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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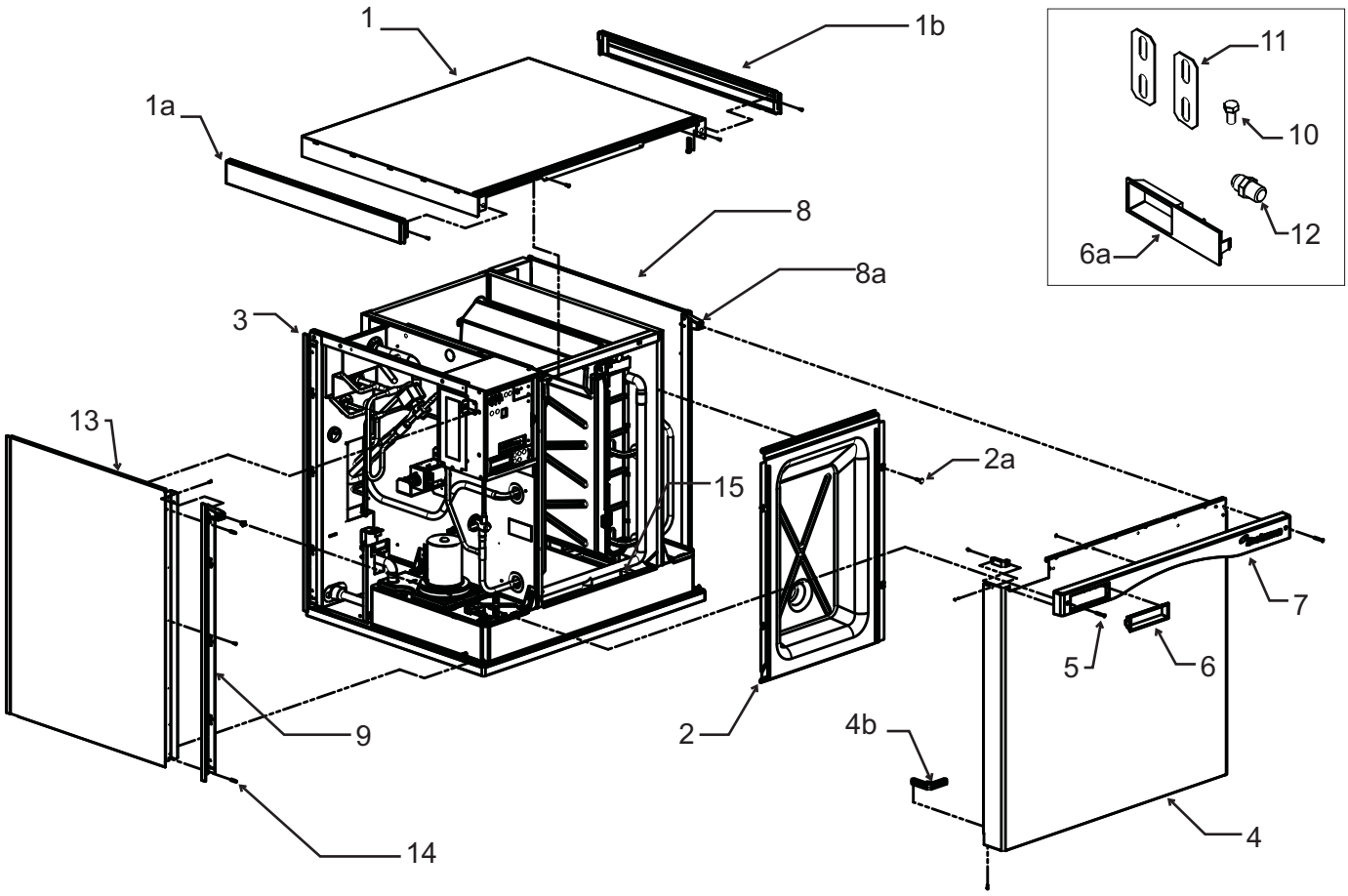
EH330 and EH430 Service Parts

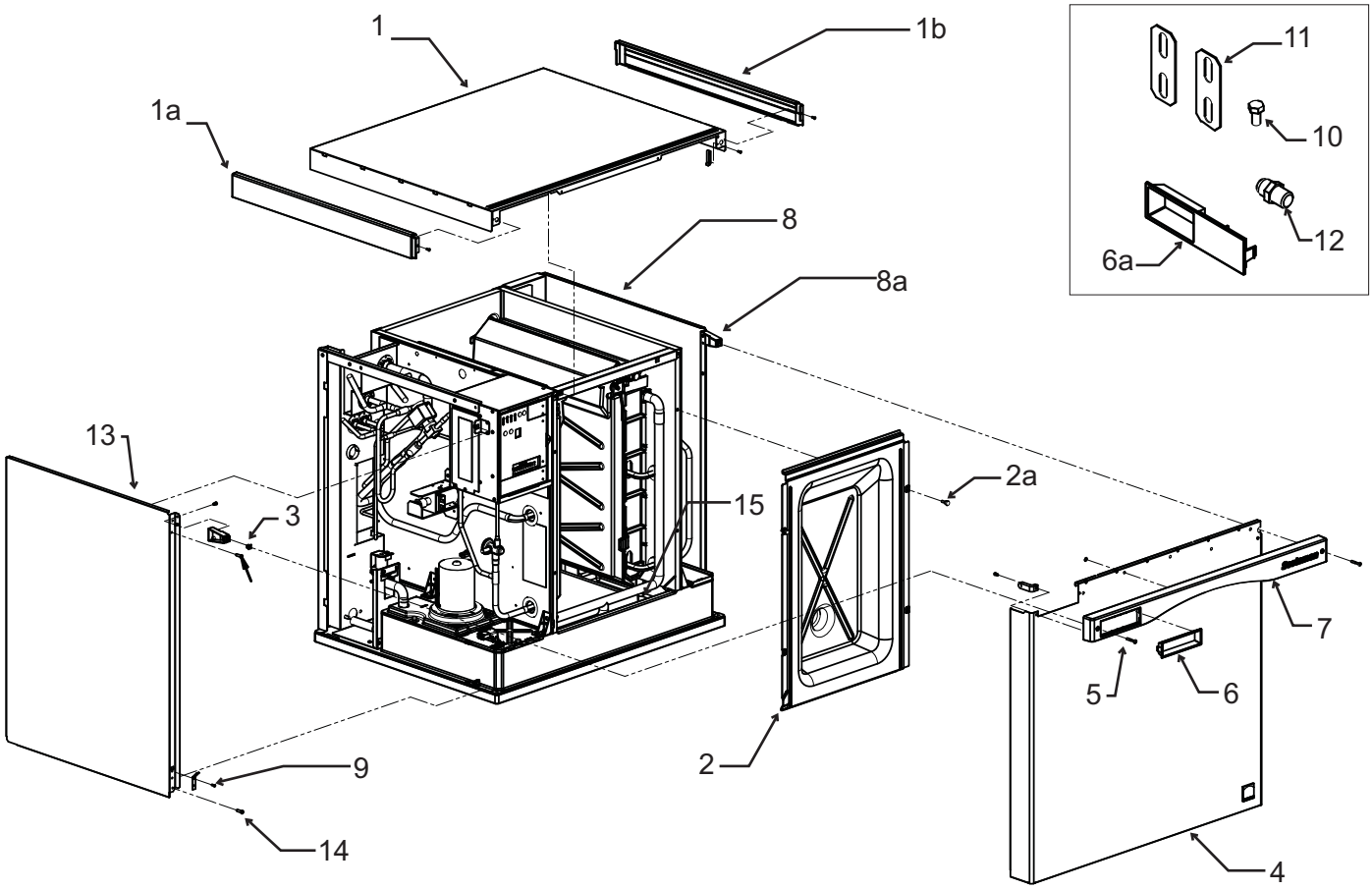
EH330 Cabinet - A Series



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

EH330 and EH430 Service Parts

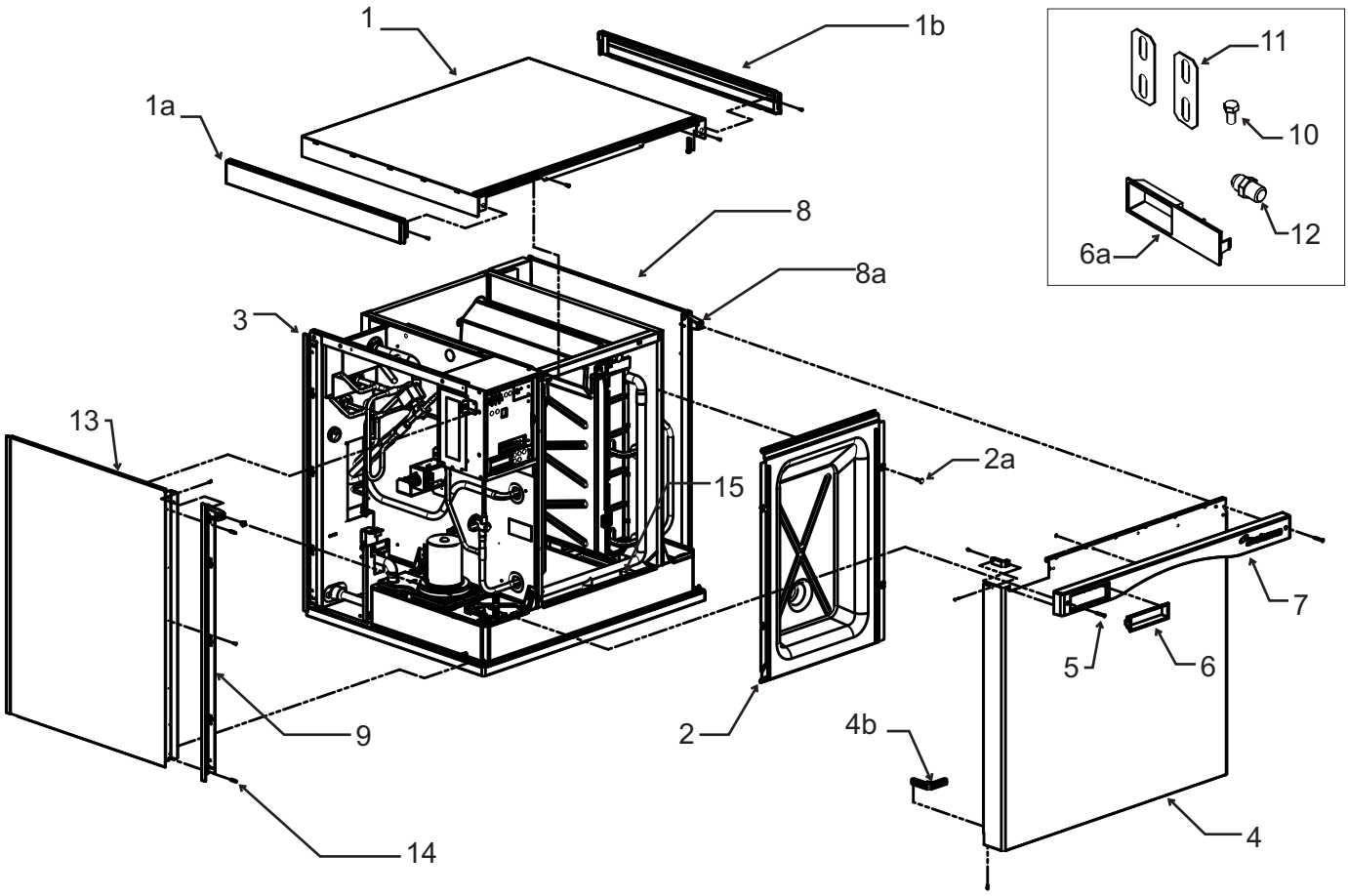
EH330 Cabinet - B Series



Item Number	Part Number	Description
1	A39579-022	Top panel, w/trim strips
1a	02-4221-01	Left trim strip
1b	02-4221-02	Right trim strip
2	02-4504-01	Evaporator cover
2a	03-0727-05	Screw
3	03-3804-01	Screw receptacle
4	A39578-022	Front panel assembly, includes trim strip, gussets and labels.
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
9	A39571-001	Panel clip
10	03-1405-15	Screw
11	A30911-015	Machine straps
12	16-0355-00	Inlet water fitting, flare
13	A39580-022	Left side panel
14	03-1404-12	Screw
15	13-0943-01	Gasket tape

