C0330, C0530, C0630, C0830, C1030 Service Parts

This part list contains the service parts for the air cooled, water cooled and remote air cooled C0330, C0530, C0630, C0830, C1030 ice machines.

There was a change to panels and the C0530 air cooled condenser in late 2009. Those are designated as B series units.

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

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

Table of Contents

Cabinet - C0330, C0530, C0630 - A Series . . . . . Page 2

Cabinet - C0330, C0530, C0630 - B Series . . . . . Page 3

Cabinet - C0830, C1030 - A Series . . . . . Page 4

Cabinet - C0830, C1030 - B Series . . . . . Page 5

Interior Parts . . . . . Page 6

Evaporator Compartment . . . . . Page 7

Air Cooled Refrigeration System . . . . . Page 8

Air Cooled Mechanical & Electrical - C0330 . . . . . Page 9

Air Cooled Mechanical & Electrical - C0530, C0630, C0830, C1030 . . . . . Page 10

Water Cooled Refrigeration System . . . . . Page 11

Remote Refrigeration System . . . . . Page 12

Electrical & Control Box . . . . . Page 13

Compressors . . . . . Page 14

Compressor Mounting Hardware . . . . . Page 14

Crankcase Heaters . . . . . Page 14

Remote Condenser, ERC111, ERC211, and ERC311 . . . . . Page 15

Scotsman

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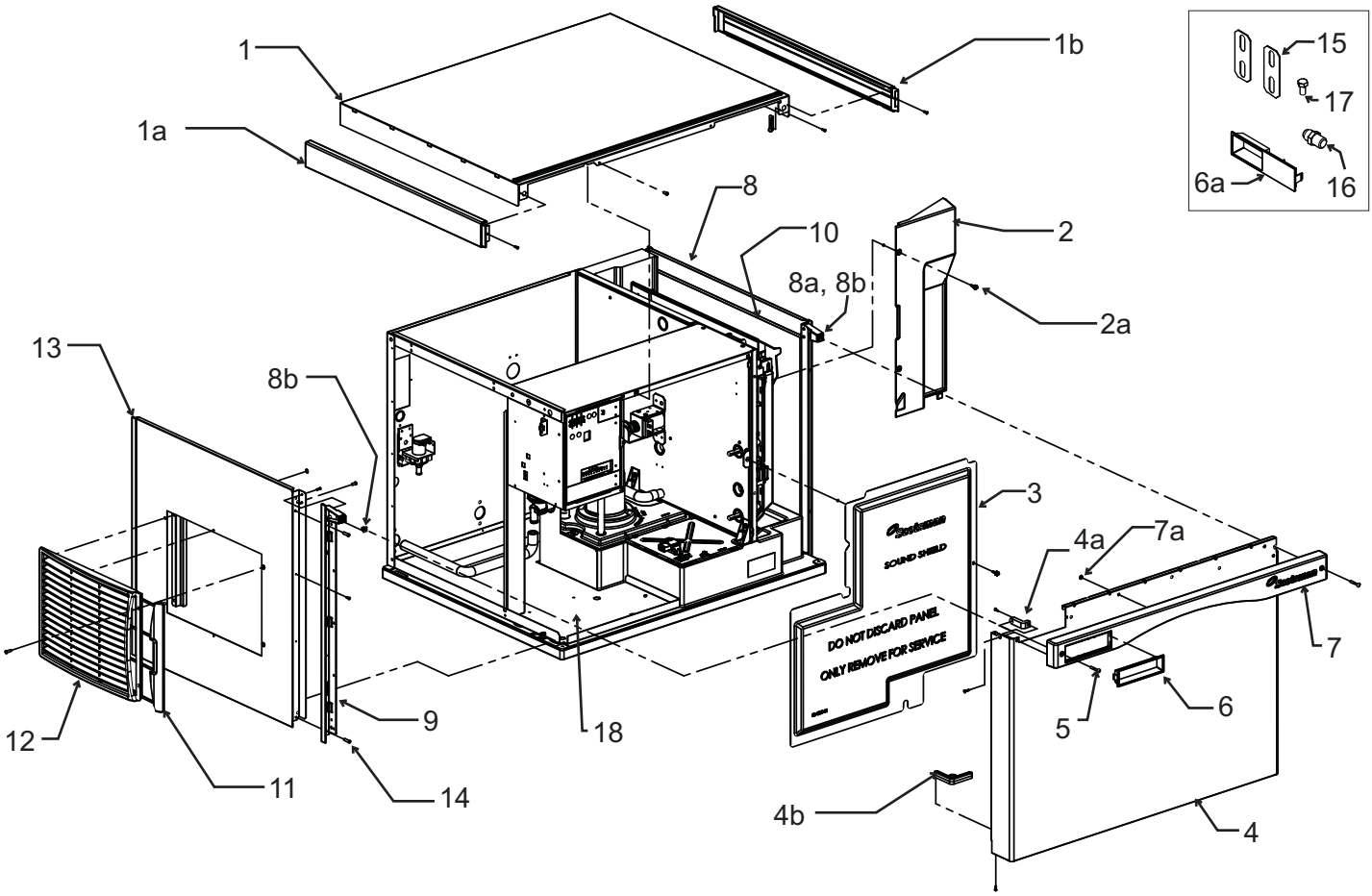
17-3140-02

