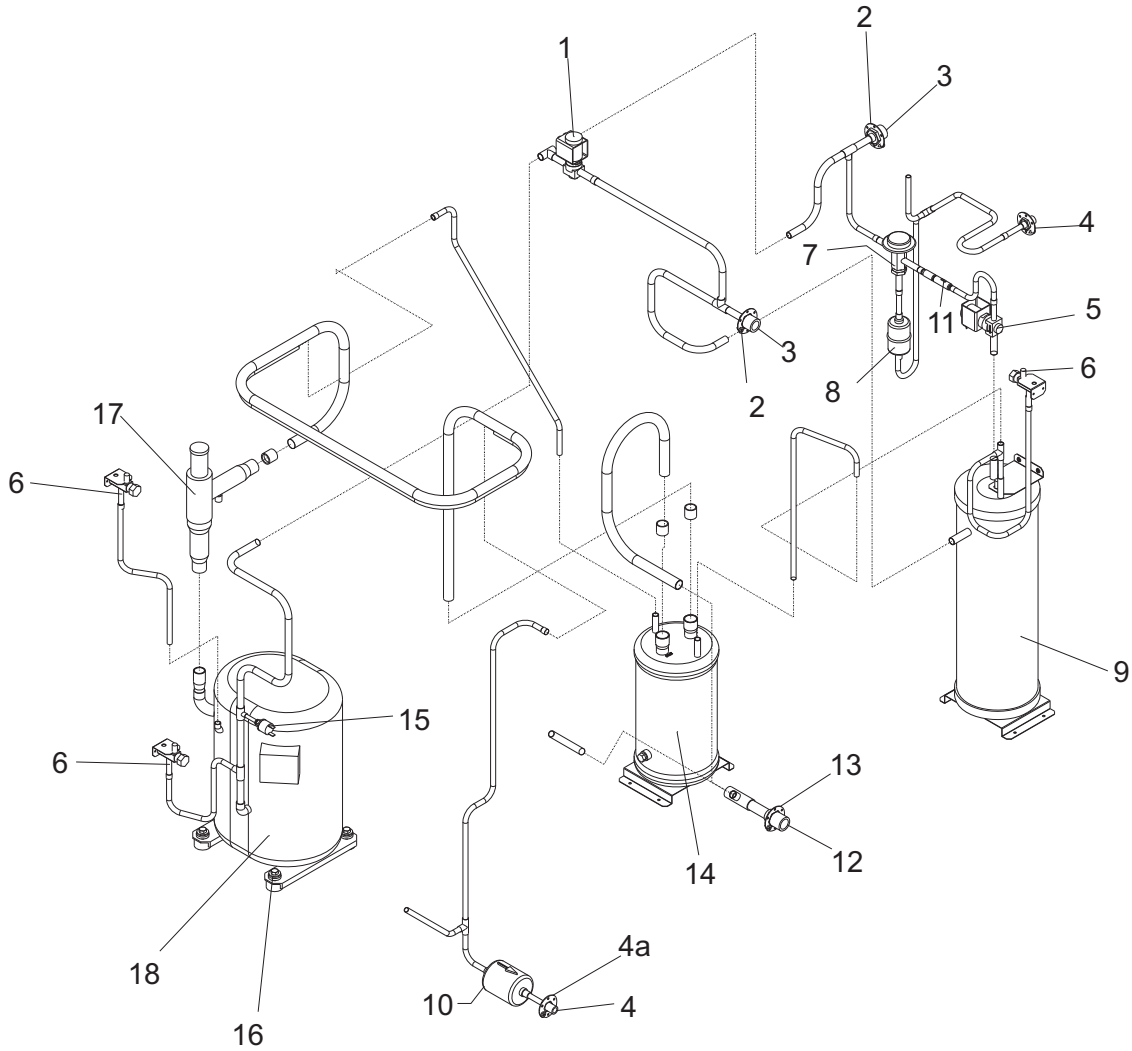


Item Number	Part Number	Description
1	11-0507-03	By pass valve
2	16-0701-14	Mounting flange
3	16-0850-01	Discharge quick connect
4	16-0850-03	Liquid quick connect
4a	16-0701-07	Mounting flange
5	11-0546-01	Liquid inlet valve
6	16-0832-20	Access valve
7	11-0422-22	Headmaster
8	02-3231-02	Filter
9	16-1085-01	Receiver
10	02-3319-02	Filter drier
11	16-1029-01	Check valve
12	16-0850-04	Suction quick connect
13	16-0701-18	Mounting flange
14	16-0801-22	Accumulator
15	11-0501-22	Hi pressure cut out
16	18-2300-27	Mounting grommet
	18-2300-26	Sleeve
	03-1406-07	Washer
	03-1404-15	Cap screw
17	16-1096-22	CPR valve
18	Compressors	
	C1410CP-32	single phase 18-8749-22
	C1410CP-2	three phase 18-8749-24

All compressors are 208-230 volt, 60 Hz.
 Single phase compressors include starting components. All include a drier and crankcase heaters.

