C1448, C1848, C2148 Service Parts

This part list contains the service parts for the air cooled, water cooled and remote air cooled C1448, C1848, C2148 ice machines.

To avoid costly and time consuming errors, double check the model and voltage before ordering a part.

The above have been manufactured in several voltages, which are designated by a voltage code after the hyphen (-) in the model number. Codes used included:

- -32 = 208-230/60/1
- -3 = 208-230/60/3
- -6 = 230/50/1
- -63 = 230/380-420/50/3

There was also a panel change in late 2009, denoted by a B at the end of the model number.

Note: These abbreviations are used in this list:

- AC = Air Cooled
- WC = Water Cooled
- RC = Remote Cooled
- HGV = Hot Gas Valve
- TXV = Thermostatic Expansion Valve
- Volt = Voltage
- Sol Vlv = Solenoid Valve
- Hdwe = Hardware

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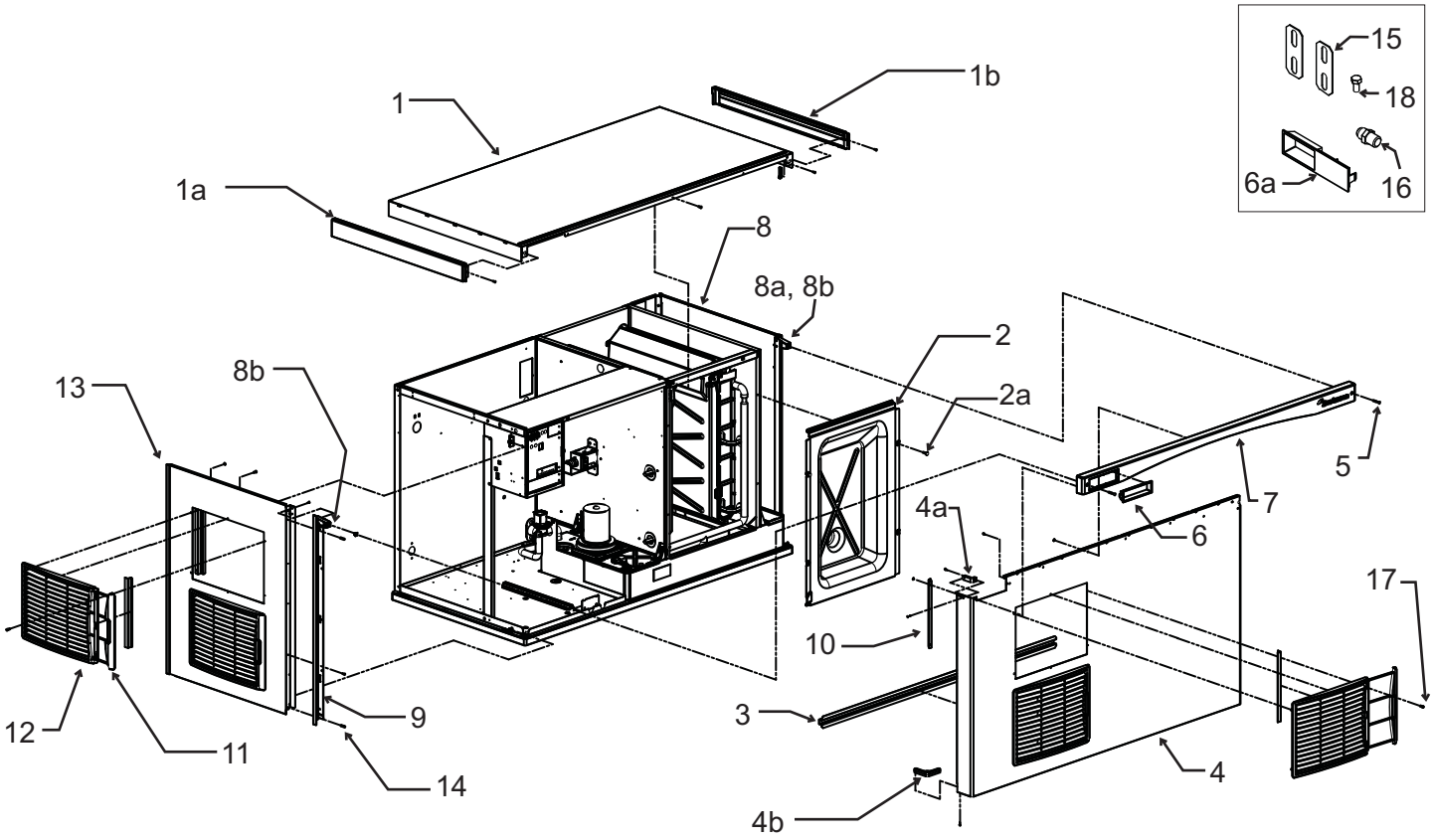
C1448, C1848, C2148 Service Parts