EH330 and EH430 Service Parts

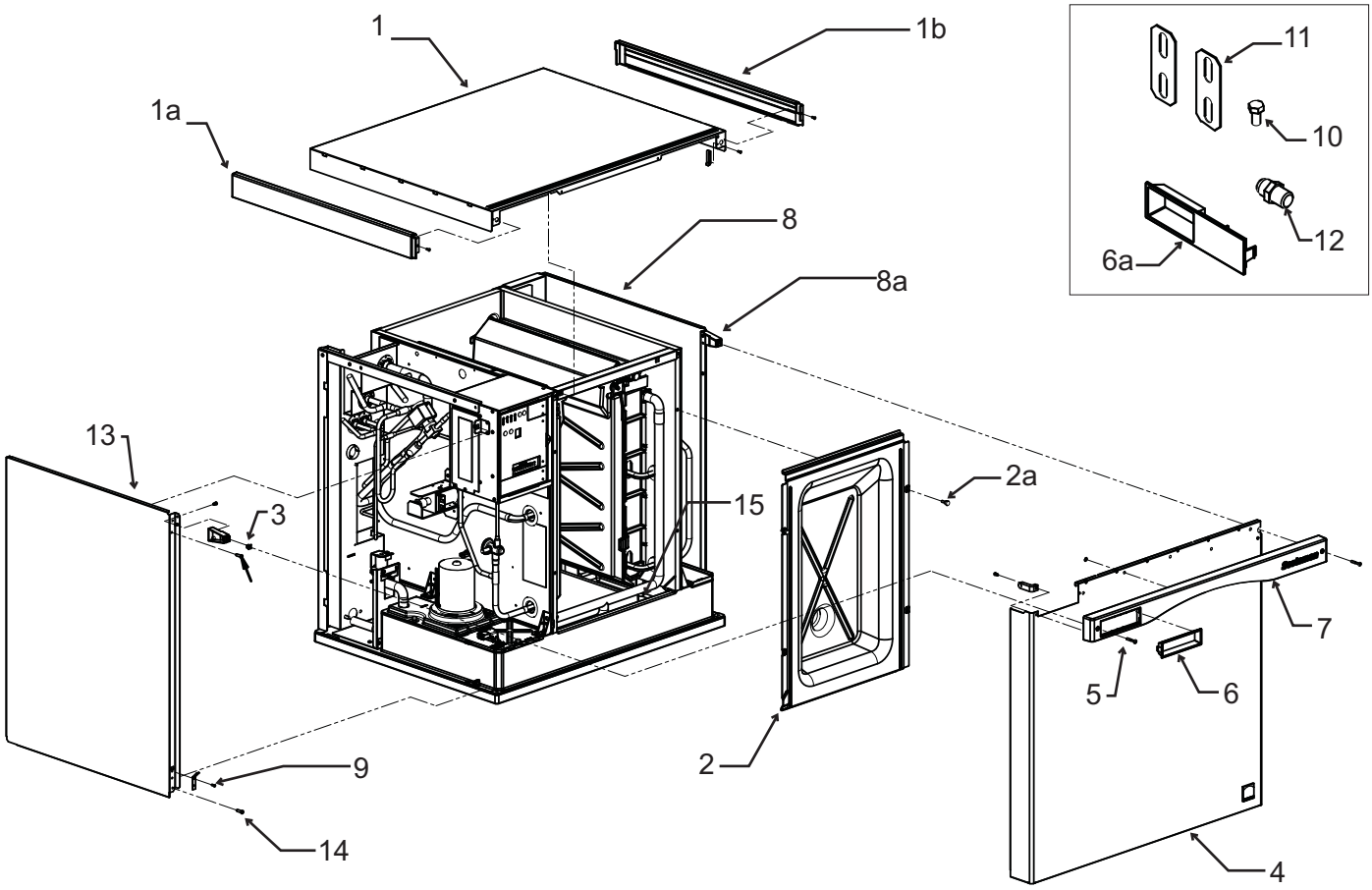
EH430 Cabinet - A Series



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

EH330 and EH430 Service Parts

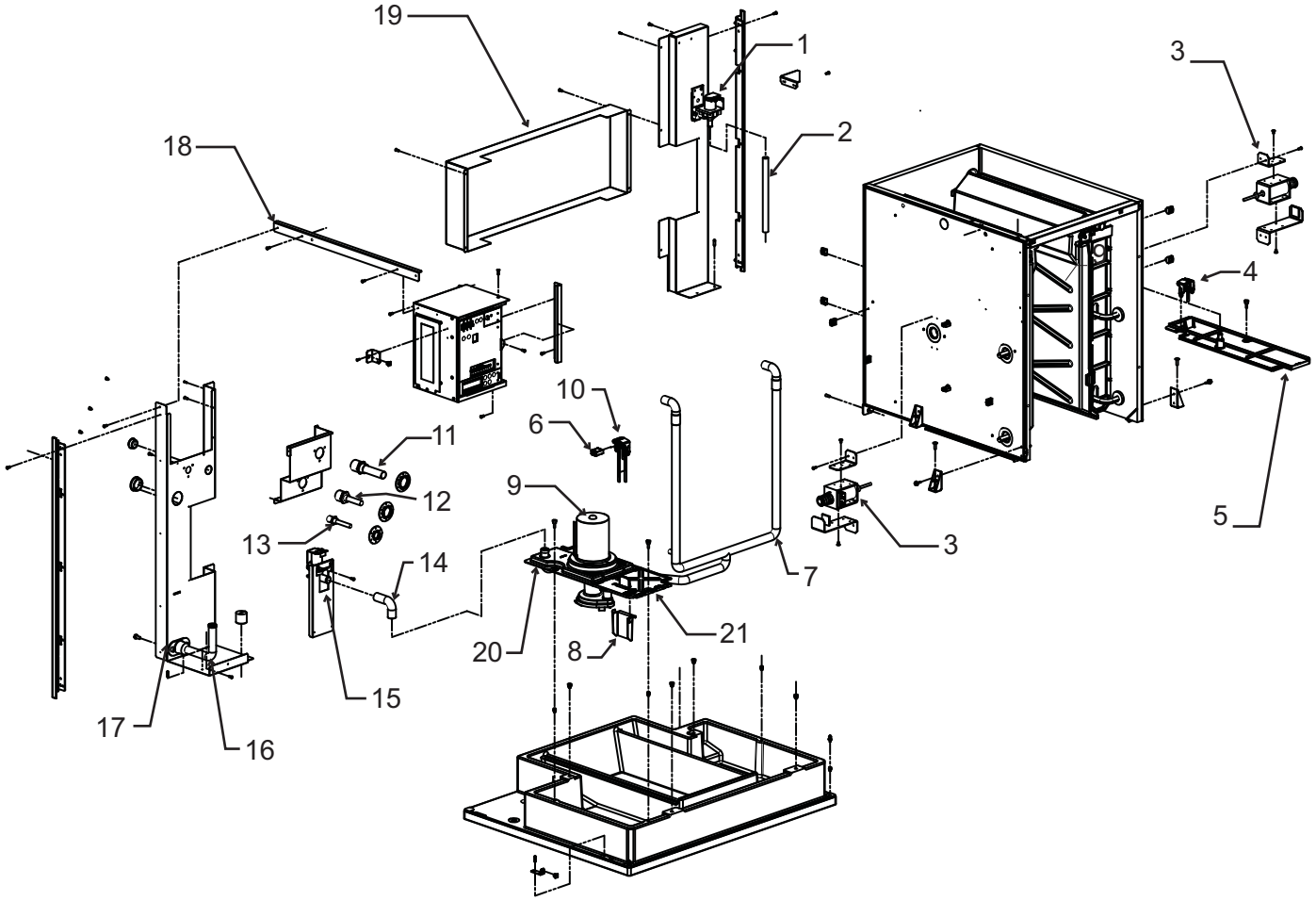
EH430 Cabinet - B Series



Item Number	Part Number	Description
1	A39579-022	Top panel, w/trim strips
1a	02-4221-01	Left trim strip
1b	02-4221-02	Right trim strip
2	02-4504-01	Evaporator cover
2a	03-0727-05	Screw
3	03-3804-01	Screw receptacle
4	A39578-023	Front panel assembly, includes trim strip, gussets and labels.
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
9	A39571-001	Panel clip
10	03-1405-15	Screw
11	A30911-015	Machine straps
12	16-0355-00	Inlet water fitting, flare
13	A39580-024	Left side panel
14	03-1404-12	Screw
15	13-0943-01	Gasket tap