EH330 and EH430 Service Parts

C1800CP Refrigeration System

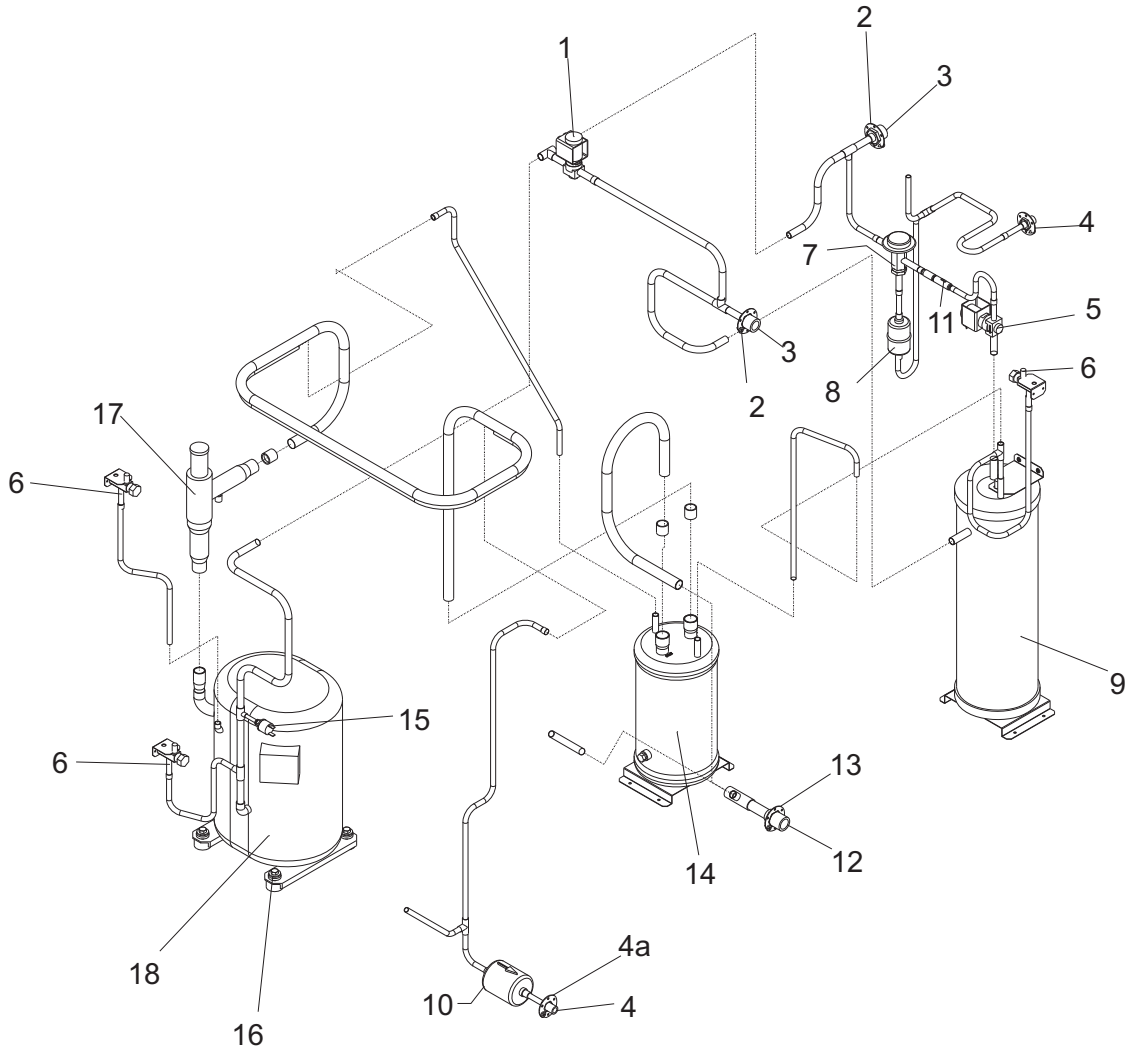


Item Number	Part Number	Description
1	11-0507-03	By pass valve
2	16-0701-14	Mounting flange
3	16-0850-01	Discharge quick connect
4	16-0850-03	Liquid quick connect
4a	16-0701-07	Mounting flange
5	11-0546-01	Liquid inlet valve
6	16-0832-20	Access valve
7	11-0422-22	Headmaster
8	02-3231-02	Filter
9	16-1085-01	Receiver
10	02-3319-02	Filter drier
11	16-1029-01	Check valve
12	16-0850-04	Suction quick connect
13	16-0701-18	Mounting flange
14	16-1122-21	Accumulator
15	11-0501-22	Hi pressure cut out
16	18-2300-27	Mounting grommet
	18-2300-26	Sleeve
	03-1406-07	Washer
	03-1404-15	Cap screw
17	16-1096-22	CPR valve
18	Compressors	
	C1800CP-32	single phase 18-8930-24
	C1800CP-2	three phase 18-8930-25

All compressors are 208-230 volt, 60 Hz.
Single phase compressors include starting components. All include a drier and crankcase heaters.