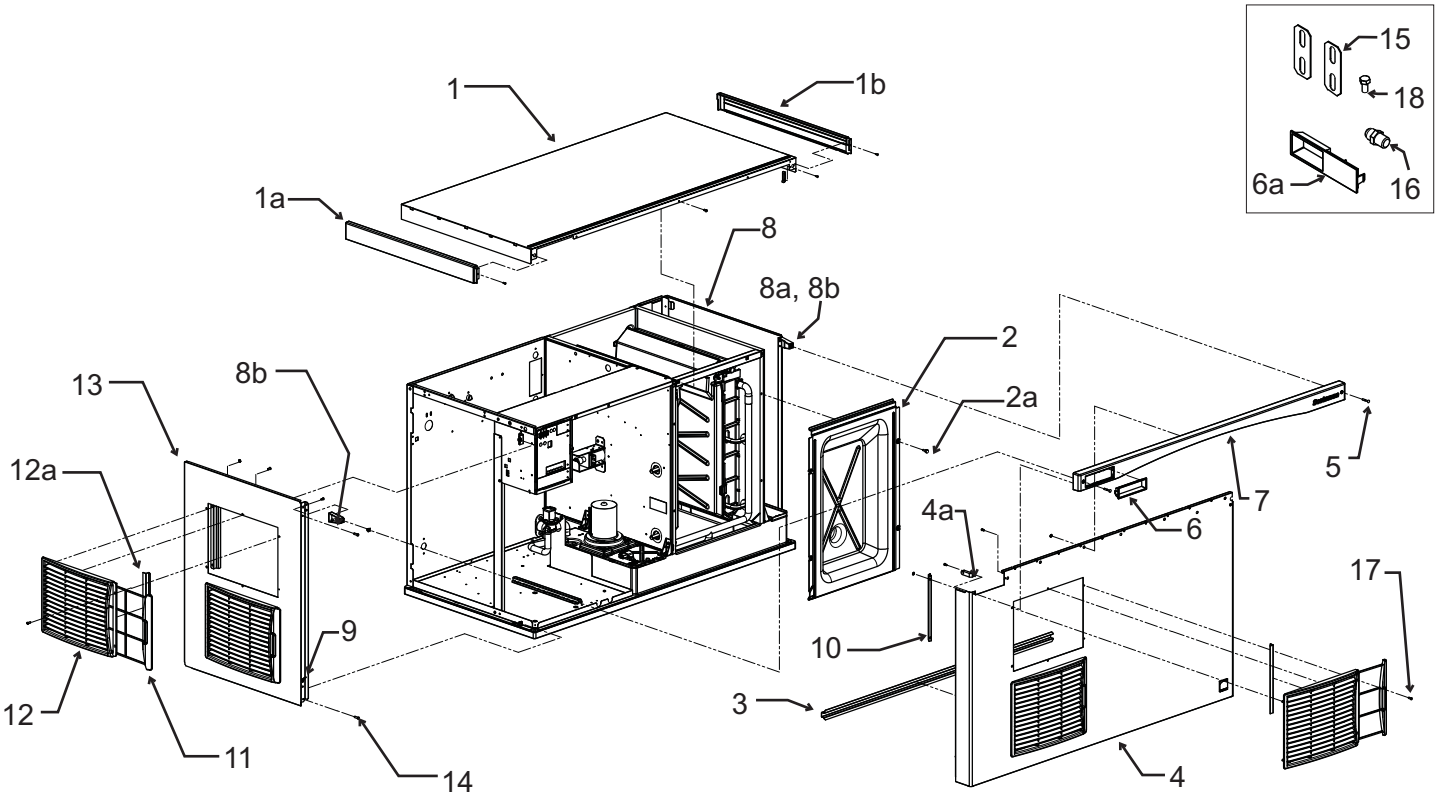
Cabinet - A Series



Item Number	Part Number	Description
1	A38941-023	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	A39045-001	Front panel stiffener
4	A38552-025	AC Front panel assembly, includes filters, trim strip, gussets and labels.
	A38552-024	WC, or RC 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	02-4214-03	Trim strip
8	A38553-022	Right side panel assy
8a	02-4215-01	Receptacle
8b	03-3804-01	Screw receptacle
9	02-4067-03	Side panel support. Fits water cooled and remote models. Used as back side panel support for air cooled.
	02-4067-04	Front side panel support for air cooled models
10	A39222-001	Filter guide
11	02-4212-01	Air filter
12	02-4224-01	Louver panel
12a	A39238-001	Louver bracket
13	A38551-023	Left side panel, AC
	A38551-024	Left side panel WC, RC
14	03-1404-12	Screw
15	A30911-015	Machine straps
16	16-0355-00	Inlet water fitting, flare
17	03-1419-17	Flat head screw
18	03-1405-15	Screw

C1448, C1848, C2148 Service Parts

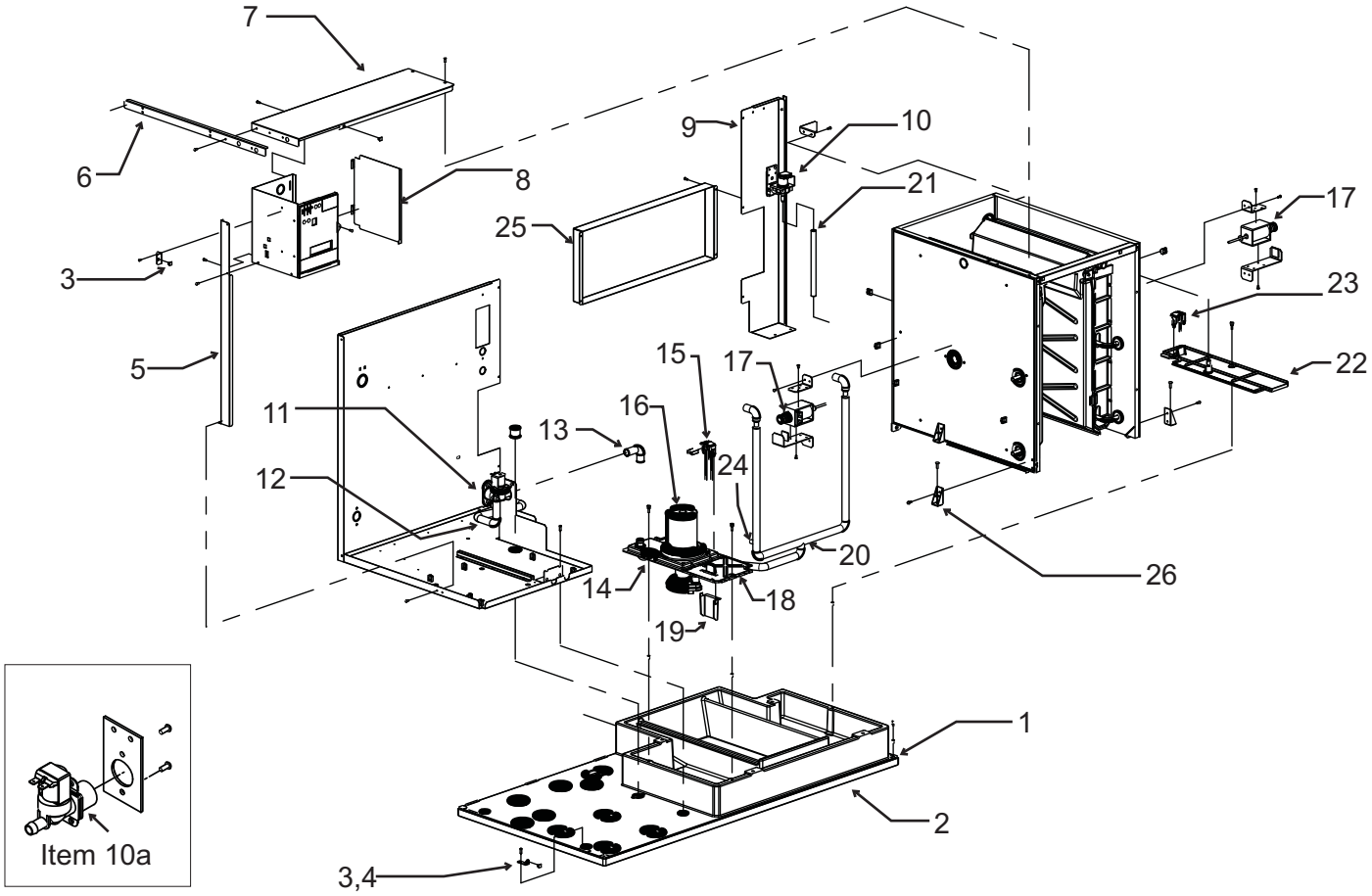
Cabinet - B Series



Item Number	Part Number	Description
1	A39579-023	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	A39045-001	Front panel stiffener
4	A39578-025	AC Front panel assembly, includes filters, trim strip, gussets
	A39578-024	WC, or RC front panel assembly, includes trim strip, gussets
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	02-4214-03	Trim strip
8	A39581-022	Right side panel assy
8a	02-4215-01	Receptacle
8b	03-3804-01	Screw receptacle
9	A39571-001	Panel clip
10	A39222-001	Filter guide
11	02-4212-01	Air filter
12	02-4224-01	Louver panel
12a	A39238-001	Louver bracket
13	A39580-026	Left side panel, AC
	A39580-024	Left side panel, WC, RC
14	03-1404-12	Screw
15	A30911-015	Machine straps
16	16-0355-00	Inlet water fitting, flare
17	03-1419-17	Flat head screw
18	03-1405-15	Screw