C0330, C0530, C0630, C0830, C1030 Service Parts

Cabinet - C0330, C0530, C0630 - A Series

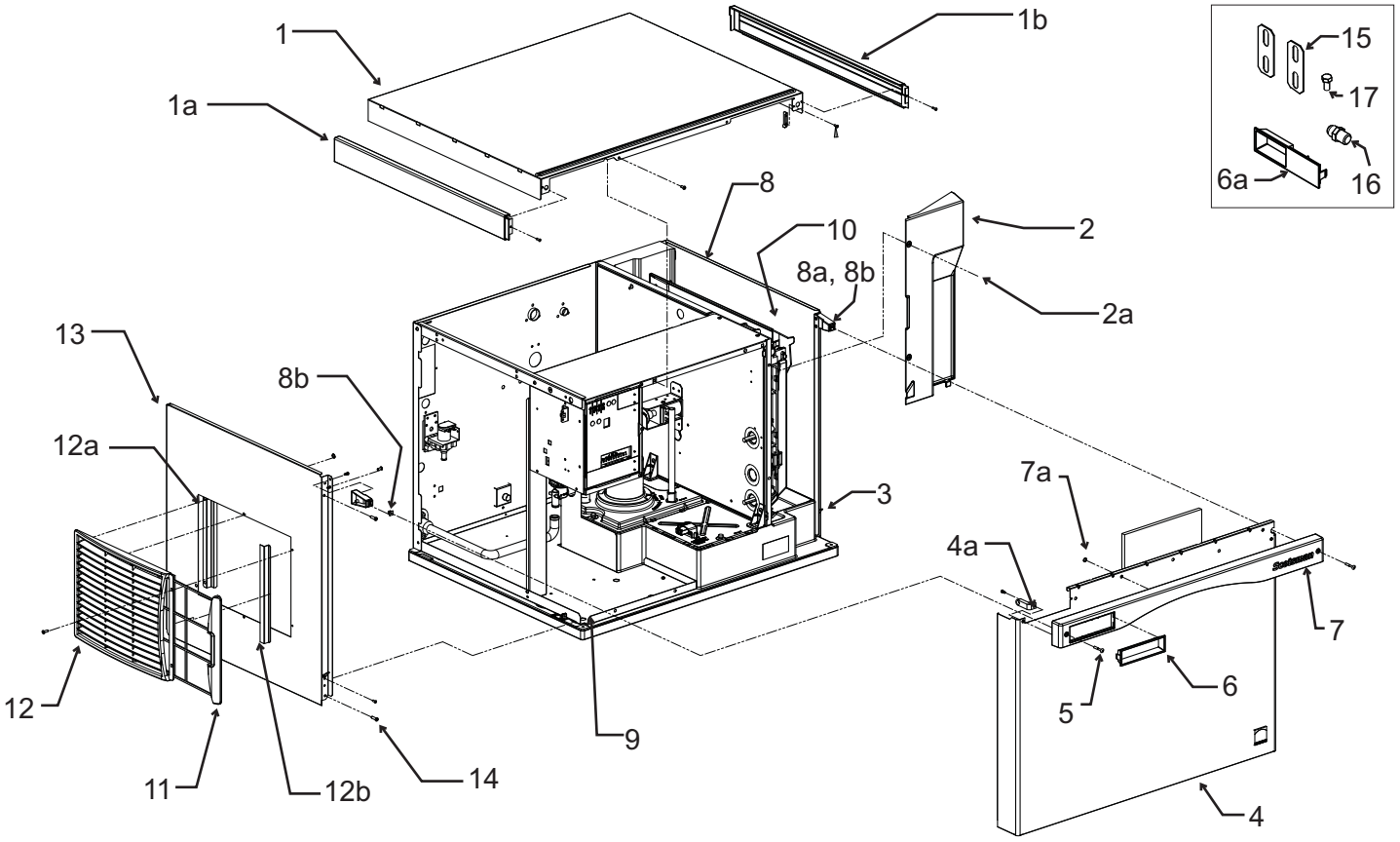


Item Number	Part Number	Description
1*	A38941-022	Top panel, w/trim strips
1a	02-4221-01	Left trim strip
1b	02-4221-02	Right trim strip
2	02-4240-01	Evaporator cover
2a	03-0727-05	Screw
3	02-4218-01	Sound shield - use discontinued late 2008
4*	A38552-022	Front panel assembly, includes trim strip, gussets 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
7a	03-1731-02	Push nut
8*	A38553-021	Right side panel assy
8a	02-4215-01	Receptacle
8b	03-3804-01	Screw receptacle
9	02-4067-01	Side panel support for water cooled and remote models
	02-4067-02	Side panel support for air cooled models
10	02-4336-01	Right side panel liner
11	02-4212-01	Air filter
12	02-4224-01	Louver panel
12a	A39222-001	Filter guide
12b	A39238-001	Louver bracket
13*	A38551-021	Left side panel, AC
	A38551-022	Left side panel WC, RC
14	03-1404-12	Screw
15	A30911-015	Machine straps
16	16-0355-00	Inlet water fitting, flare
17	03-1405-15	Screw
18	A38608-001	Compressor deck