EH330 and EH430 Service Parts

C2000CP Refrigeration System

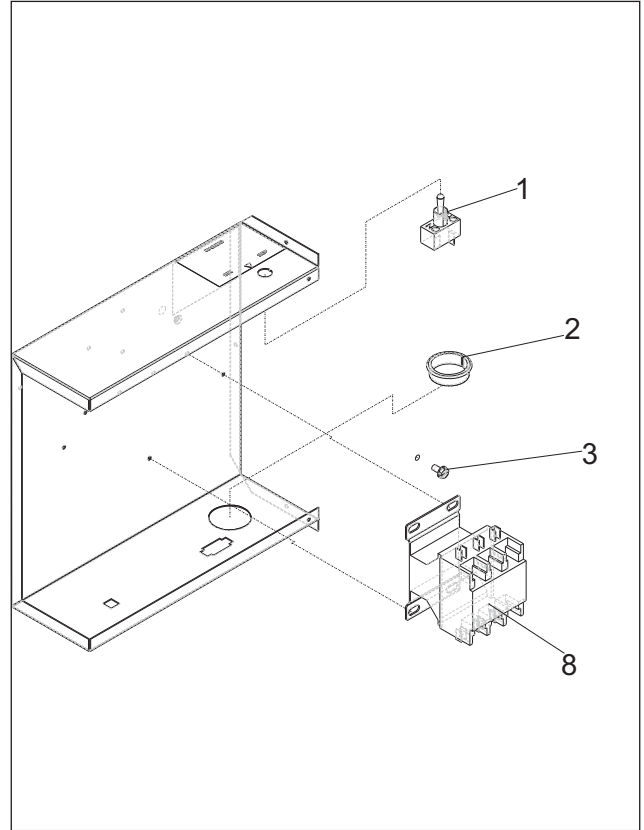
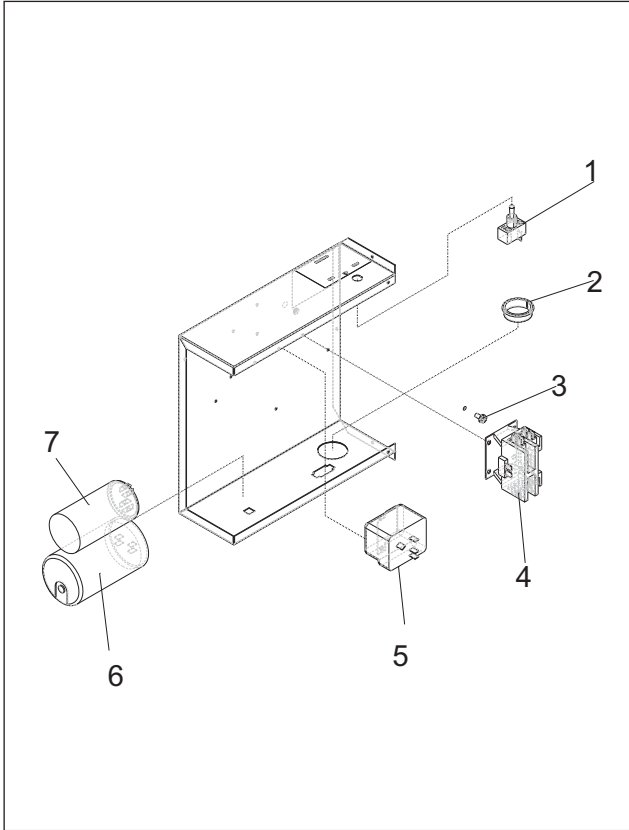


Item Number	Part Number	Description
1	11-0507-03	By pass valve
2	16-0701-14	Mounting flange
3	16-0850-01	Discharge quick connect
4	16-0850-03	Liquid quick connect
4a	16-0701-07	Mounting flange
5	11-0546-01	Liquid inlet valve
6	16-0832-20	Access valve
7	11-0422-22	Headmaster
8	02-3231-02	Filter
9	16-1085-01	Receiver
10	02-3319-02	Filter drier
11	16-1029-01	Check valve
12	16-0850-04	Suction quick connect
13	16-0701-18	Mounting flange
14	16-1122-21	Accumulator