EH330 and EH430 Service Parts

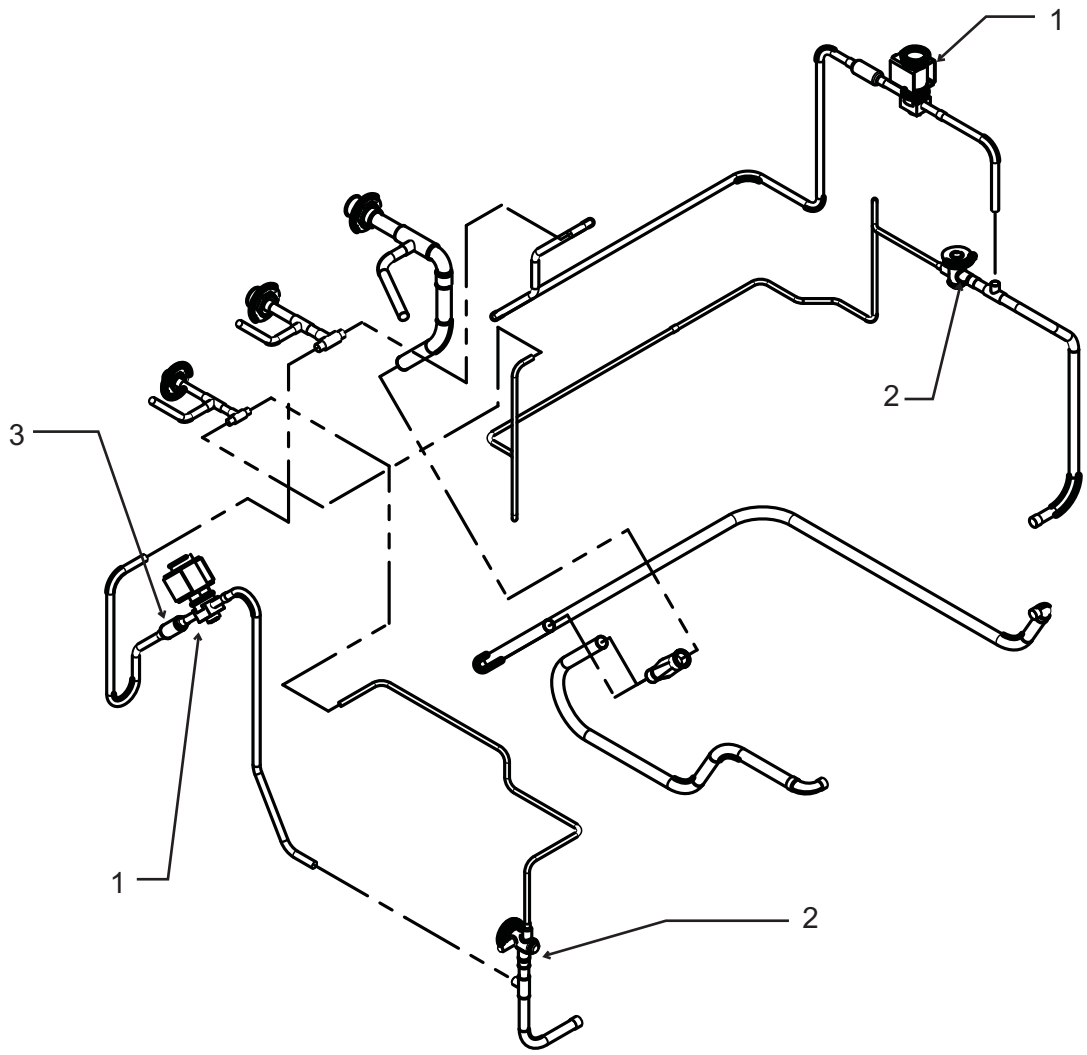
EH330 and EH430 Interior Parts



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

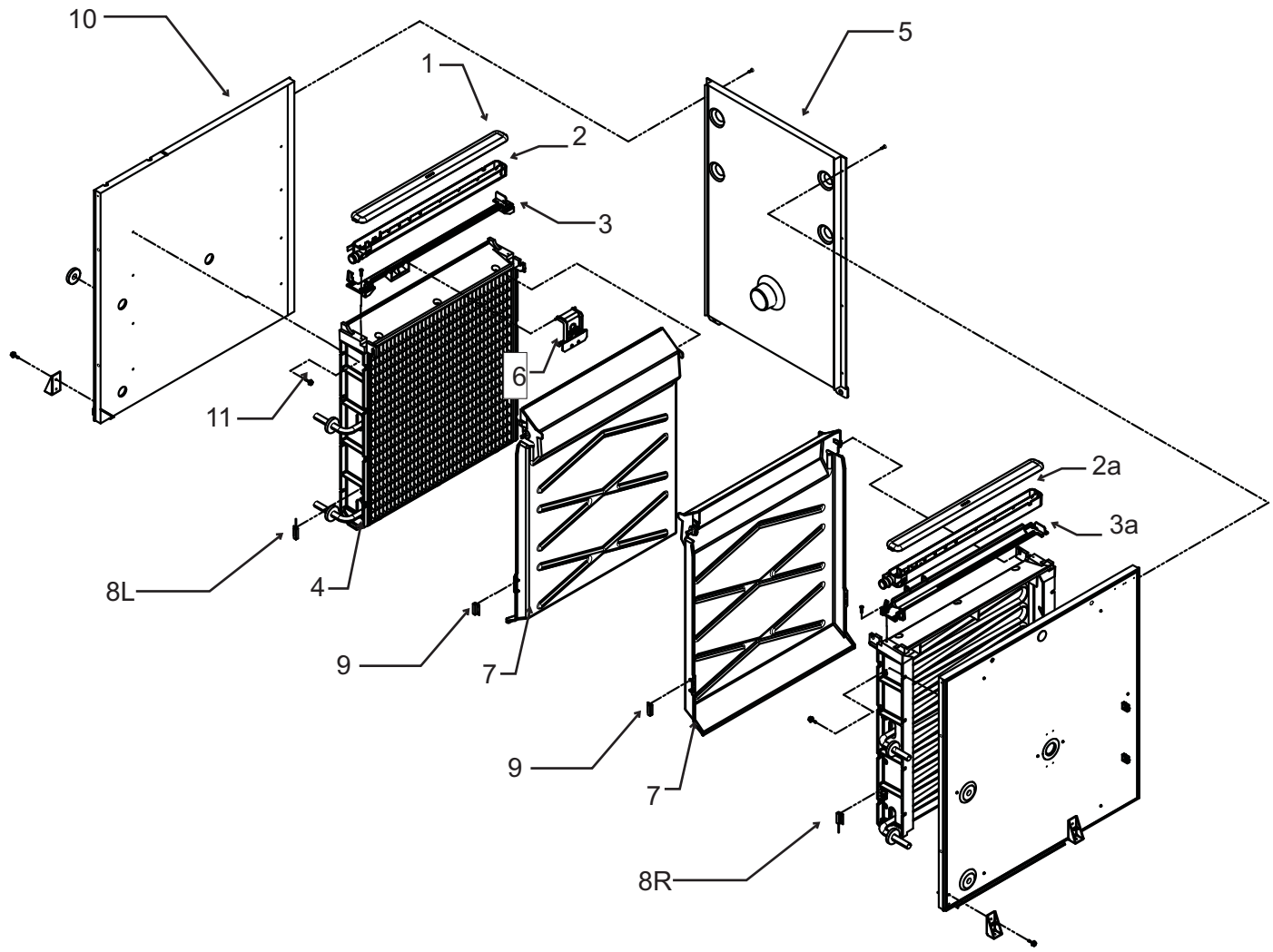
EH330 and EH430 Refrigeration System



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
1	02-4065-01	Water distributor cover
2	02-4064-01	Water distributor, left
2a	02-4064-02	Water distributor, right
3	02-4205-01	Mounting bracket, left
3a	02-4205-02	Mounting bracket, right
4	see table	Evaporator

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

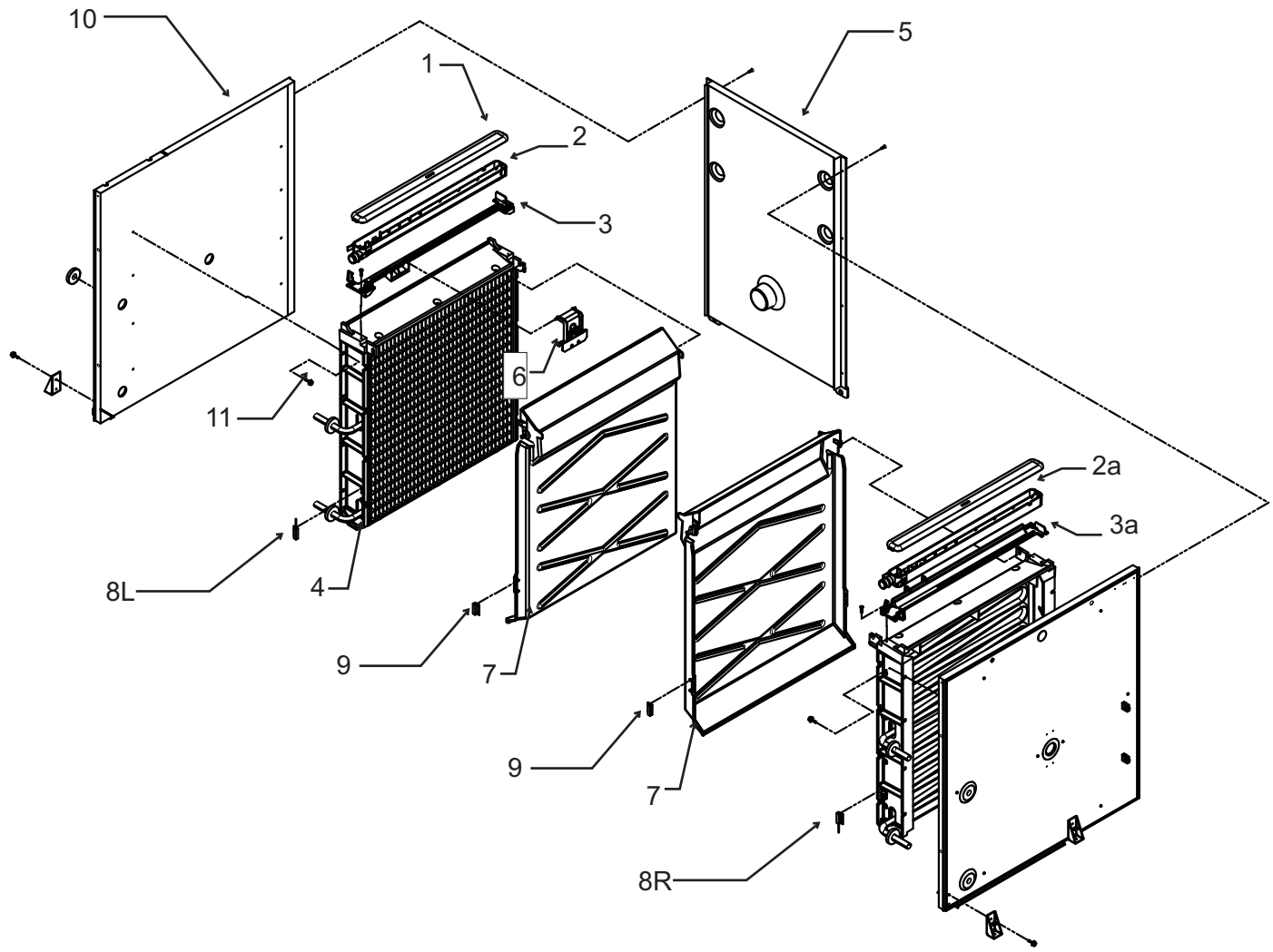
5	A39480-001	Back wall
6	A39031-021	Ice thickness sensor
7	02-4100-32	Curtain

8L	11-0563-06	Curtain switch, left
8R	11-0563-03	Curtain switch, right
9	11-0563-02	Curtain switch magnet
10	13-0943-01	Gasket tape
11	03-3868-01	Screw

Note: Item 7 includes item 9, shipped loose.