*Note: All panels supplied complete as used on unit

C0330, C0530, C0630, C0830, C1030 Service Parts

Cabinet - C0330, C0530, C0630 - B Series

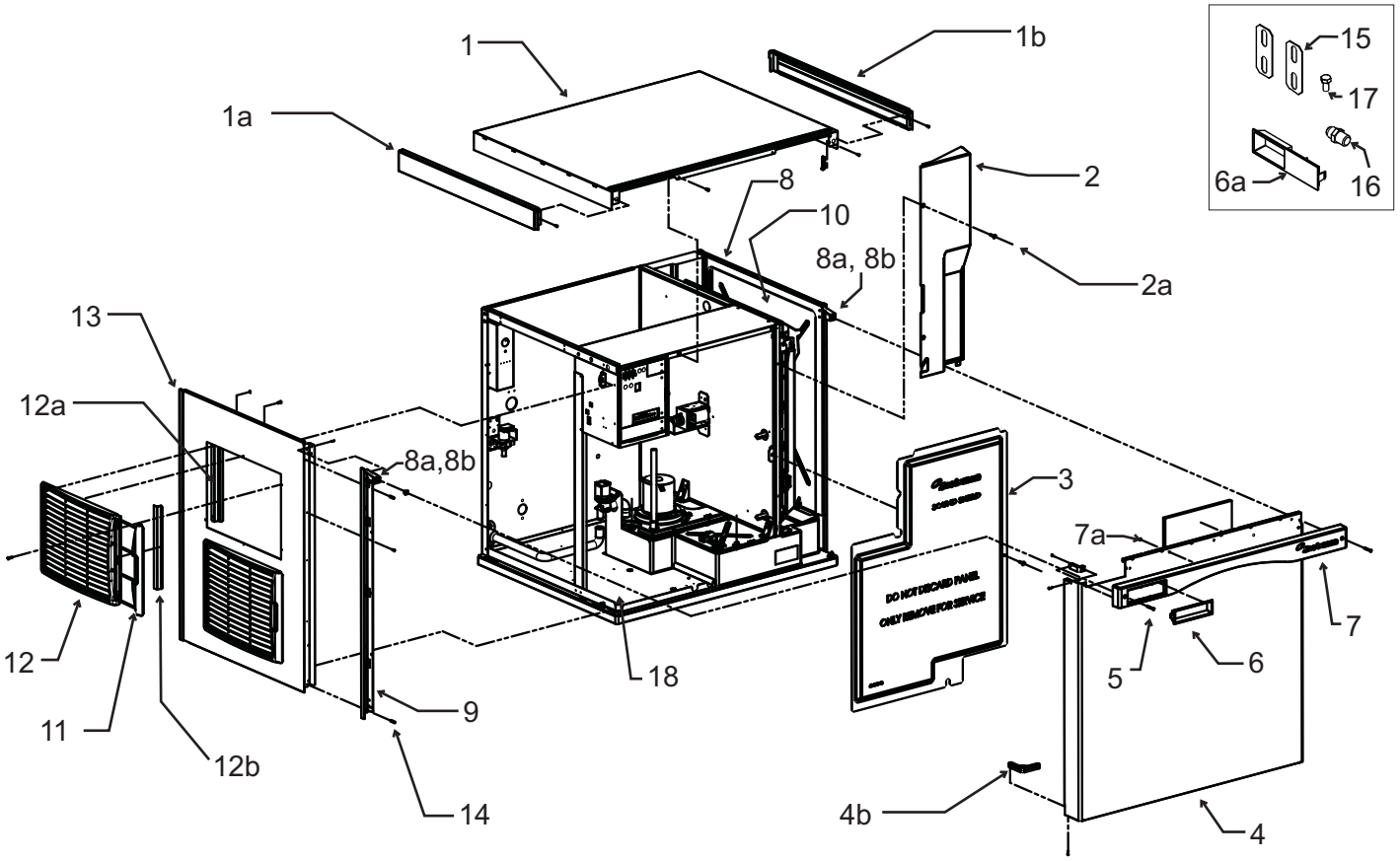


Item Number	Part Number	Description
1*	A39579-022	Top panel, w/trim strips
1a	02-4221-01	Left trim strip
1b	02-4221-02	Right trim strip
2	02-4240-01	Evaporator cover
2a	03-0727-05	Screw
3	A39571-001	Side panel clip
4*	A39578-022	Front panel assembly, includes trim strip, gussets and labels.
4a	02-4216-01	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
7a	03-1731-02	Push nut
8*	A39581-021	Right side panel assy
8a	02-4215-01	Receptacle
8b	03-3804-01	Screw receptacle
9	A38608-001	Compressor deck
10	02-4336-01	Right side panel liner
11	02-4212-01	Air filter
12	02-4224-01	Louver panel
12a	A39222-001	Filter guide
12b	A39238-001	Louver bracket
13*	A39580-021	Left side panel, AC
	A39580-022	Left side panel WC, RC
14	03-1404-12	Screw
15	A30911-015	Machine straps
16	16-0355-00	Inlet water fitting, flare
17	03-1405-15	Screw