15	11-0501-22	Hi pressure cut out
16	18-2300-27	Mounting grommet
	18-2300-26	Sleeve
	03-1406-07	Washer
	03-1404-15	Cap screw
17	16-1096-22	CPR valve
18	Compressors	
	C2000CP-32	single phase 18-8923-22
	C2000CP-2	three phase 18-8923-23

All compressors are 208-230 volt, 60 Hz.
 Single phase compressors include starting components. All include a drier and crankcase heaters.

EH330 and EH430 Service Parts

CP Control Box



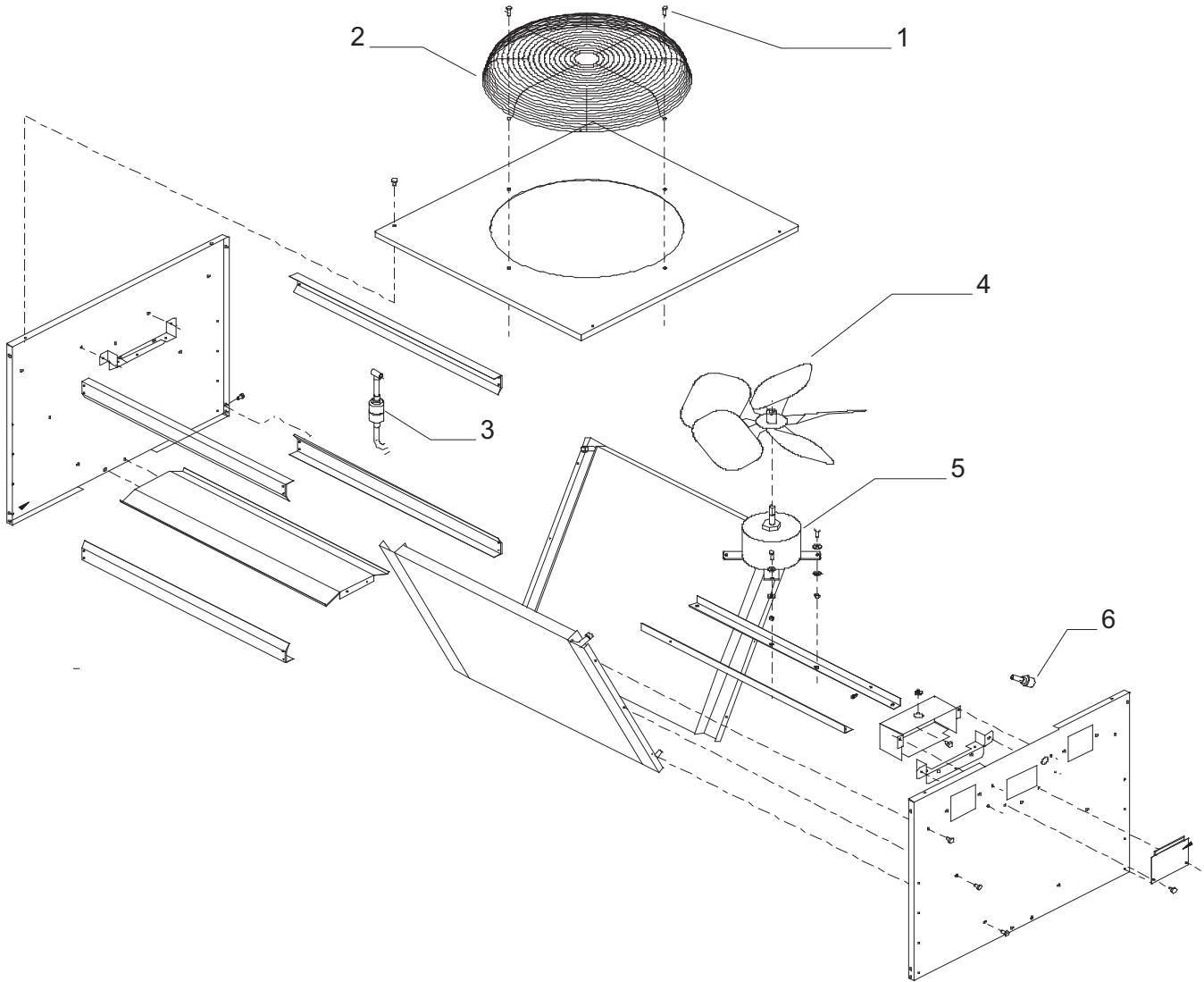
Item Number	Part Number	Description
1	12-0426-01	Toggle switch
2	12-1213-20	Snap bushing
3	03-1531-01	Mounting screw
4	12-2469-01	Single phase contactor