C1448, C1848, C2148 Service Parts

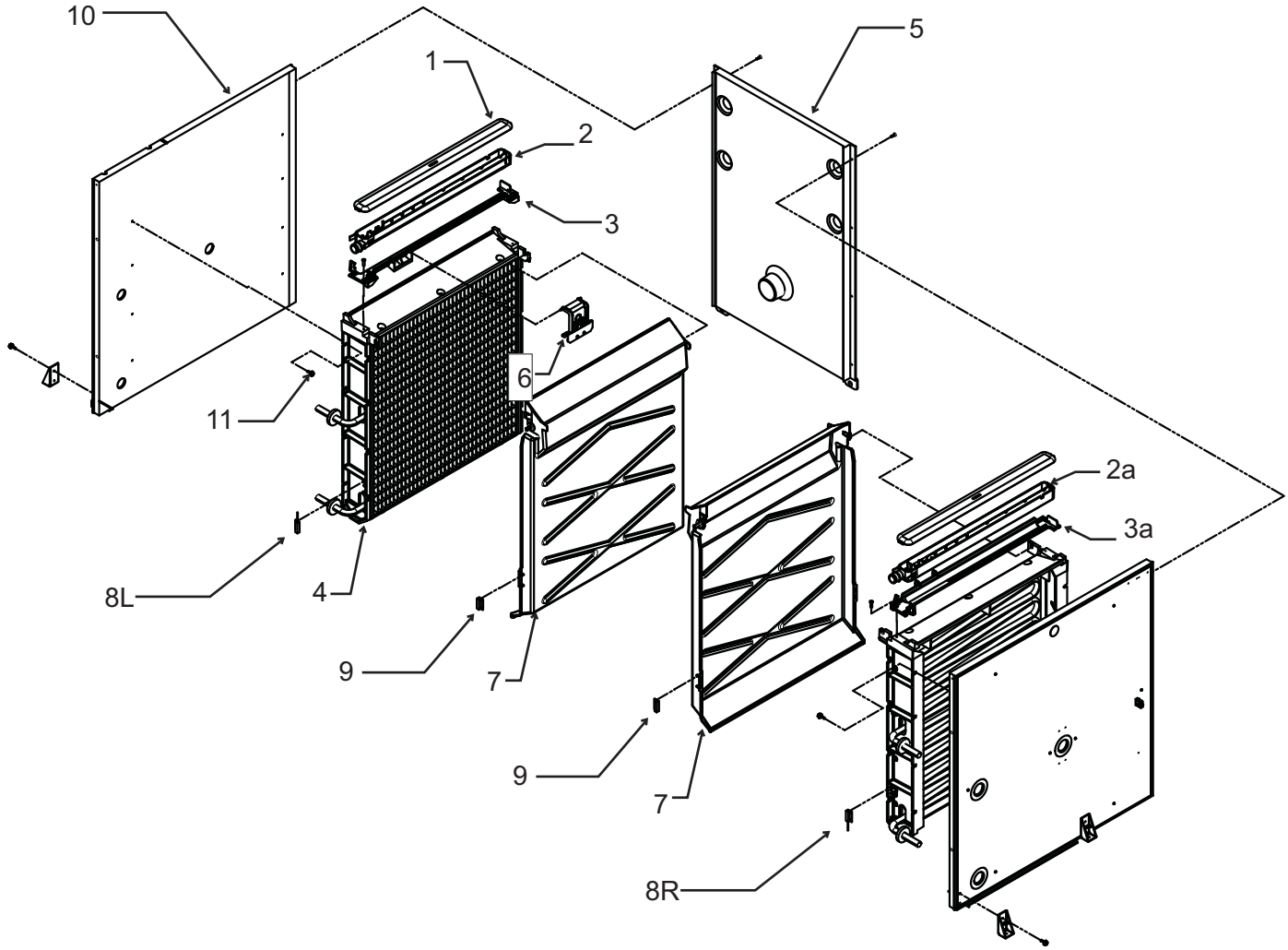
Interior Parts



Item Number	Part Number	Description
1	15-0411-00	Strike - A series only
2	no number	Base, insulated
3	03-3804-01	Receptacle
4	A38732-001	Side panel mount
5	A38629-001	Strut
6	A38582-001	Brace
7	A39281-001	Control box top
8	A38537-001	Control box side
9	A38680-001	Right back panel
10	12-2922-02	Inlet water sol vlv, 230 volt
	12-2912-01	Water valve rebuild kit
10a	11-0568-02	Inlet water sol vlv, CE mod
11	11-0564-02	Purge valve, 230 volt
12	A38862-002	Drain tube
13	A38862-001	Drain hose
14	02-4177-01	Water pump bracket
15	A39030-021	Water level sensor
		WLS harness, see page 9
16	12-2920-22	Water pump
17	12-3036-22	Harvest assist solenoid
18	02-4178-01	Reservoir cover
19	02-4332-01	Sensor cover
20	02-4182-01	Pump hose
21	13-0674-02	Fill hose order by ft (18")
	15-0821-01	Fill hose, -6 CE models
22	02-4175-01	Rt side res cover
23	A39030-022	Level sensor
24	11-0572-21	Temp probe assy
25	A38681-001	Chase cover
26	02-4152-01	Gusset