*Note: All panels supplied complete as used on unit

C0330, C0530, C0630, C0830, C1030 Service Parts

Cabinet - C0830, C1030 - A Series

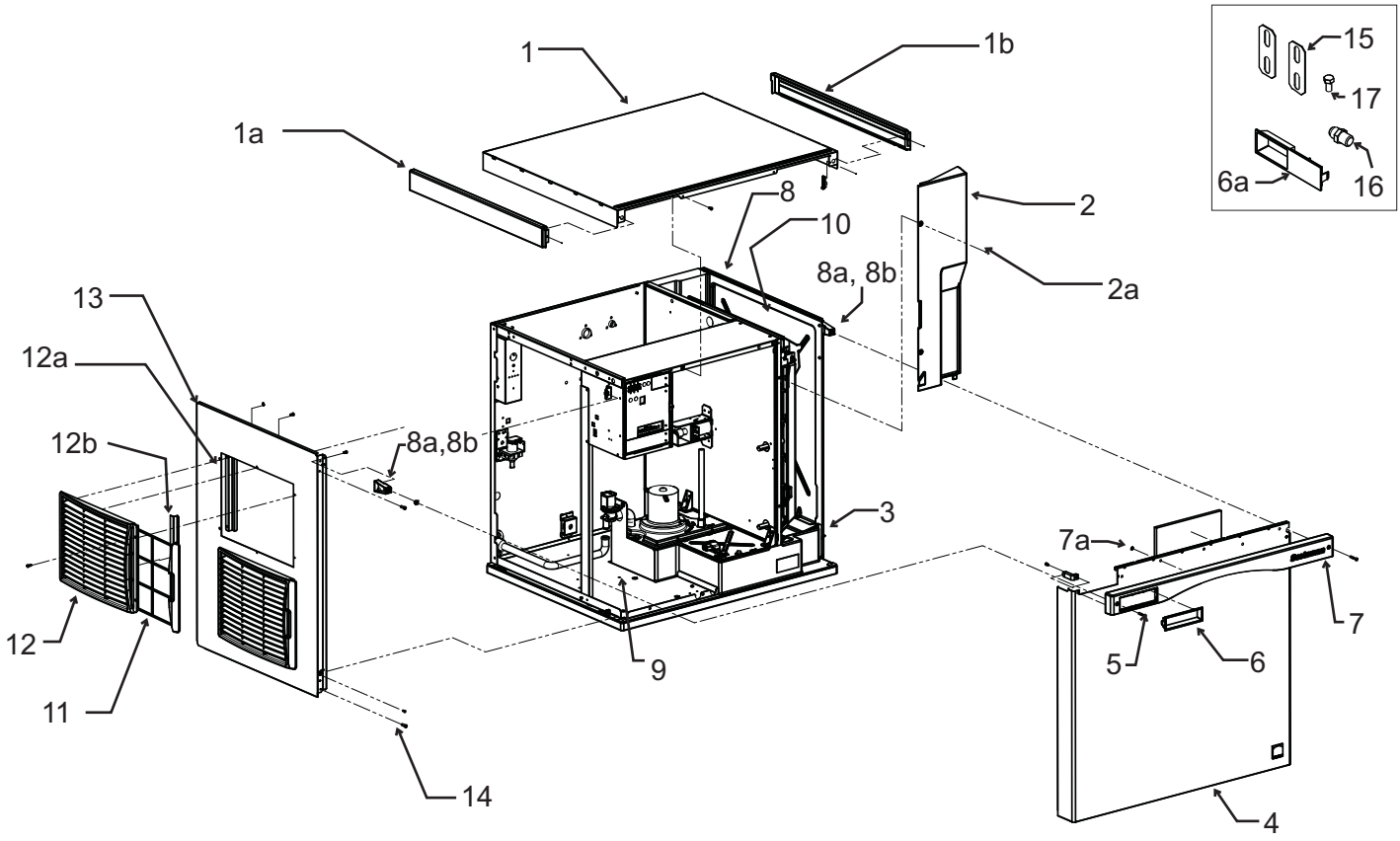


Item Number	Part Number	Description
1*	A38941-022	Top panel, w/trim strips
1a	02-4221-01	Left trim strip
1b	02-4221-02	Right trim strip
2	02-4240-02	Evaporator cover
2a	03-0727-05	Screw
3	02-4218-02	Sound shield - use discontinued late 2008
4*	A38552-023	Front panel assembly, includes trim strip, gussets 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
	03-1731-02	Push nut
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 for water cooled and remote models
	02-4067-04	Side panel support for air cooled models
10	02-4336-02	Right side panel liner
11	02-4212-01	Air filter
12	02-4224-01	Louver panel
12a	A39222-001	Filter guide
12b	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	03-1405-15	Screw
18	A38611-001	Compressor deck

*Note: All panels supplied complete as used on unit.