EH330 and EH430 Service Parts

EH430 Evaporator Compartment



Item Number	Part Number	Description
1	02-4065-01	Water distributor cover
2	02-4064-01	Water distributor, left
2a	02-4064-02	Water distributor, right
3	02-4205-01	Mounting bracket, left
3a	02-4205-02	Mounting bracket, right
4	see table	Evaporator

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

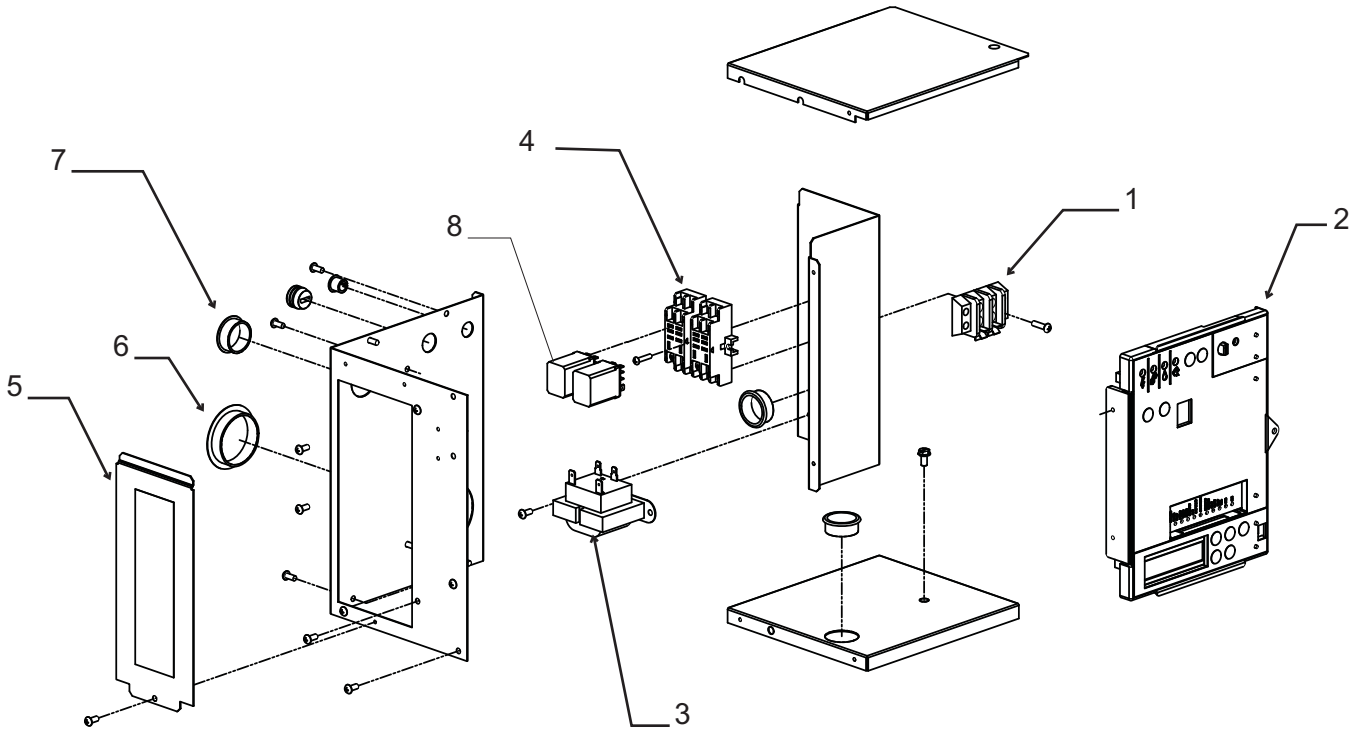
5	A38677-001	Back wall
6	A39031-021	Ice thickness sensor
7	02-4100-33	Curtain

8L	11-0563-06	Curtain switch, left
8R	11-0563-03	Curtain switch, right
9	11-0563-02	Curtain switch magnet
10	13-0943-01	Gasket tape
11	03-3868-01	Screw

Note: Item 7 includes item 9, shipped loose.

EH330 and EH430 Service Parts

EH330 or EH430 Electrical



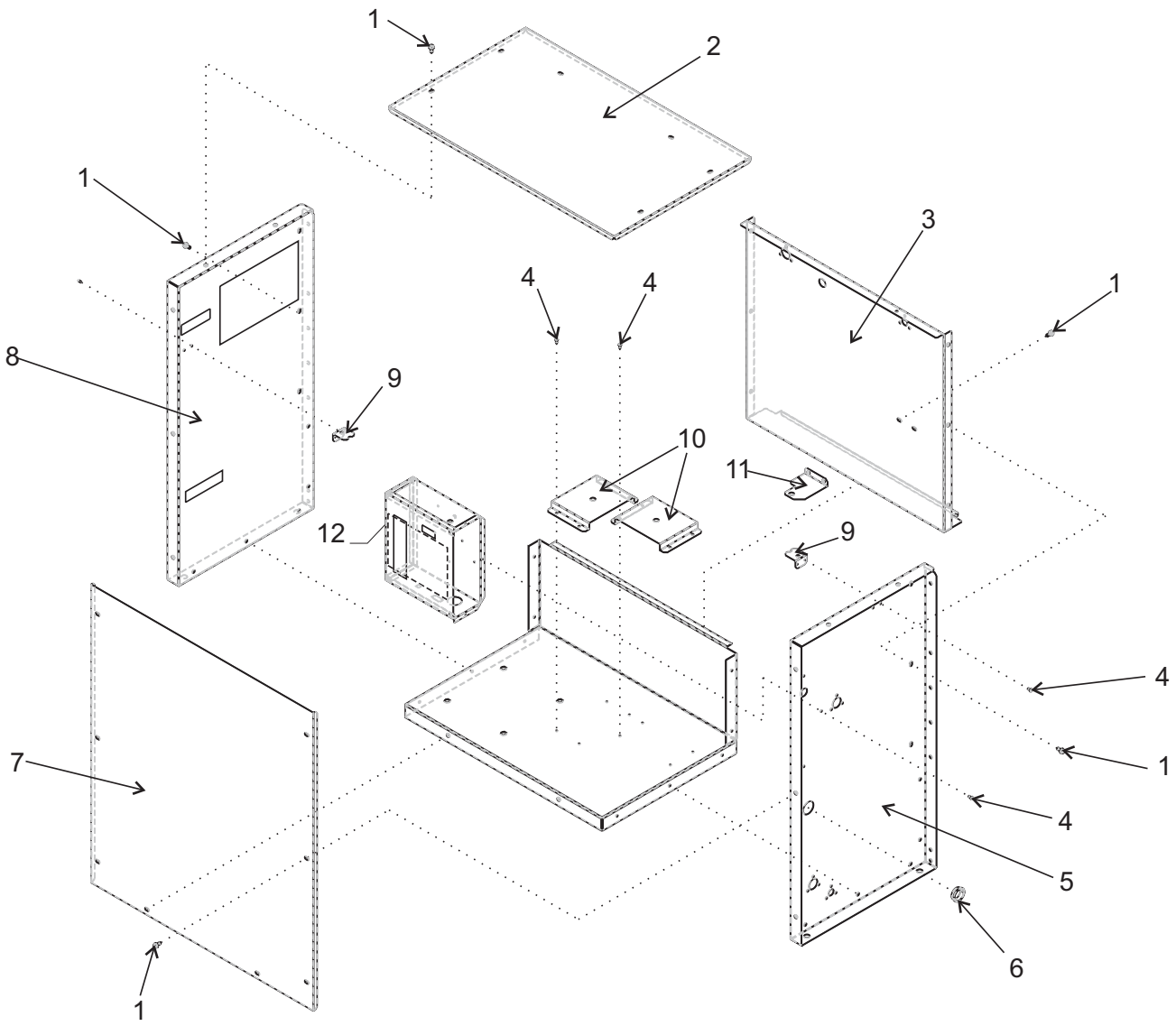
Item Number	Part Number	Description
1	12-2780-01	Terminal strip
2	11-0550-27	Controller
3	12-2924-01	Transformer
4	12-2949-02	Relay base
5	A39287-001	Cover
6	12-1213-15	Snap bushing
7	12-1213-11	Snap bushing
8	12-2949-01	Relay

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

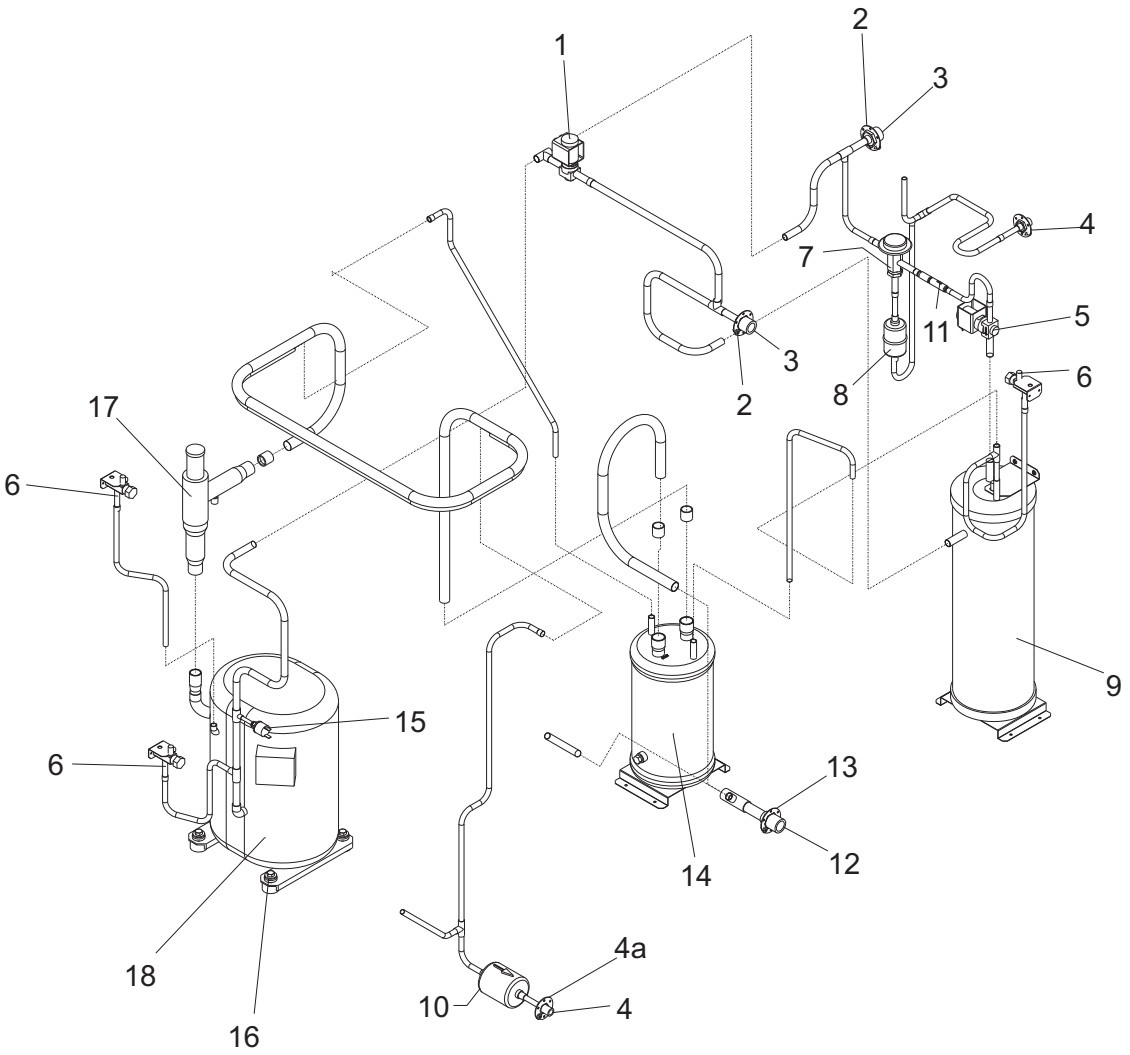


Item Number	Part Number	Description
1	03-1645-01	Screw
2	A37853-001	Top cover
3	A37845-001	Back panel
4	03-1531-01	Screw
5	A37829-001	Right side panel
6	12-1213-20	Snap bushing
7	A37896-001	Front cover
8	A37829-002	Left side panel
9	A37962-001	Service valve bracket