C1448, C1848, C2148 Service Parts

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

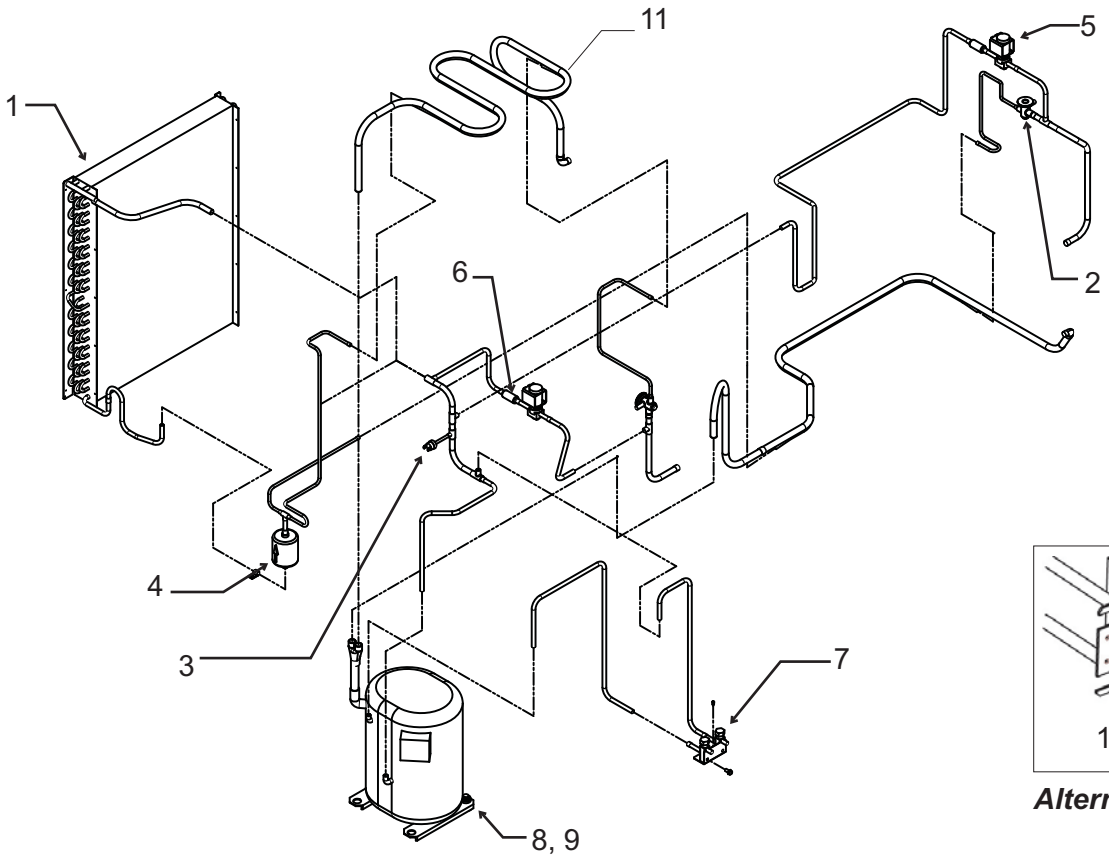
	small cube	medium cube
Right	A38628-023	A38628-024
Left	A38628-021	A38628-022

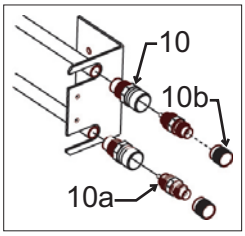
5	A38677-001	Back wall
6	A39031-021	Ice thickness sensor
7	02-4100-33	Curtain
8L	11-0563-06	Curtain switch, left
8R	11-0563-03	Curtain switch, right
9	11-0563-02	Curtain switch magnet
10	13-0943-01	Gasket tape
11	03-3868-01	Screw

Note: Item 7 includes item 9, shipped loose.

C1448, C1848, C2148 Service Parts

Air Cooled Refrigeration System





Alternate Access Valve

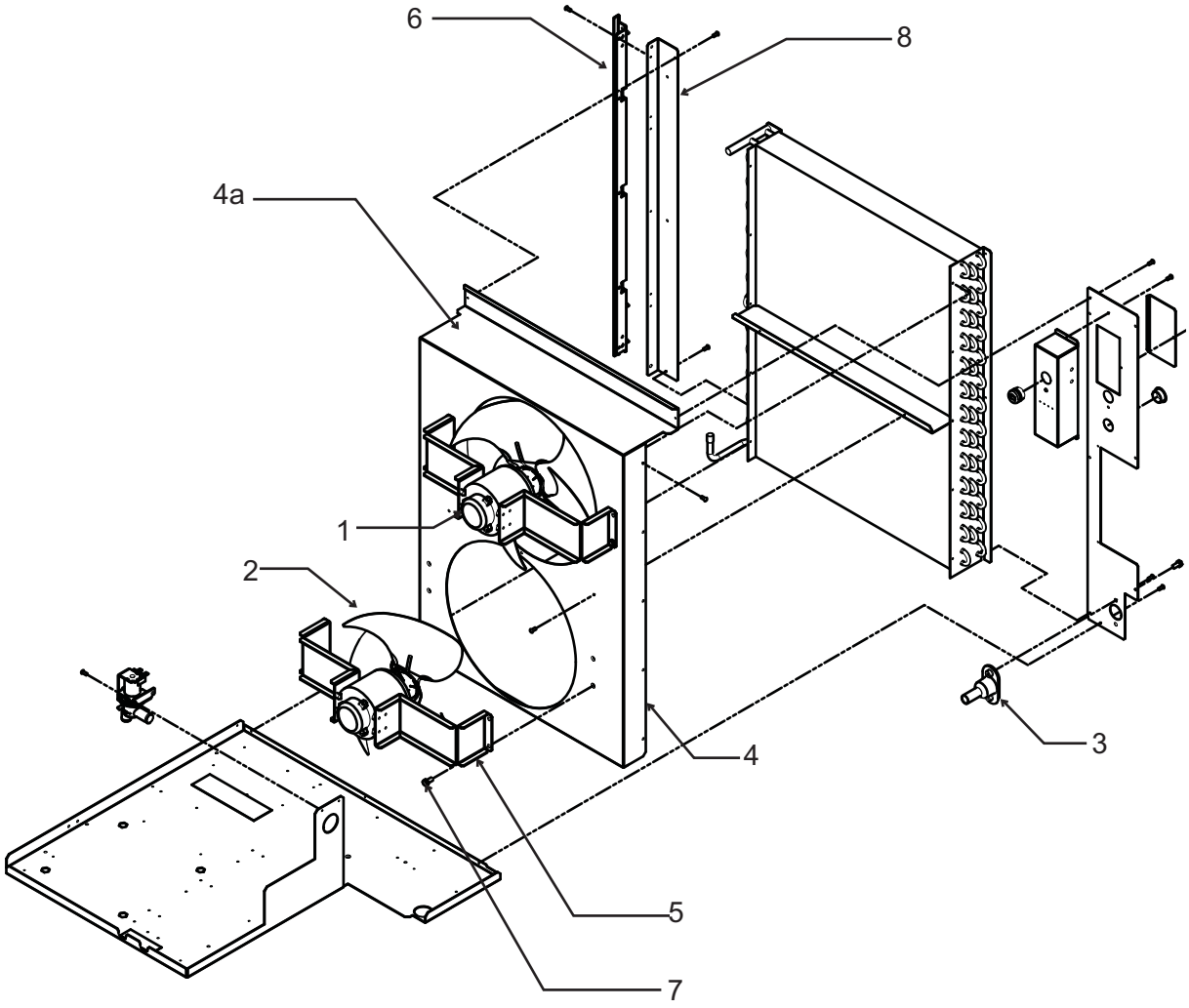
Item Number	Part Number	Description
1	18-8892-01	Condenser, AC
2	16-1130-01	TXV
	02-4045-01	Insulation Danfoss TXV
3	11-0566-22	Fan cycle pressure sw.
4	02-3319-02	Dryer
5	11-0493-01	Hot gas valve, 230 volt
	12-2719-22	230 volt coil
	12-2733-30	HGV rebuild kit
6	16-1063-01	Strainer
7	16-0832-20	Access valve
	16-0832-03	Port cap
	16-0832-02	Stem cap
8	see page 10	Compressors
9	see page 10	Compressor mounting hdw