		C1200CP-32	C1410CP-32	C1800CP-32	C2000CP-32
5	Potential Relay	18-1903-46	18-1903-46	18-1903-62	18-1903-62
6	Start Capacitor	18-1901-48	18-1901-48	18-1901-27	18-1901-27
7	Run Capacitor	18-1902-55	18-1902-55	18-1902-27	18-1902-27

8	12-2533-01	Three phase Contactor
Not Shown:		
9	12-2836-02	Transformer, 230 to 24

EH330 and EH430 Service Parts

Remote Condensers



Model ERC1086

Item Number	Part Number	Description
1	03-1405-08	Screw
2	02-3575-01	Fan guard
3	02-3231-03	Filter
4	18-8816-01	Fan blade
5	12-2651-01	Fan motor
6	16-1057-04	Quick connect, disch
	16-1057-03	Quick connect, liquid

Not Shown:

A37169-001	Leg
A37170-001	Leg brace
03-1645-01	Screw for legs

ERC2086

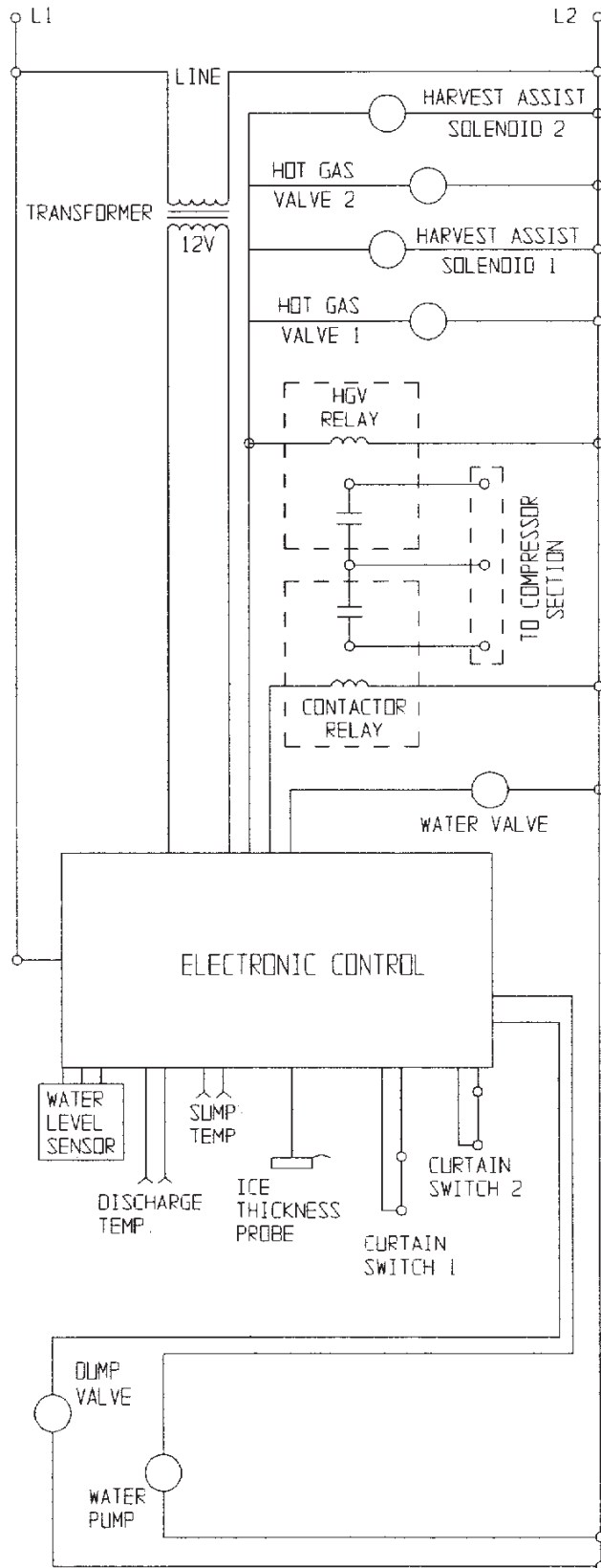
Item Number	Part Number	Description
1	03-1405-08	Screw
2	02-3770-01	Fan guard
3	02-3231-03	Filter
4	18-8820-01	Fan blade
5	12-2717-01	Fan motor
6	16-1057-04	Quick connect, disch
	16-1057-03	Quick connect, liquid