C0330, C0530, C0630, C0830, C1030 Service Parts

Cabinet - C0830, C1030 - B Series

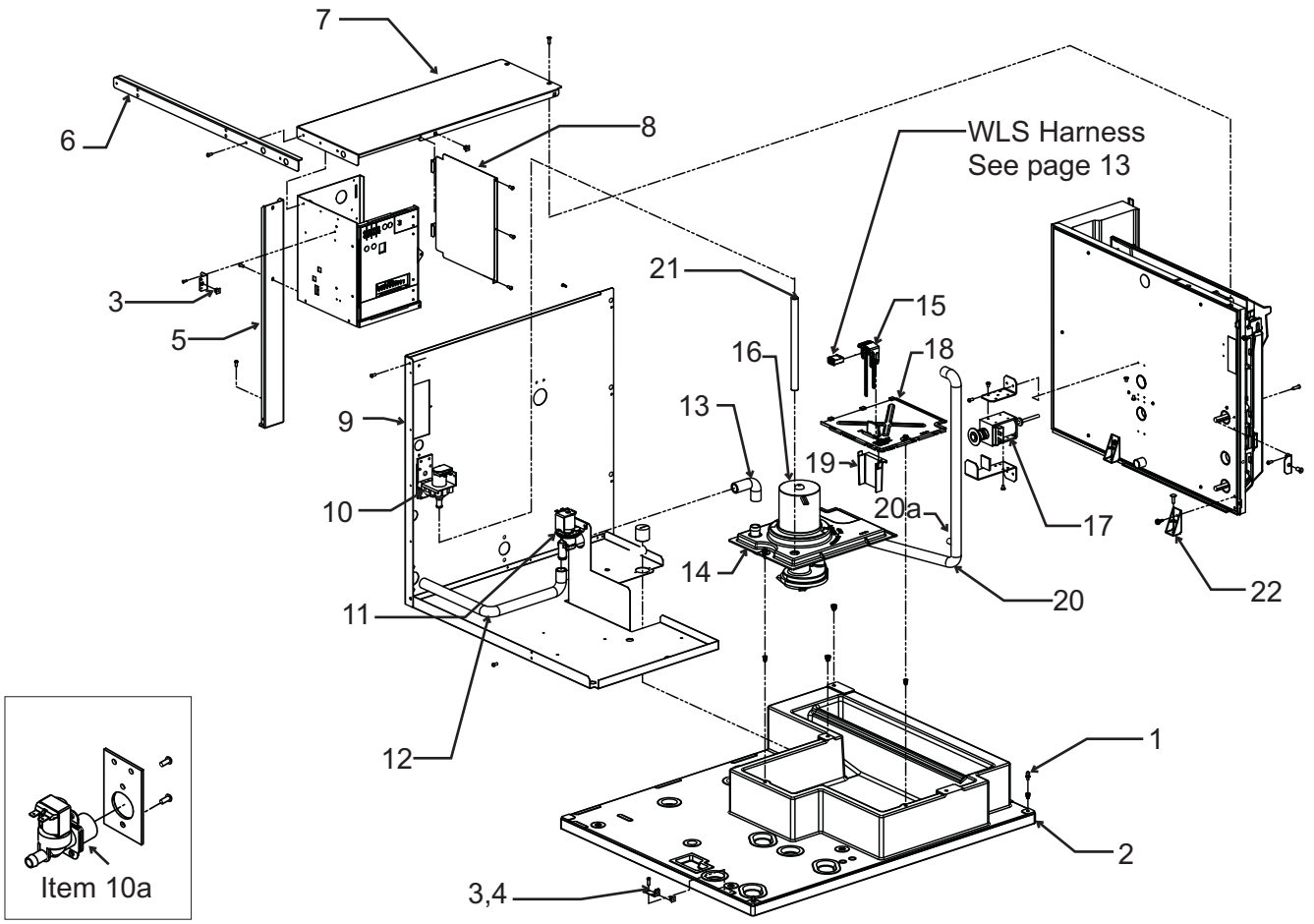


Item Number	Part Number	Description
1*	A39579-022	Top panel, w/trim strips
1a	02-4221-01	Left trim strip
1b	02-4221-02	Right trim strip
2	02-4240-02	Evaporator cover
2a	03-0727-05	Screw
3	A39571-001	Side panel clip
4*	A39578-023	Front panel assembly, includes trim strip, gussets and labels.
4a	02-4216-01	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
	03-1731-02	Push nut
8*	A39581-022	Right side panel assy
8a	02-4215-01	Receptacle
8b	03-3804-01	Screw receptacle
9	A38611-001	Compressor deck
10	02-4336-02	Right side panel liner
11	02-4212-01	Air filter
12	02-4224-01	Louver panel
12a	A39222-001	Filter guide
12b	A39238-001	Louver bracket
13*	A39580-023	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	03-1405-15	Screw

*Note: All panels supplied complete as used on unit.

C0330, C0530, C0630, C0830, C1030 Service Parts

Interior Parts



Item Number	Part Number	Description
1	15-0411-00	Strike
2	A38589-002	Base, insulated
3	03-3804-01	Receptacle
4	A38732-001	Side panel mount
5	A38607-001	Strut, C0330-630
	A38629-001	Strut, C0830, C1030
6	A38582-001	Brace
7	A38539-002	Control box top
8	A38537-001	Control box side
9	see pages 7, 9 and 10 for back panels	
10	12-2922-01	Inlet water sol vlv, 115 volt
	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	11-0564-01	Purge valve, 115 volt
	11-0564-02	Purge valve, 230 volt
12	A38860-002	Drain tube
13	A38860-001	Drain hose
14	02-4164-01	Water pump bracket
15	A39030-021	Water level sensor