Alternate Access Valve, use began 4/08

10	16-1137-01	Valve body
10a	16-1139-01	Core
10b	16-1140-01	Cap
11	A38736-001	Left suction line heat ex

C1448, C1848, C2148 Service Parts

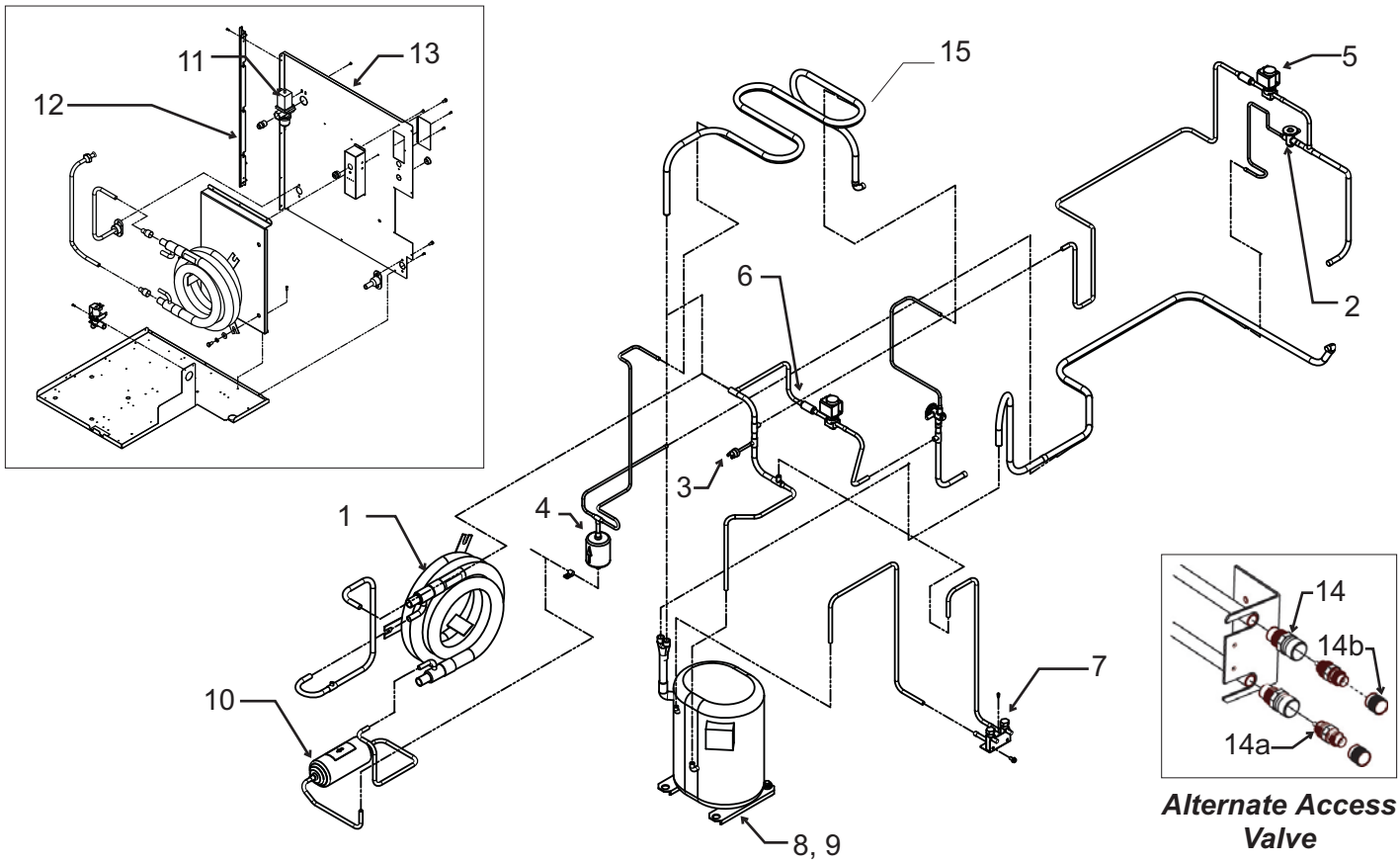
Air Cooled Mechanical & Electrical



Item Number	Part Number	Description
1	18-8927-01	Fan motor
2	18-8882-01	Fan blade
3	02-3692-21	Drain adapter - also for WC and RC
4	A38682-001	Fan shroud - A Series
	A39630-001	Fan shroud - B Series
4a	A39631-001	Fan shroud top - B series only
5	A38554-001	Fan motor bracket
6	02-4067-04	Side panel support - AC
7	03-1645-01	Screw
8	A38741-001	AC bracket - A Series
	A39590-001	AC bracket - B Series