Not Shown:

A37169-001	Leg
A37296-001	Leg brace
03-1645-01	Screw for legs

EH330 and EH430 Wiring Diagrams

EH330 or EH430 Schematic Diagram

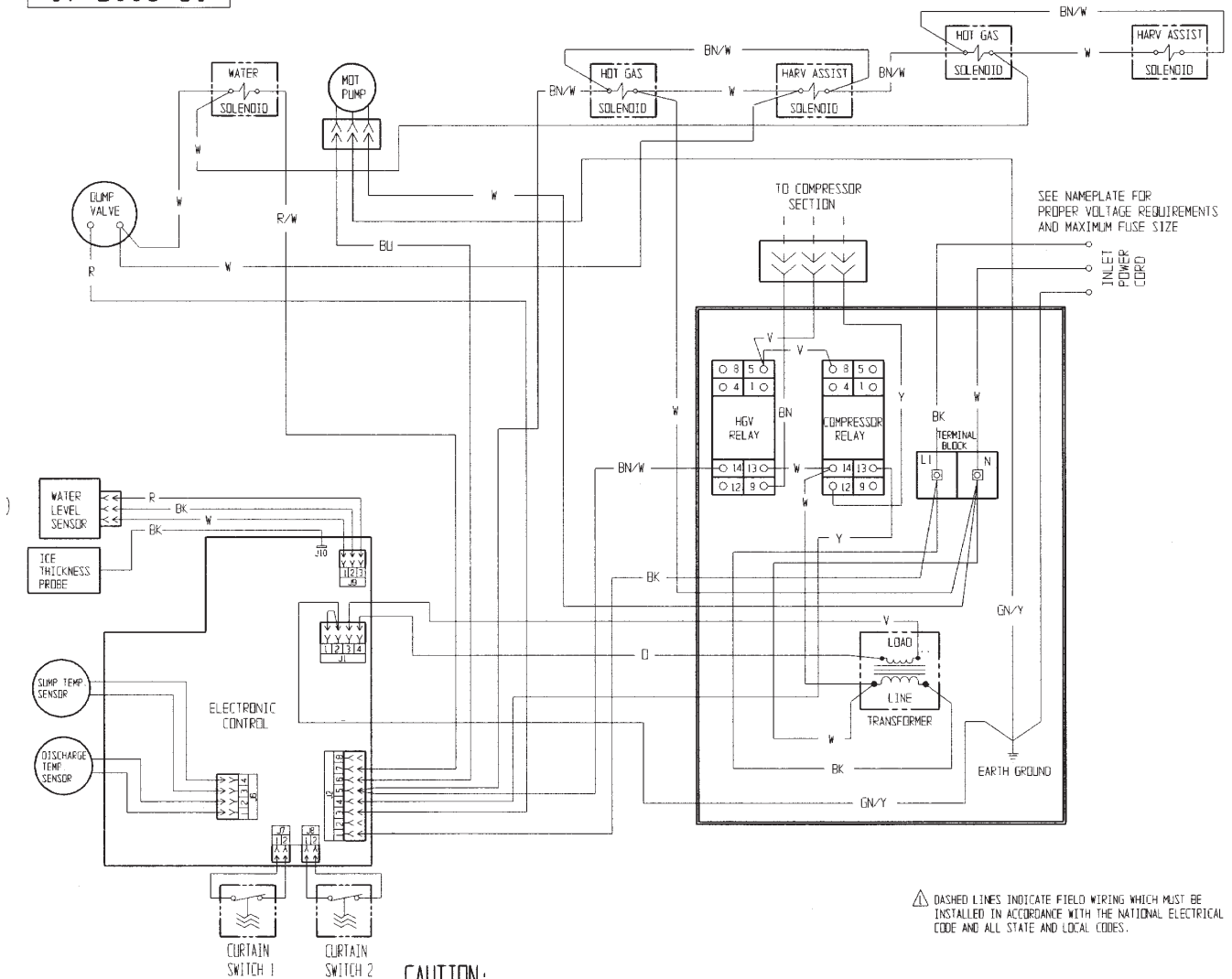


EH330 and EH430 Wiring Diagrams

EH330 or EH430 Wiring Diagram

17-3110-01

USE COPPER CONDUCTORS ONLY

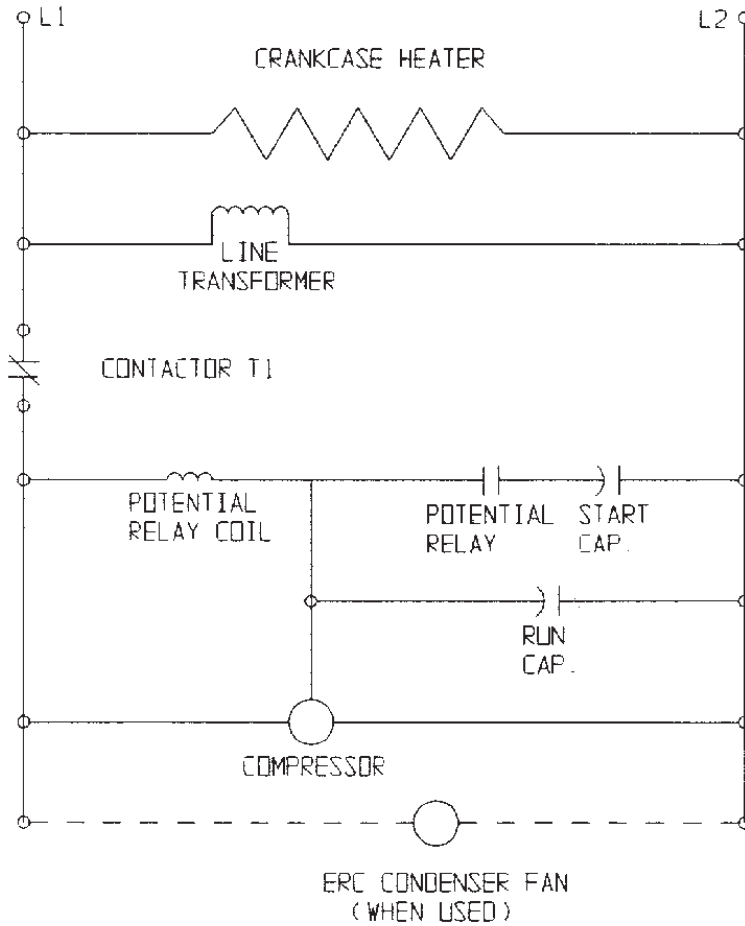
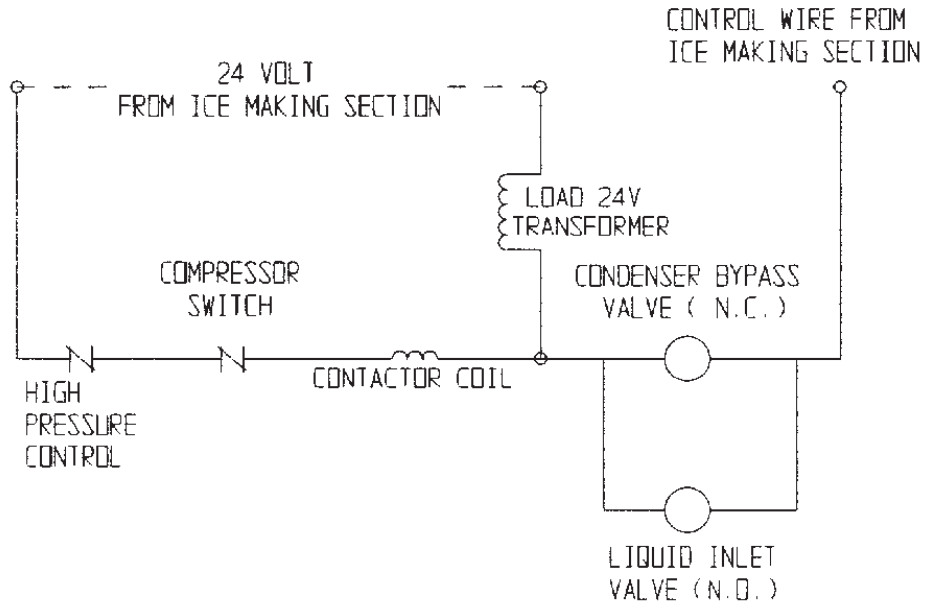


THIS UNIT MUST BE GROUND.

CAUTION: MORE THAN ONE DISCONNECT MEANS MAY BE REQUIRED TO DISCONNECT ALL POWER TO THIS UNIT.