Item Number	Part Number	Description
10	A37948-001	Rec btm bracket - all
or accumulator bracket - C1200CP or C1410CP		
	A39319-001	Accumulator bracket, C1800CP or C2000CP
11	A37949-001	Receiver top bracket
12	A38430-001	Control box cover

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	

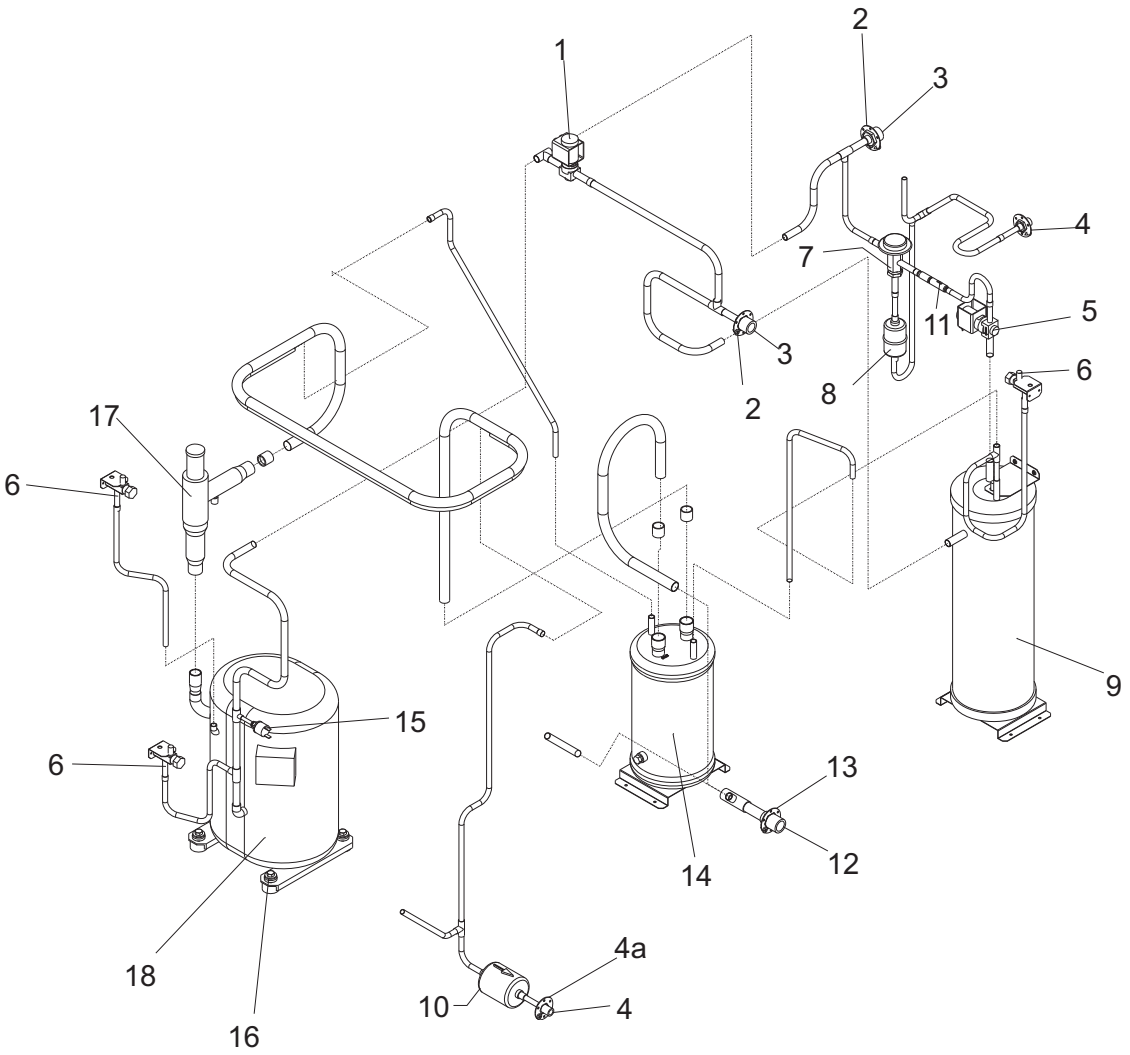
C1200CP-32	single phase	18-8750-22
C1200CP-2	three phase	18-8750-24

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	

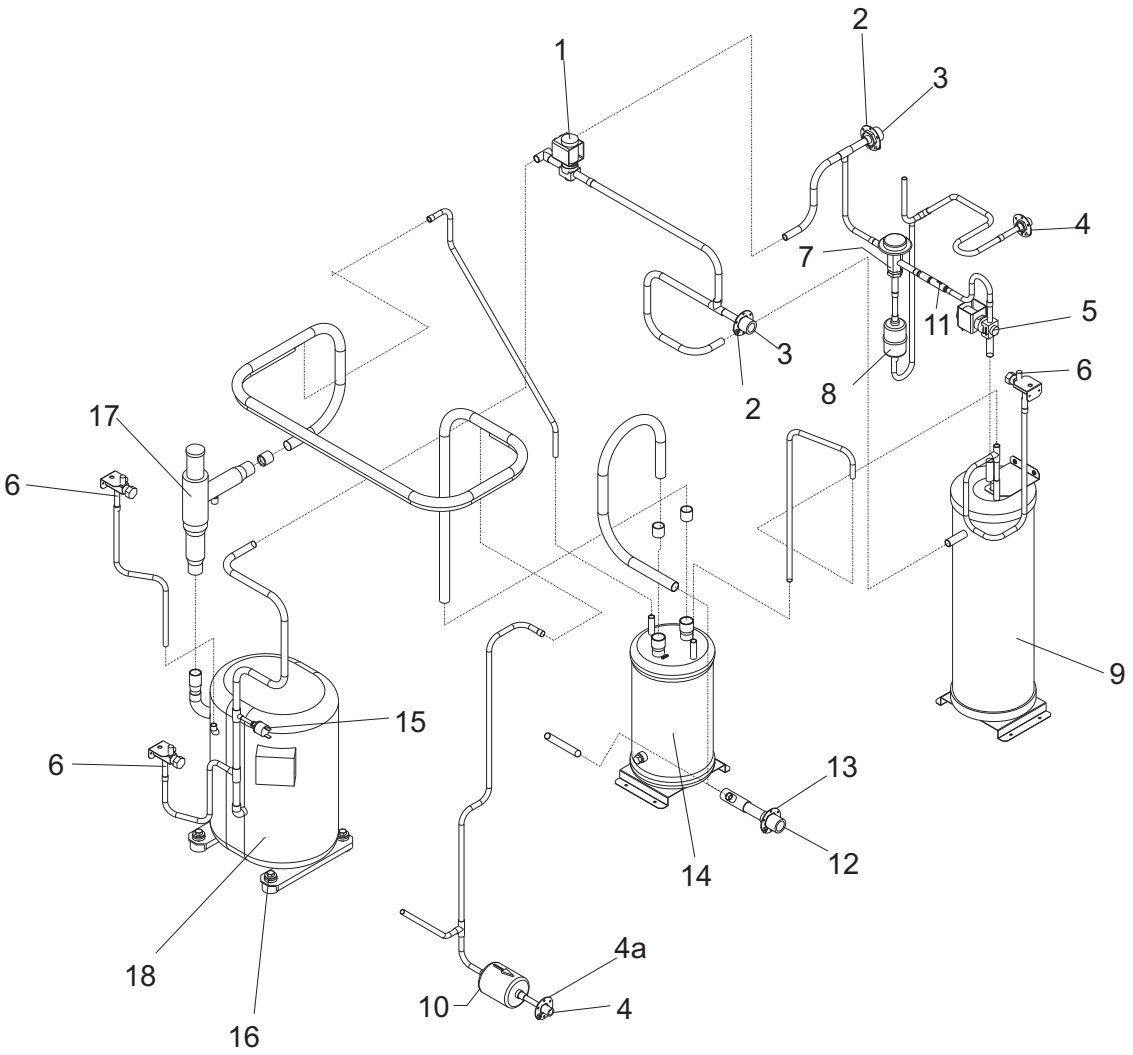
C1410CP-32	single phase	18-8749-22
C1410CP-2	three phase	18-8749-24