C1448, C1848, C2148 Service Parts

Water Cooled Refrigeration System

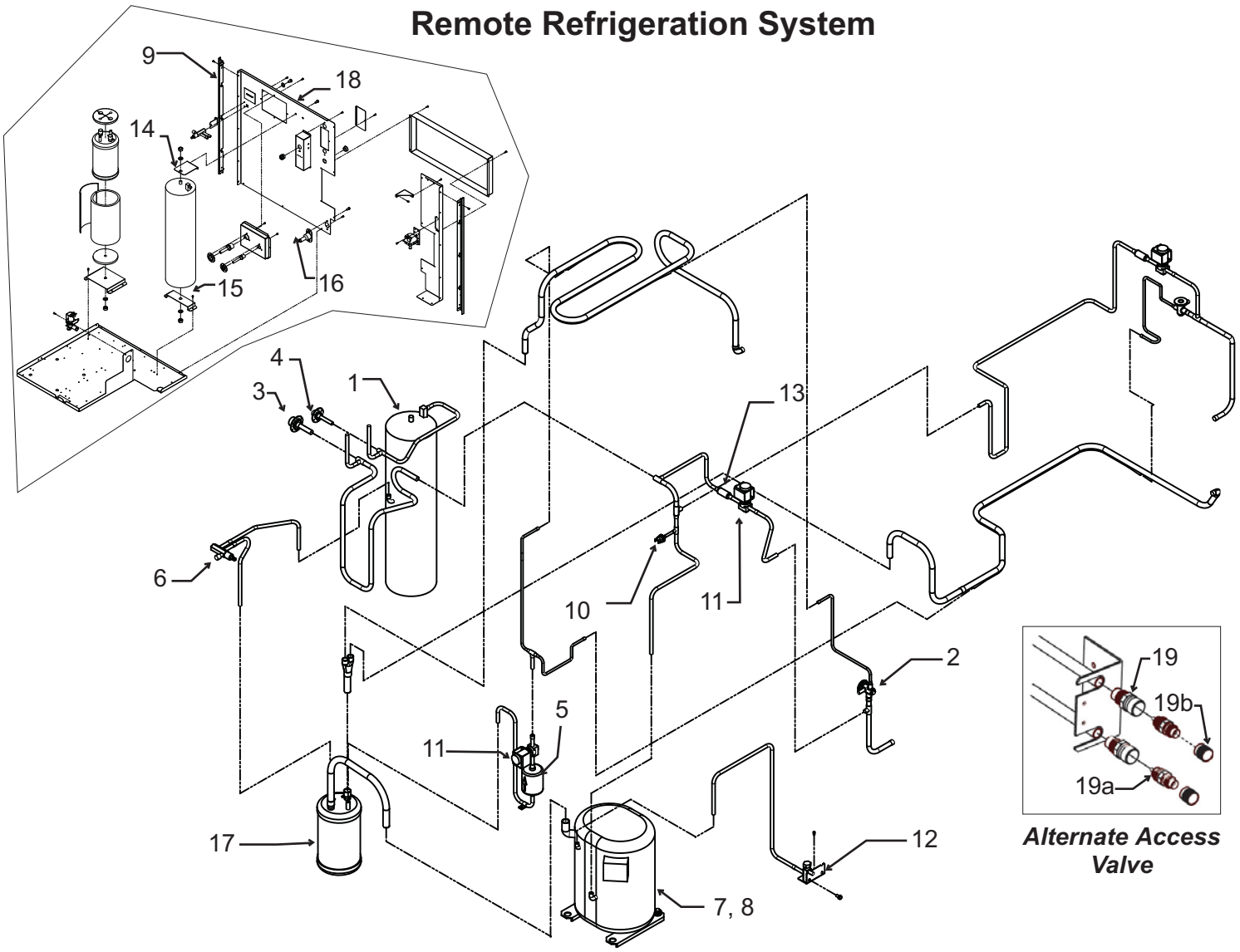


Alternate Access Valve

Item Number	Part Number	Description
1	18-8865-21	Condenser, WC C1448. C1848
	18-8931-21	Condenser, WC C2148
2	16-1130-01	TXV
	02-4045-01	insulation Danfoss TXV
3	11-0501-21	High pressure sw.
4	02-3319-02	Dryer
5	11-0493-01	Hot gas valve, 230 volt
	12-2719-22	230 volt coil
	12-2733-30	HGV rebuild kit
6	16-1063-01	Strainer
7	16-0832-20	Access valve
	16-0832-03	Port cap
	16-0832-02	Stem cap
8	see page 10	Compressors
9	see page 10	Compressor mounting hdw
10	02-2628-02	Receiver
11	11-0478-01	Water regulating valve, C1448W, C1848W
	11-0478-02	Water regulating valve C2148W
12	02-4067-03	Side support
13	A38606-001	Back panel, WC - A series
	A39574-001	Back panel, WC - B series
Alternate Access Valve, use began 4/08		
14	16-1137-01	Valve body
14a	16-1139-01	Core
14b	16-1140-01	Cap
15	A38736-001	Left suction line heat ex