EH330 and EH430 Wiring Diagrams

CP Single Phase Schematic Diagram

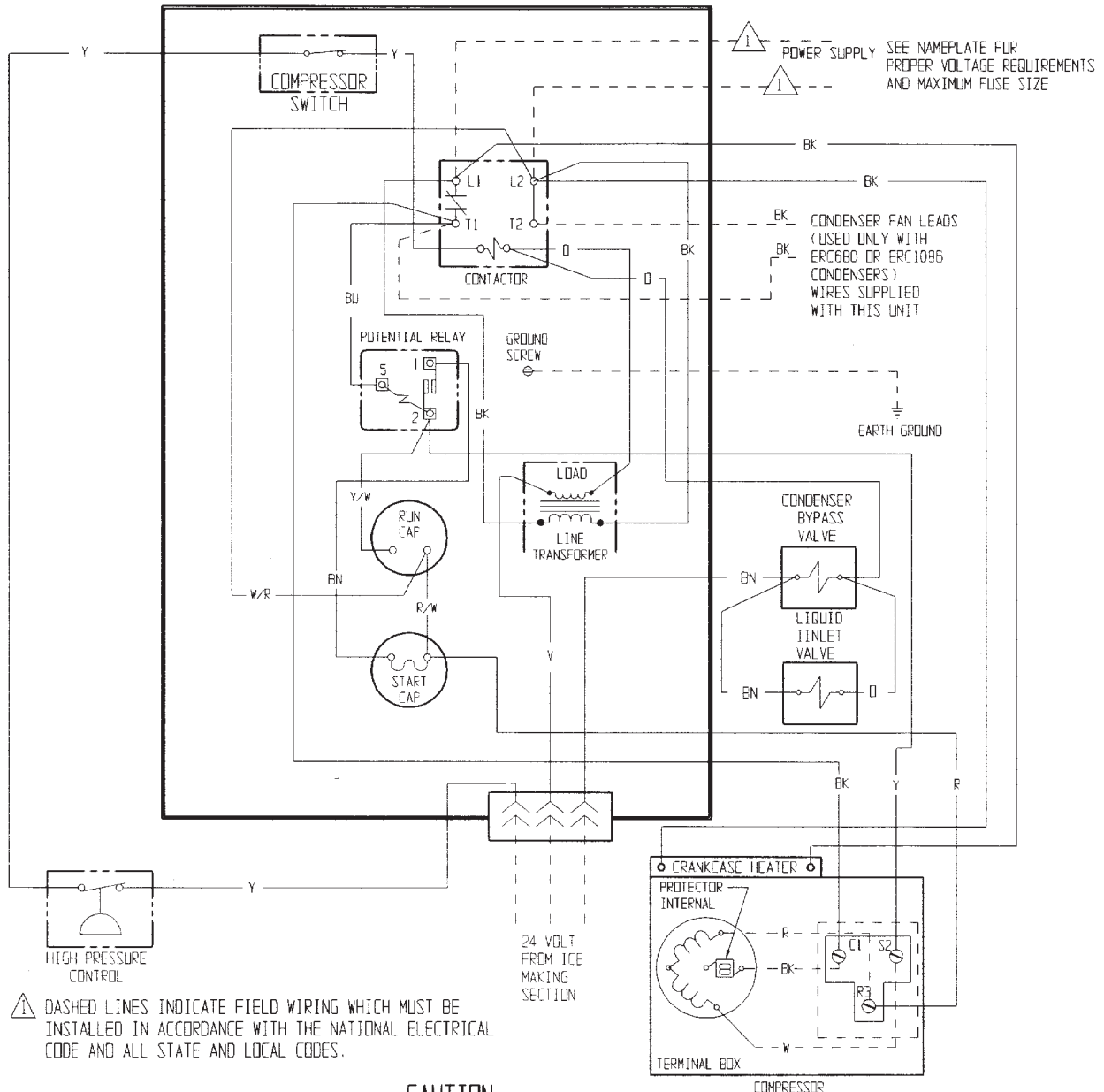


EH330 and EH430 Wiring Diagrams

CP Single Phase Wiring Diagram

17-3130-01

USE COPPER CONDUCTORS ONLY



⚠ DASHED LINES INDICATE FIELD WIRING WHICH MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL STATE AND LOCAL CODES.

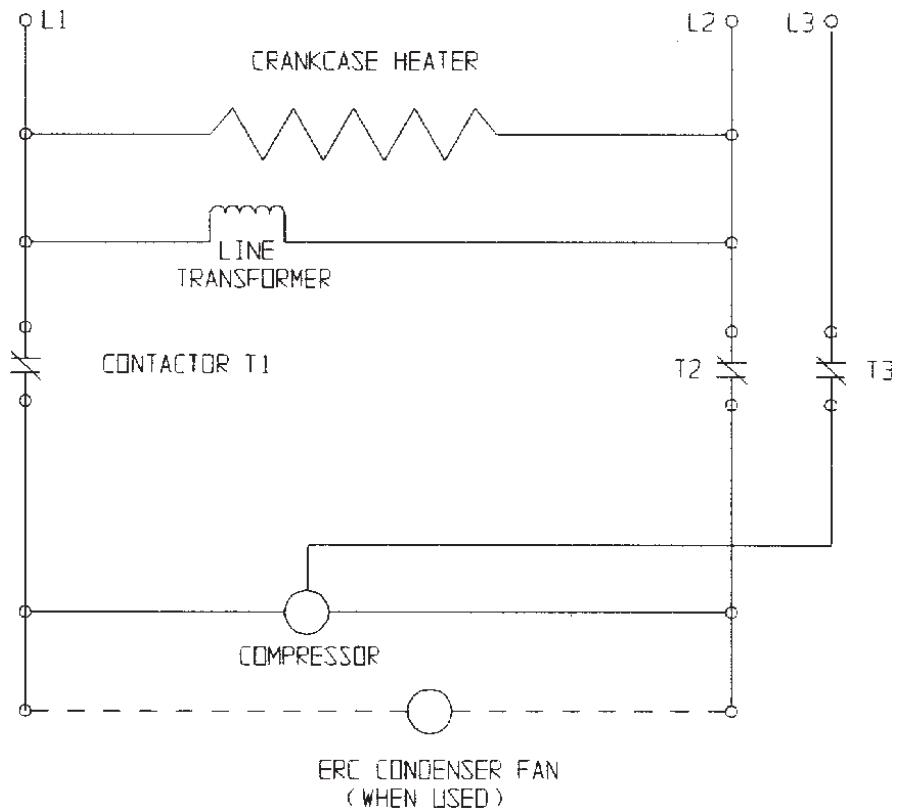
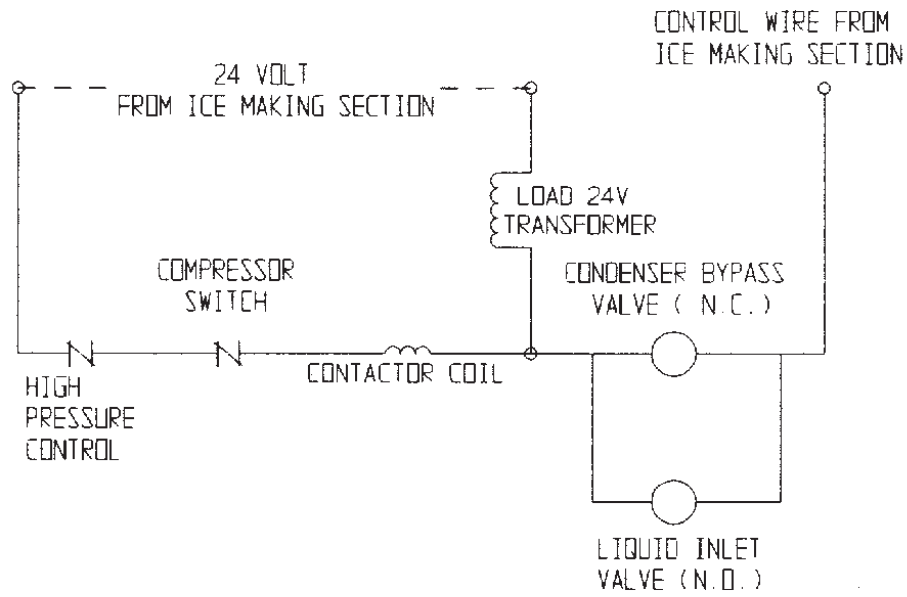
CAUTION:

MORE THAN ONE DISCONNECT MEANS MAY BE REQUIRED TO DISCONNECT ALL POWER TO THIS UNIT.

THIS UNIT MUST BE GROUNDED.

EH330 and EH430 Wiring Diagrams

CP Three Phase Wiring Diagram

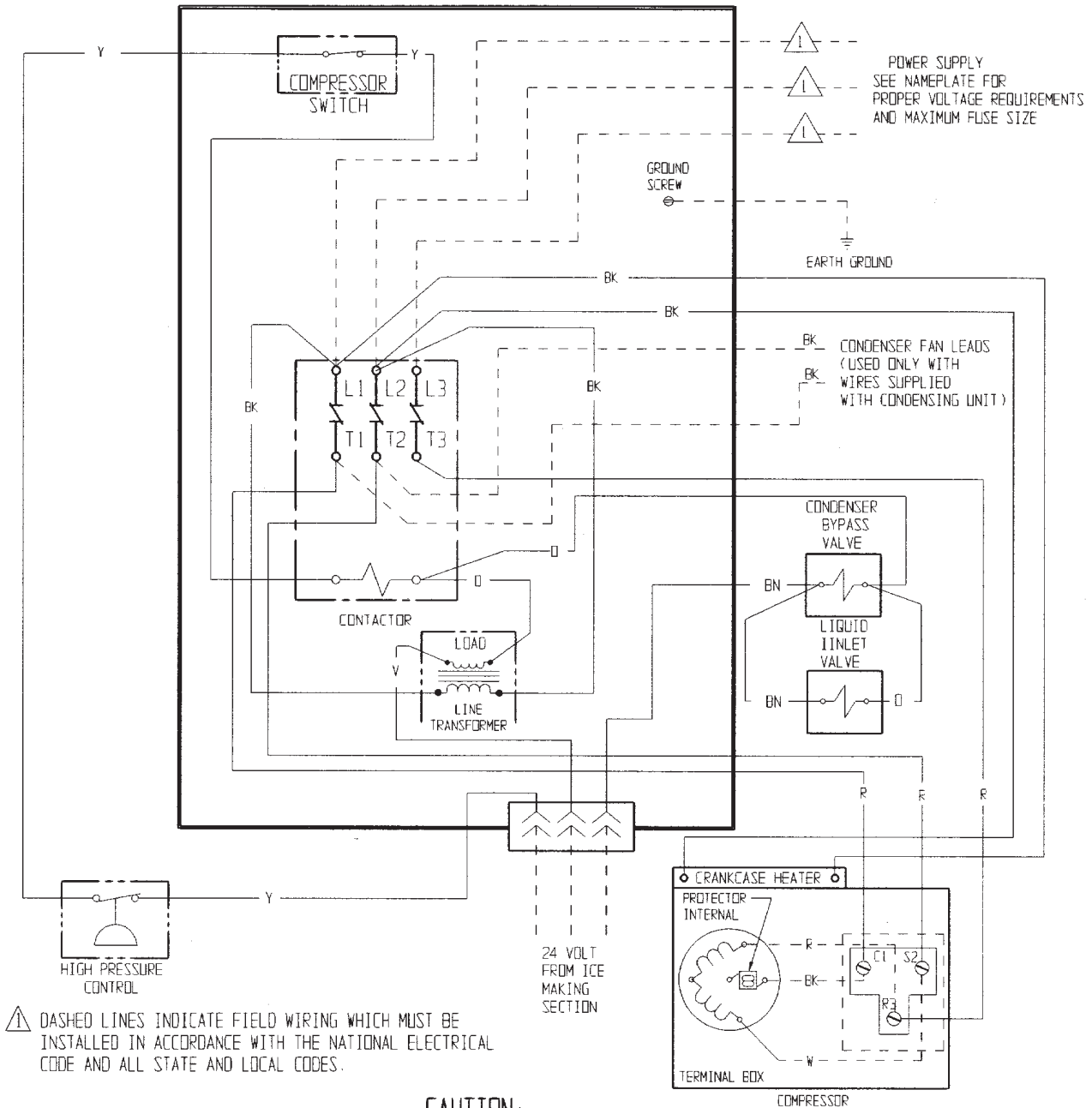


EH330 and EH430 Wiring Diagrams

CP Three Phase Schematic Diagram

17-3131-01

USE COPPER CONDUCTORS ONLY



⚠ DASHED LINES INDICATE FIELD WIRING WHICH MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL STATE AND LOCAL CODES.

CAUTION:

MORE THAN ONE DISCONNECT MEANS MAY BE REQUIRED TO DISCONNECT ALL POWER TO THIS UNIT.

THIS UNIT MUST BE GROUNDED.