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	

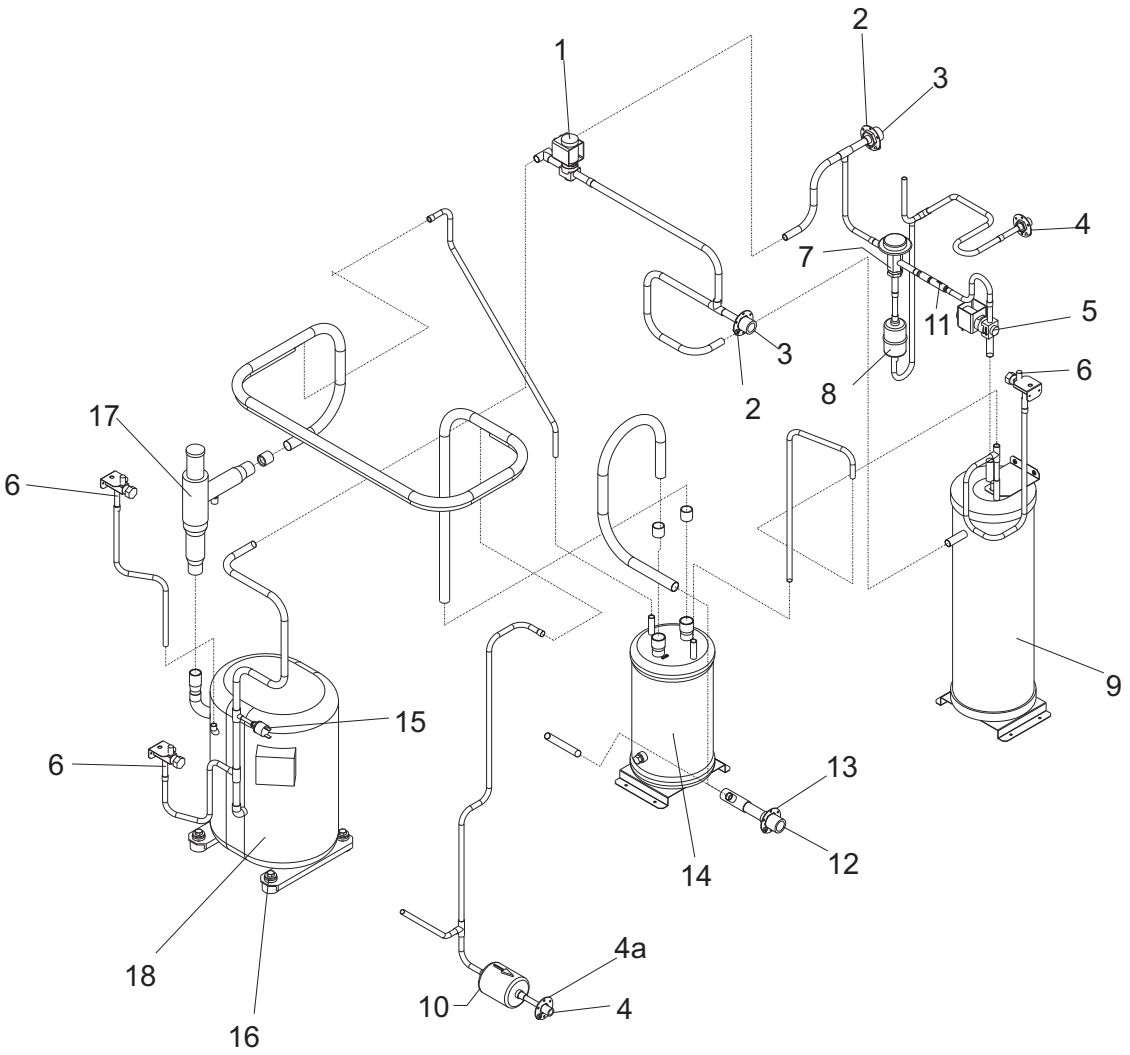
C1800CP-32	single phase	18-8930-24
C1800CP-2	three phase	18-8930-25

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	

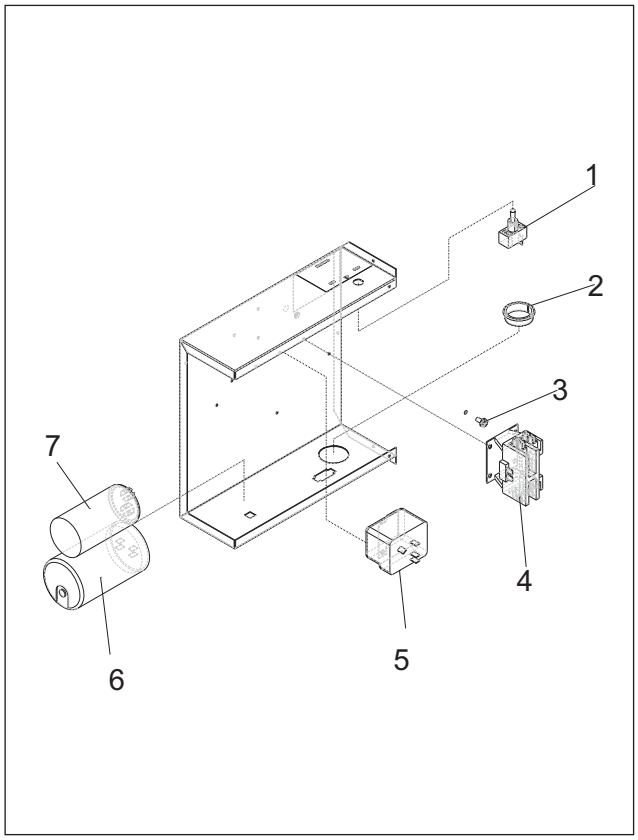
C2000CP-32	single phase	18-8923-22
C2000CP-2	three phase	18-8923-23

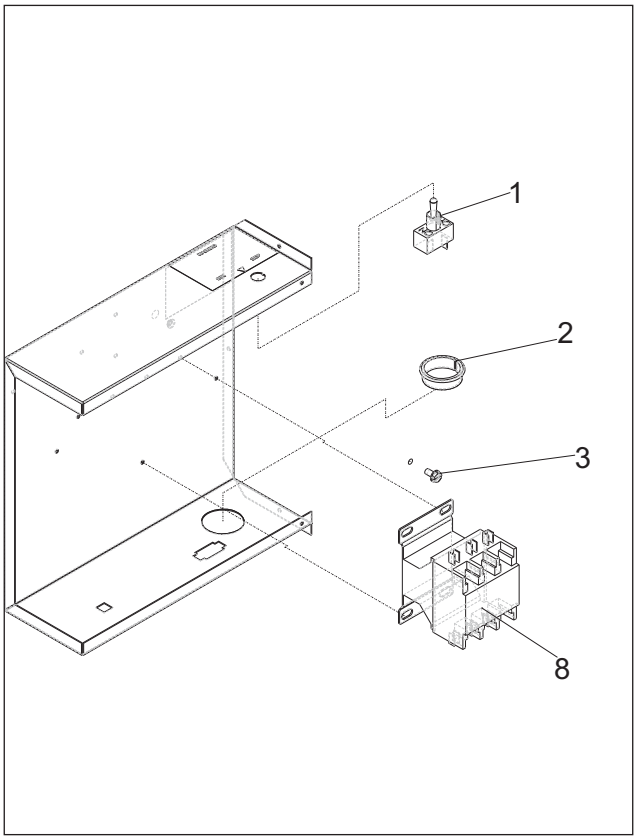
All compressors are 208-230 volt, 60 Hz.