C1448, C1848, C2148 Service Parts

Remote Refrigeration System

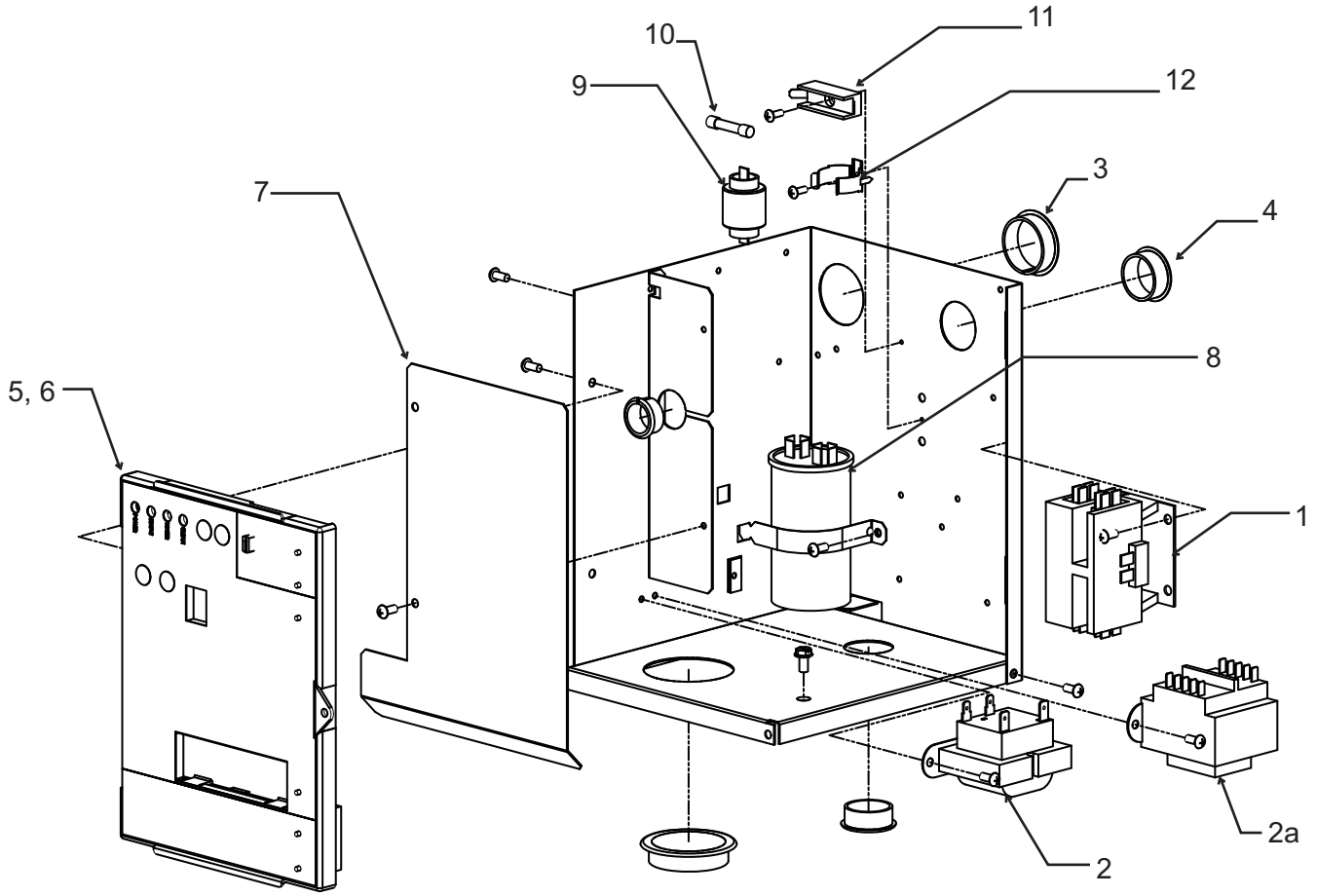


Alternate Access Valve

Item Number	Part Number	Description
1	16-1026-01	Receiver
2	16-1130-01	TXV
	02-4045-01	insulation Danfoss TXV
3	16-0850-01	Discharge quick connect
4	16-0850-03	Liquid quick connect
5	02-3319-02	Drier
6	16-1030-01	Liquid line access valve
7	see page 10	Compressors
8	see page 10	Compressor mounting hdw
8a	see page 10	Crankcase heater
9	02-4067-03	Side panel support,
10	11-0501-22	High pressure cut out
11	11-0493-01	Liquid line valve or HGV, 230 volt
12	16-0832-20	Access valve
	16-0832-03	Port cap
	16-0832-02	Stem cap
13	16-1063-01	Strainer
14	A37211-001	Top receiver bracket
15	A37212-001	Bottom receiver bracket
16	02-3692-21	Drain adapter
17	16-1122-21	Accumulator, kit w/insul
18	A38679-001	Back panel, rem - A series
	A39574-001	Back panel, rem - B series
Alternate Access Valve, use began 4/08		
19	16-1137-01	Valve body
19a	16-1139-01	Core
19b	16-1140-01	Cap

C1448, C1848, C2148 Service Parts

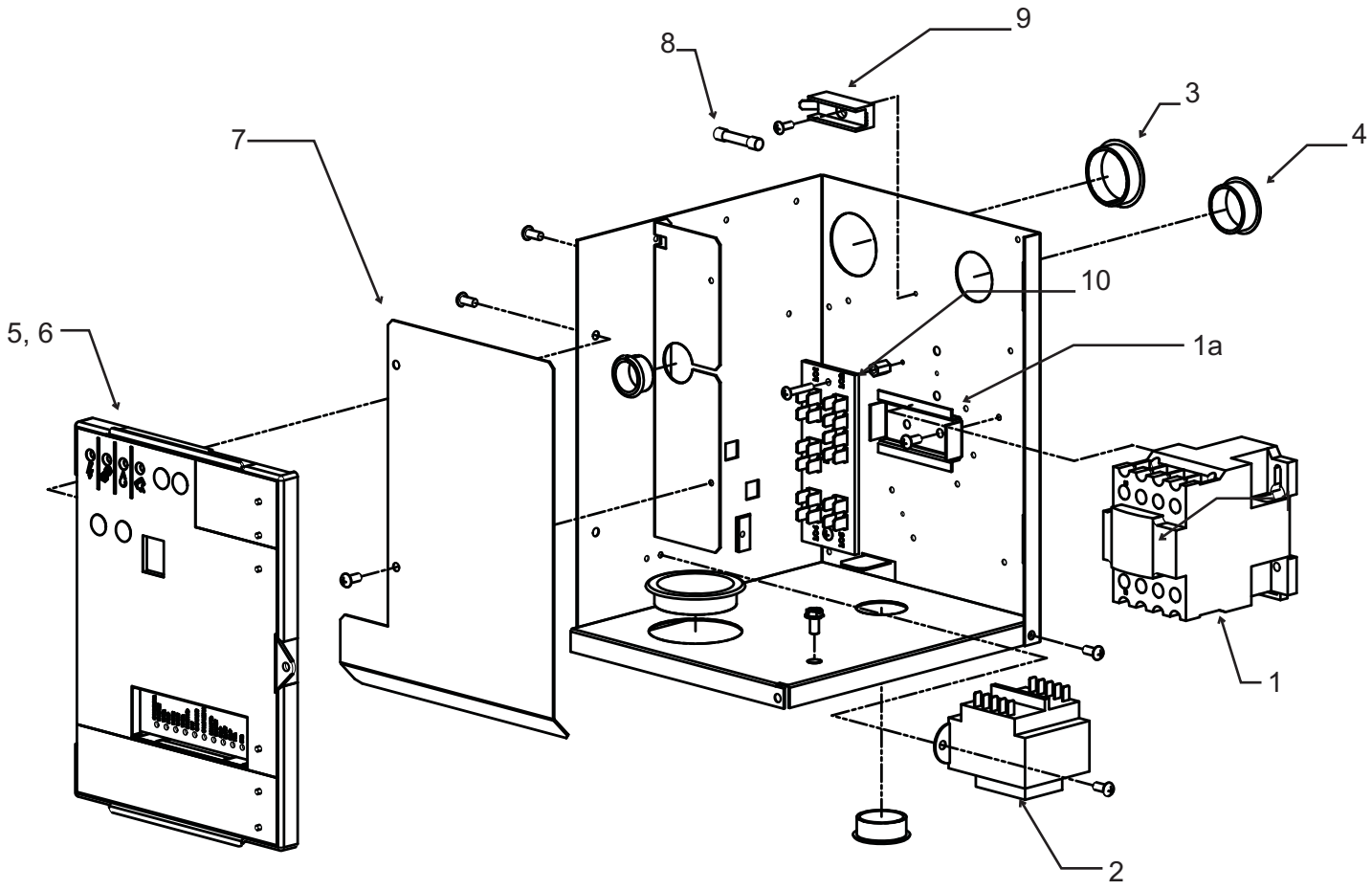
Electrical & Control Box - 3, -6, -32



Item Number	Part Number	Description
1	12-2469-02	Contactor, 230, single ph
	12-2533-02	Contactor, three phase
2	12-2924-02	Transformer, 230 volt
2a	12-2639-01	Transformer, 50 Hz
3	12-1213-11	Snap bushing
4	12-1213-15	Snap bushing
5	11-0550-27	Service controller, fits all Prodigy cubers
6	02-4076-01	Control box door
	02-4189-01	Overlay label
7	A39216-001	Barrier
8	see next page	Run capacitor
9	see next page	PTCR -
10	12-2686-01	Fuse, 50 Hz only
11	12-2687-01	Fuse holder
12	18-8840-02	Bracket
Wiring Harnesses (not illustrated)		
13	12-2931-01	Power harness, A & W
	12-2931-02	Power harness, Remote
Power harness connects to J1 on controller		
14	12-2937-01	Hi voltage harness, A & W
	12-2938-01	Hi voltage harness, Rem
	12-2944-01	Hi voltage, 50 Hz A & W
	12-2944-02	Hi voltage, 50 Hz, Rem
Hi voltage harness has the 8 pin connector		
15	12-2928-02	Water level sensor harness

C1448, C1848, C2148 Service Parts

Electrical & Control Box, 400 volt, 50 Hz. 3 phase w/neutral (-63)



Item Number	Part Number	Description
1	12-3010-01	Contactor, 400 v 3 ph.
1a	A39511-001	Bracket
2	12-2639-01	Transformer, 50 Hz
3	12-1213-11	Snap bushing
4	12-1213-15	Snap bushing
5	11-0550-27	Service controller, fits all Prodigy cubers
6	02-4076-01	Control box door
	02-4189-01	Overlay label
7	A39216-001	Barrier
8	12-2686-01	Fuse, 50 Hz only
9	12-2687-01	Fuse holder
10	A25981-001	Terminal board

Wiring Harnesses (not illustrated)

11	12-2944-02	Hi voltage, 50 Hz, Rem
Hi voltage harness has the 8 pin connector		
12	12-2928-02	Water level sensor harness

C1448, C1848, C2148 Service Parts

Compressors

Model	Electrical	Compressor	Run Capacitor	PTCR
C1448-32	208-230/60/1	18-8749-22	18-1902-55	18-8840-01
C1448-6	230/50	18-8749-27	18-1902-55	18-8840-01
C1448-3	208-230/60/3	18-8749-24	-	-
C1848-32	208-230/60/1	18-8751-23	18-1902-56	18-8840-01
C1448-63	230/380-420/50/3	18-8749-11	-	-
C1848-6	230/50	18-8751-27	18-1902-56	18-8840-01
C1848-3	208-230/60/3	18-8751-25	-	-
C2148-32 - WC	208-230/60/1	18-8930-24	18-1902-27	18-8840-01
C2148-6 - WC	230/50	18-8930-26	18-1902-59	18-8840-01
C2148-3 - WC	208-230/60/3	18-8930-25	-	-
C2148-32 - RC	208-230/60/1	18-8923-22	18-1902-27	18-8840-01
C2148-6 - RC	230/50	18-8923-26	18-1902-59	18-8840-01
C2148-3 - RC	208-230/60/3	18-8923-23	-	-

Compressor Mounting Hardware

Model	Bolt	Washer	Grommet	Sleeve
C1448, C1848	03-1420-20	03-1407-07	18-2300-27	18-2300-26
C2148	03-1405-20	03-1407-07	18-2300-27	18-2300-26

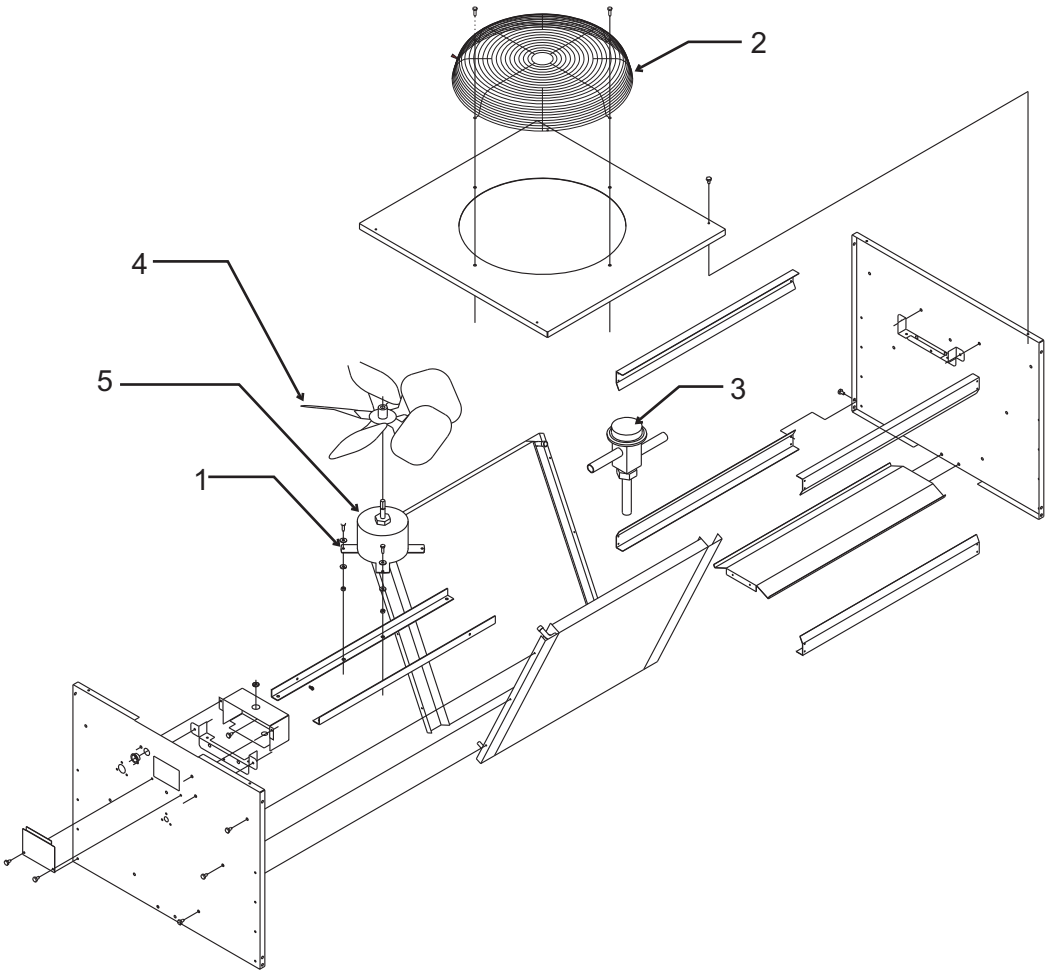
Crankcase Heaters

Model	Crankcase heater*
C1448R, C1848R, C2148R	18-2308-01

* Included with replacement compressor

C1448, C1848, C2148 Service Parts

Remote Condenser, ERC311 and ERC611



Item Number	Part Number	Description
1	03-1405-08	Screw
2	02-3575-01	Fan guard
3	11-0422-22	Headmaster
4	18-8816-01	Fan blade - ERC311
	18-8820-01	Fan blade - ERC611
5	12-2651-01	Fan motor - ERC311
	12-2717-01	Fan motor - ERC611
Not Shown:		
	A37169-001	Leg
	A37170-001	Leg brace - ECR311
	A37296-001	Leg brace - ERC611
	03-1645-01	Screw for legs
	16-0850-01	Quick connect, discharge
	16-0850-03	Quick connect, liquid