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

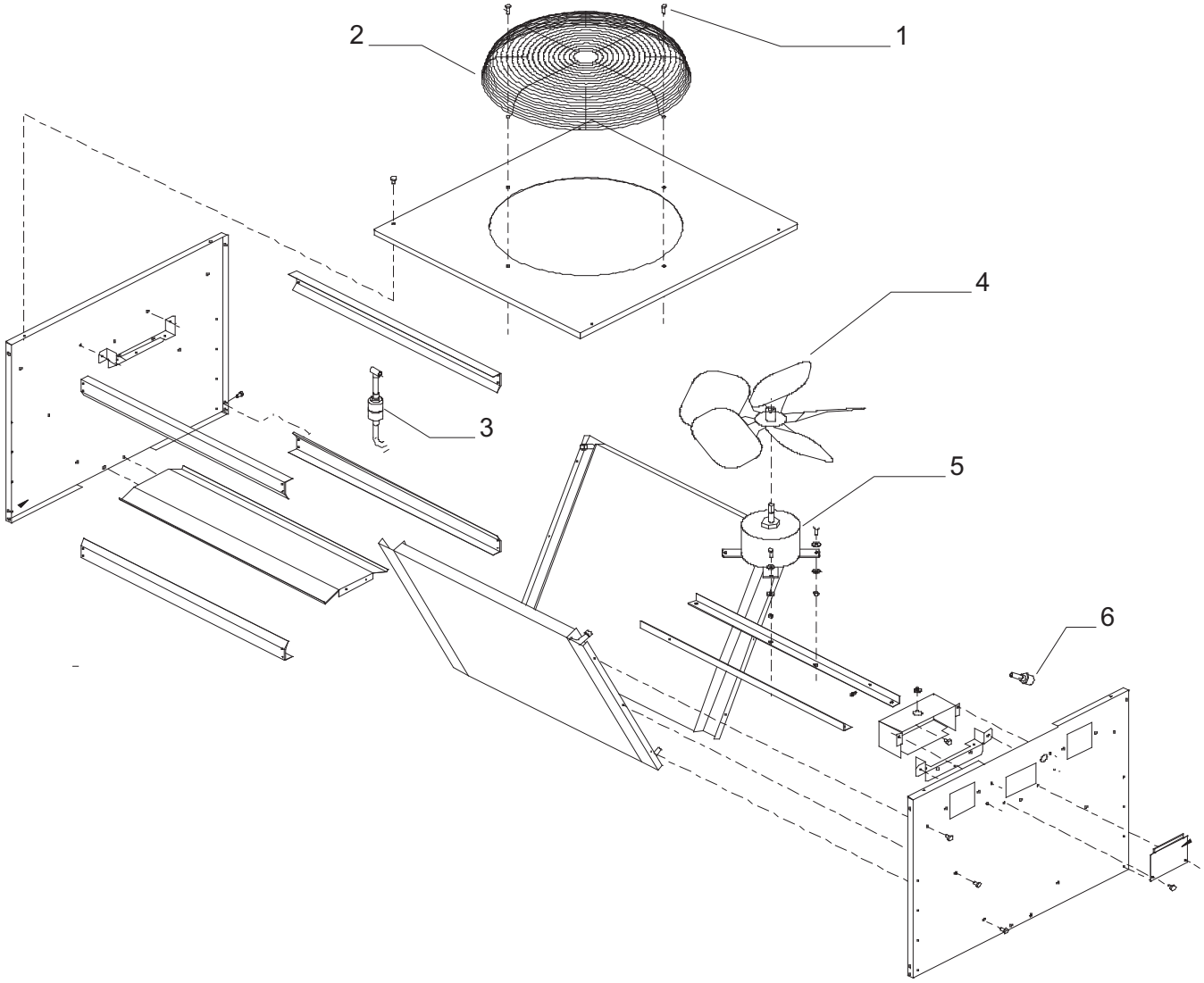
8	12-2533-01	Three phase Contactor

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

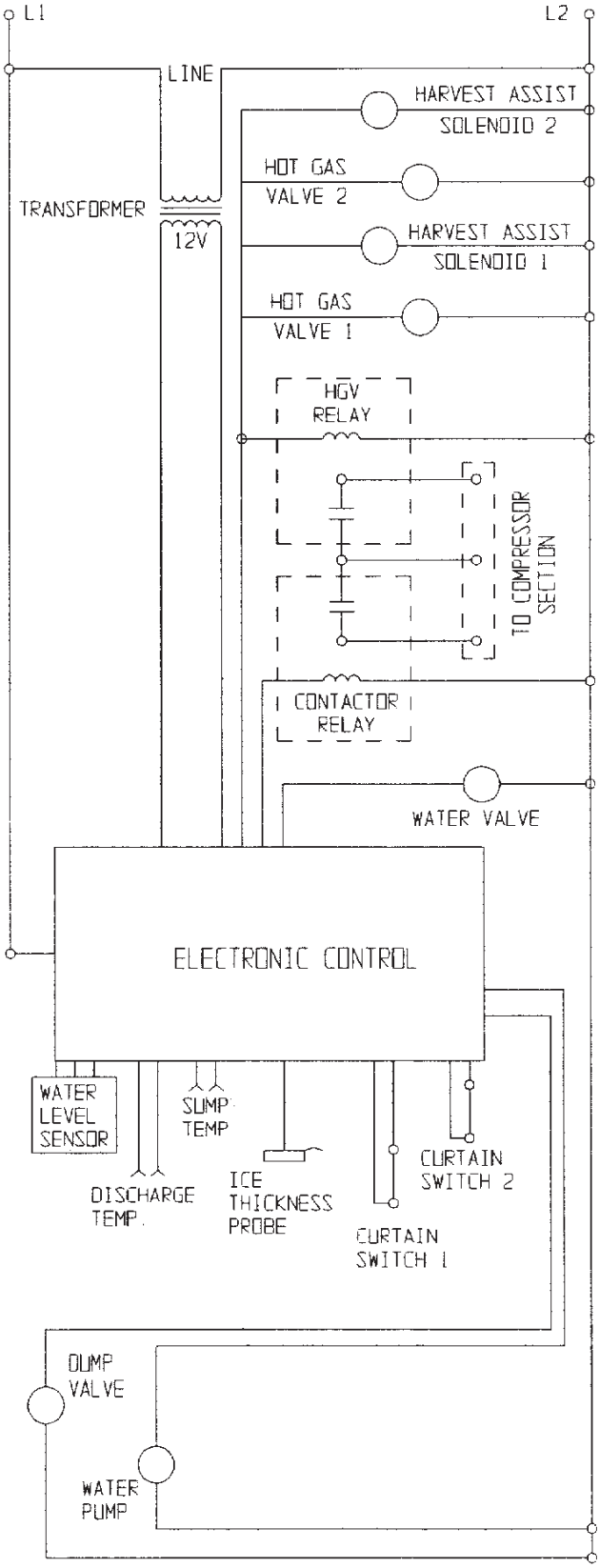
Item Number	Part Number	Description
1	03-1405-08	Screw
2	02-3770-01	Fan guard
3	02-3231-03	Filter
4	18-8820-01	Fan blade
5	12-2717-01	Fan motor
6	16-1057-04	Quick connect, disch
	16-1057-03	Quick connect, liquid

Not Shown:

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

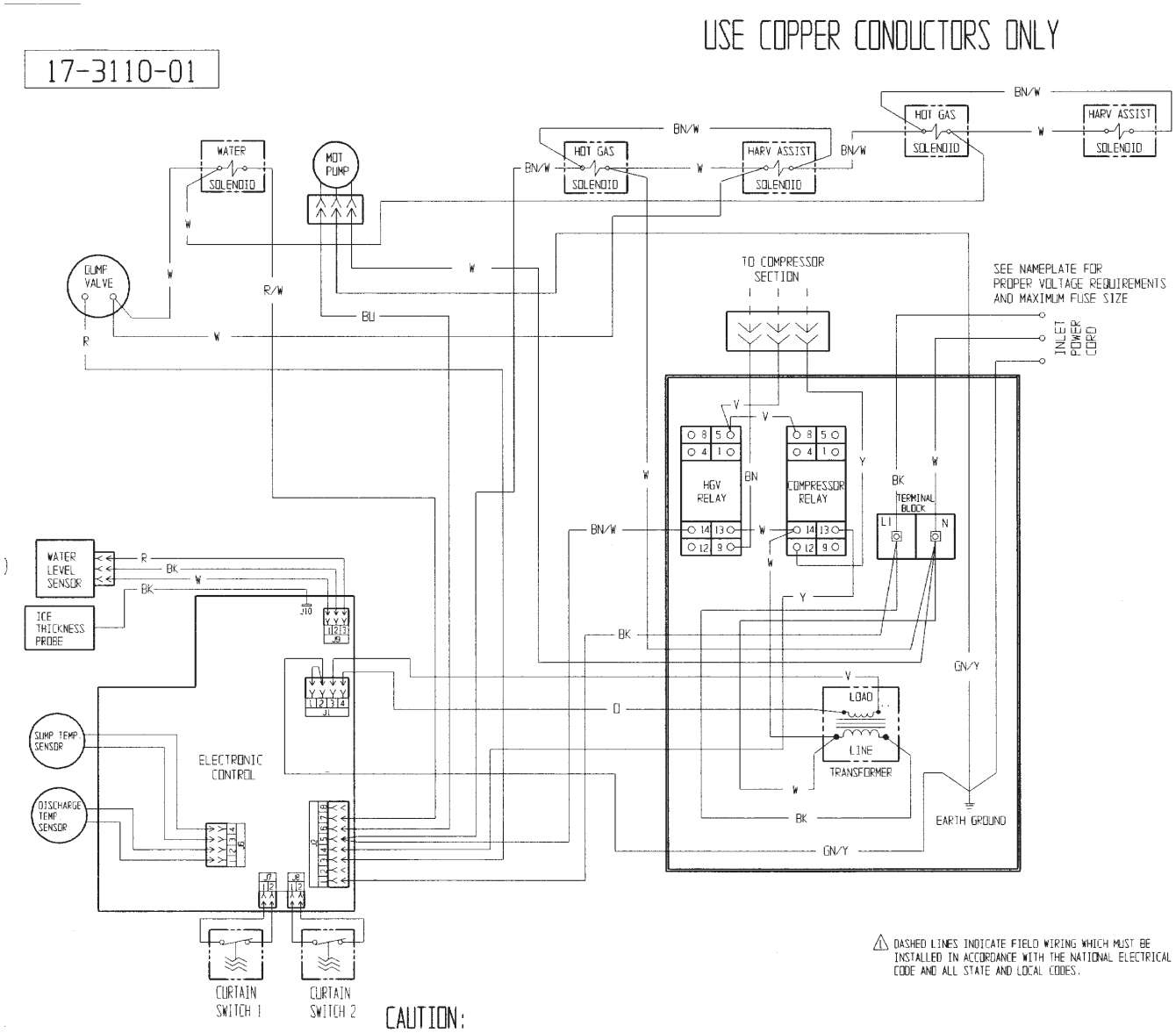
EH330 and EH430 Wiring Diagrams

EH330 or EH430 Schematic Diagram



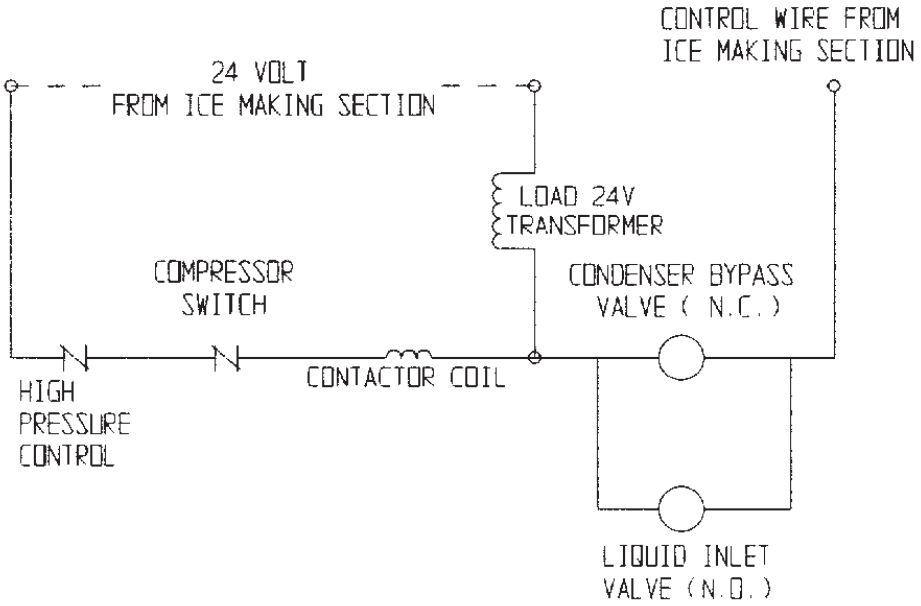
EH330 and EH430 Wiring Diagrams

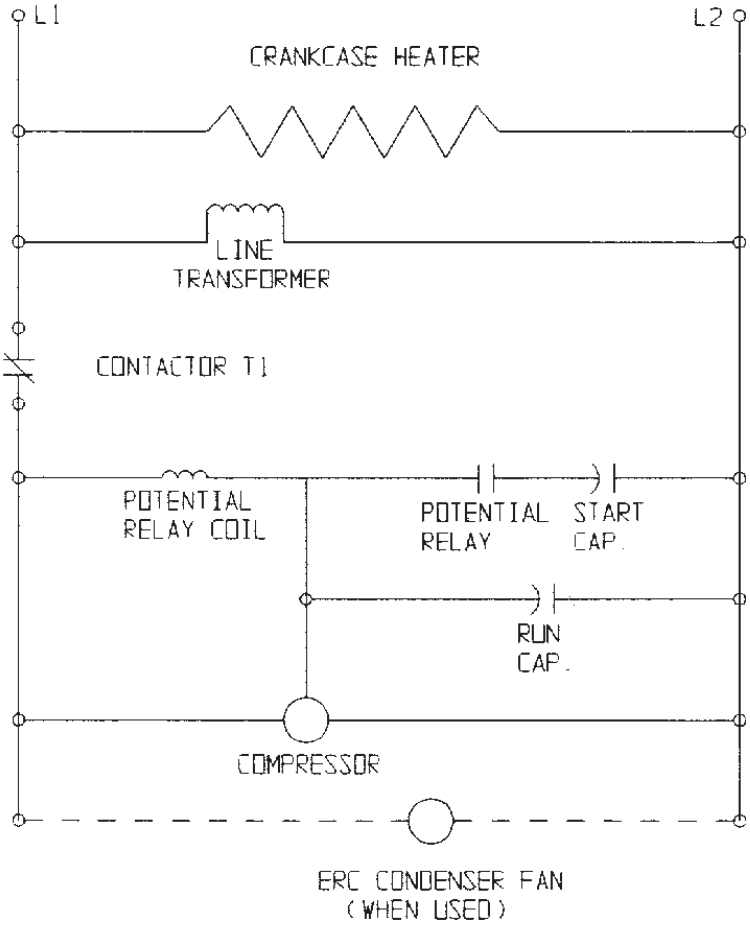
EH330 or EH430 Wiring Diagram



EH330 and EH430 Wiring Diagrams

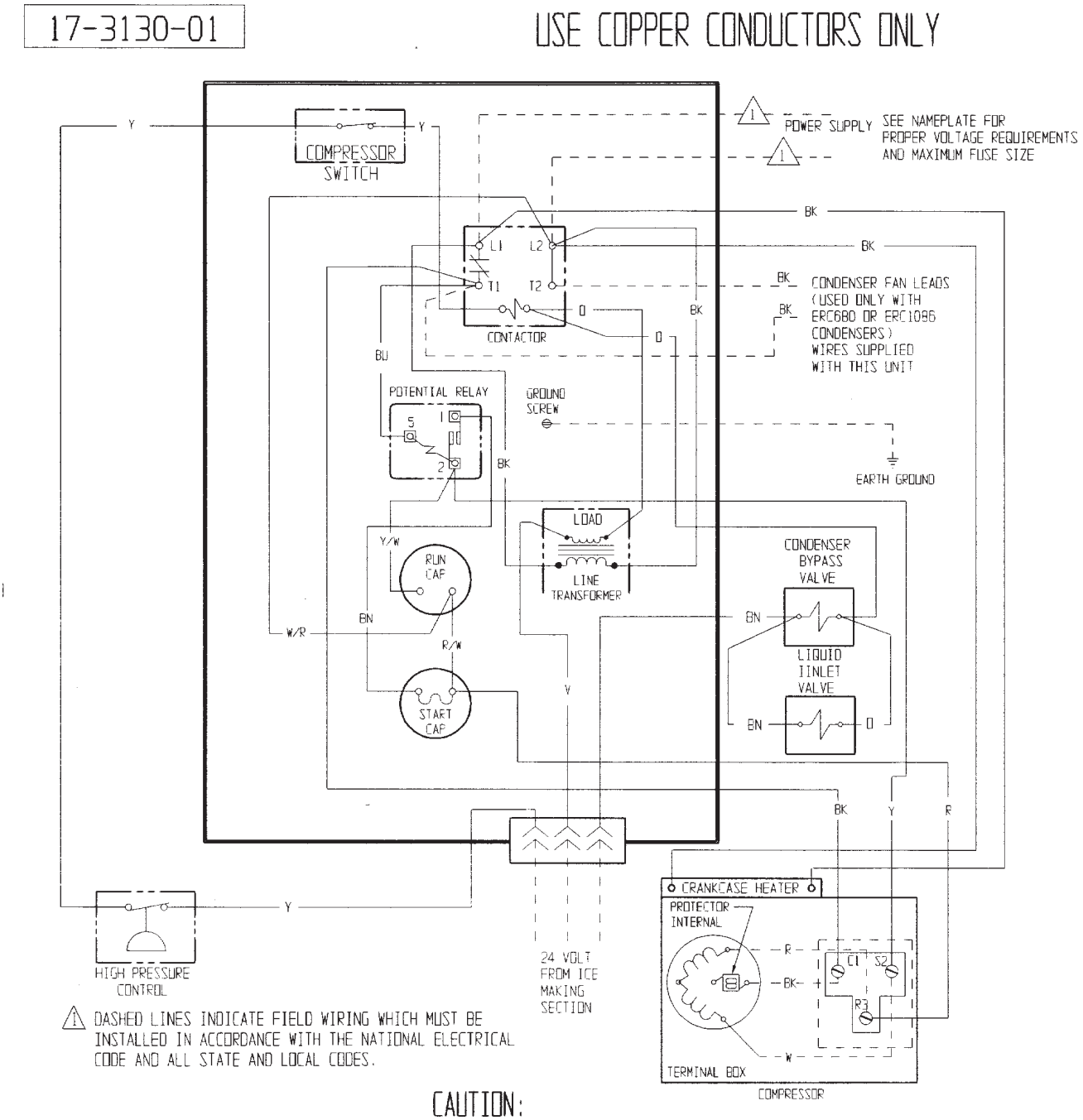
CP Single Phase Schematic Diagram





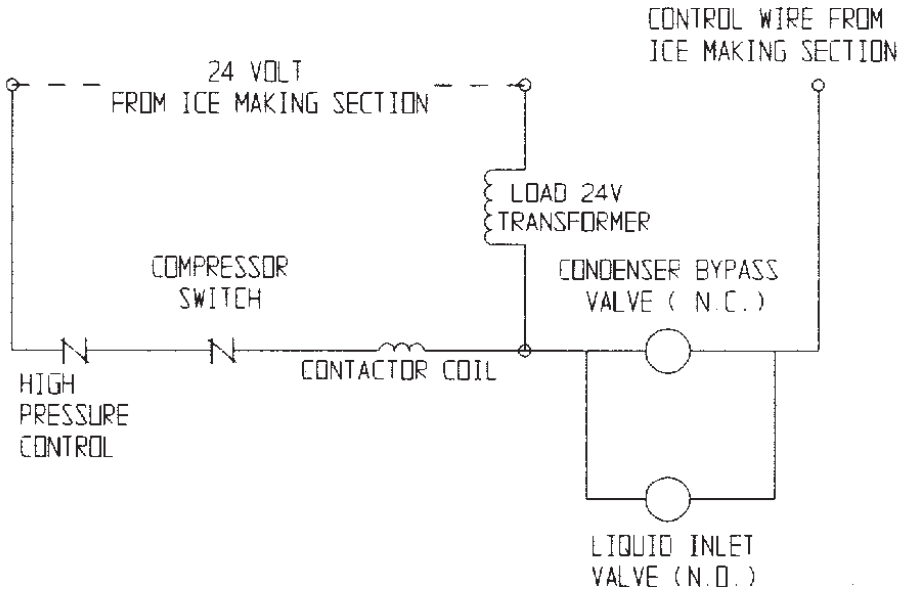
EH330 and EH430 Wiring Diagrams

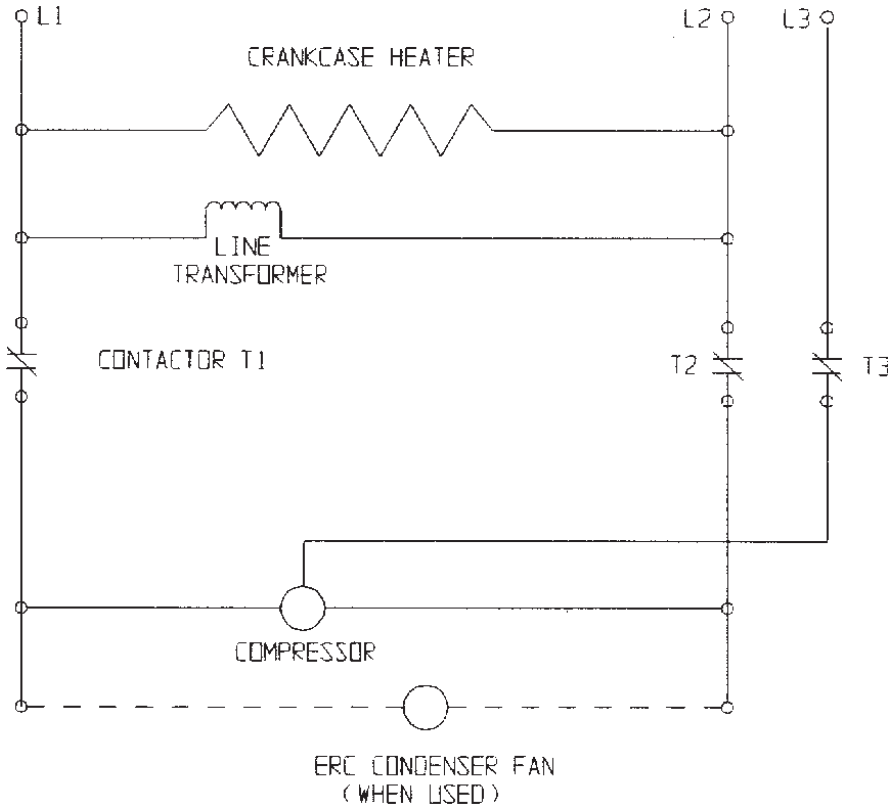
CP Single Phase Wiring Diagram

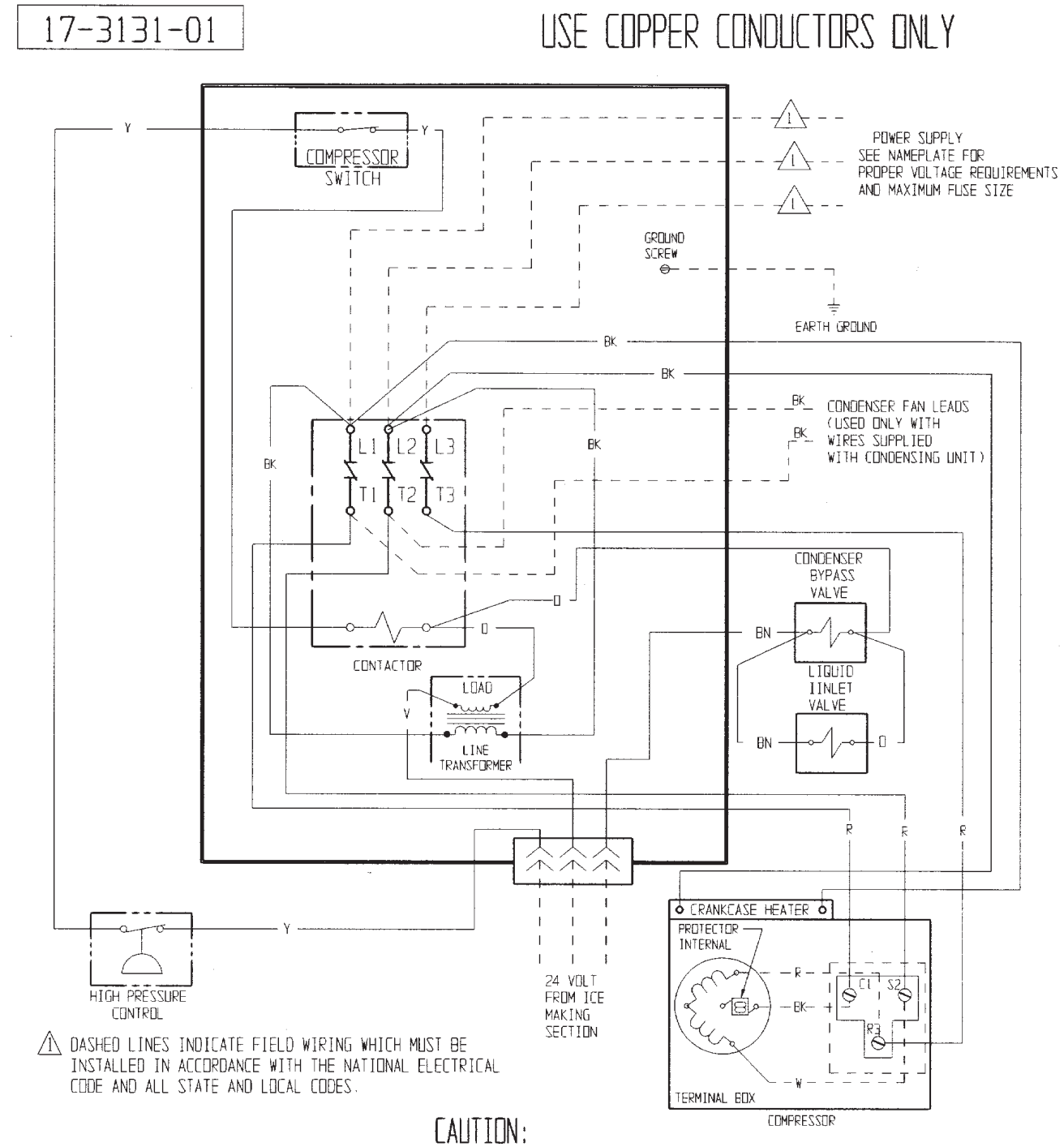


EH330 and EH430 Wiring Diagrams

CP Three Phase Wiring Diagram





EH330 and EH430 Wiring Diagrams

CP Three Phase Schematic Diagram