16 see table Water pumps

Pumps	115	208-230
C0330, C0530	12-2919-21	12-2919-22
C0630	-	12-2919-22
C0830, C1030	-	12-2920-23

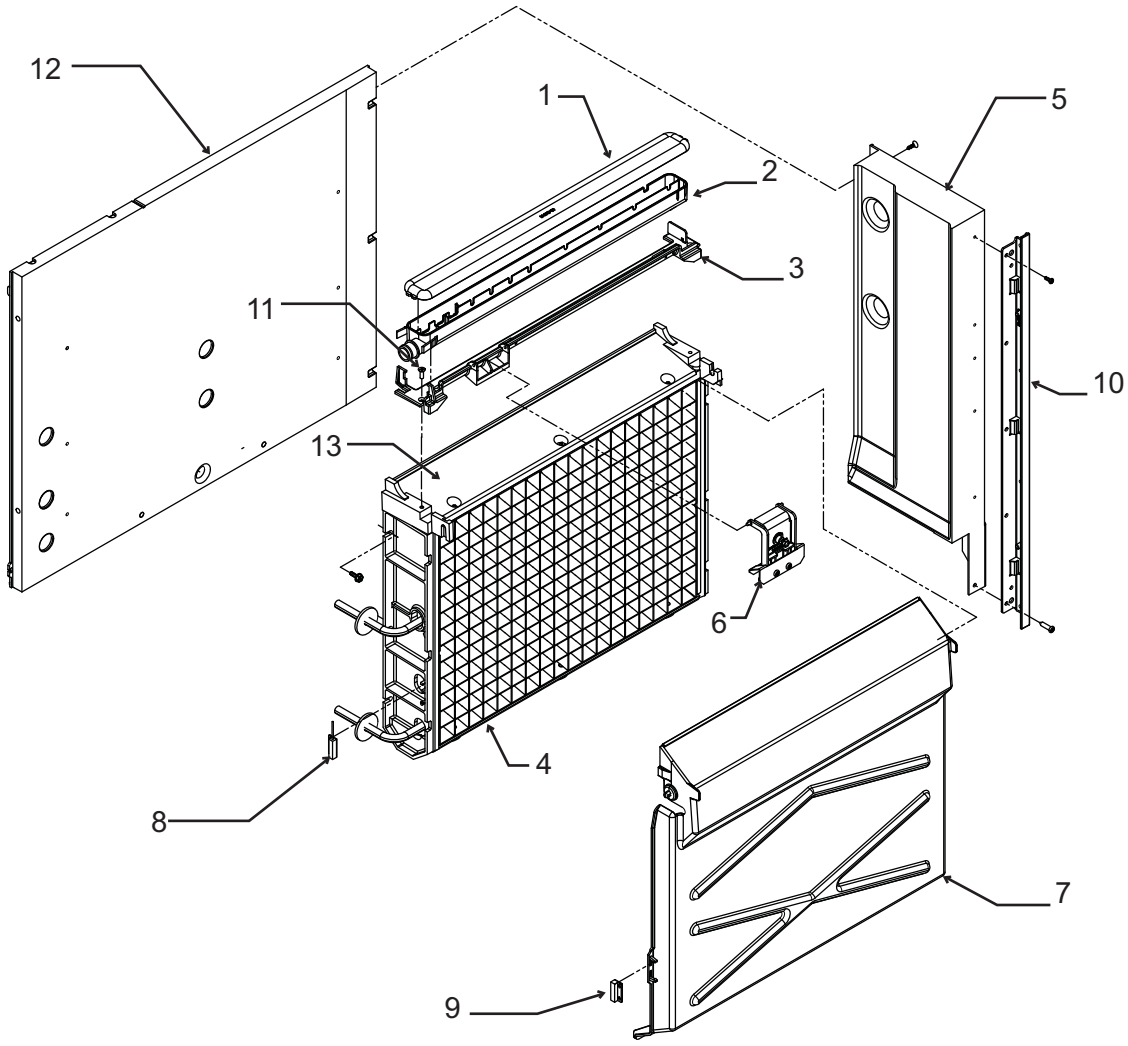
17 see table Harvest assist solenoid

Hvst. solenoids	115	208-230
C0330, C0530	12-3035-21	12-3035-22
C0630	-	12-3035-22
C0830, C1030	-	12-3036-22

18	02-4166-01	Reservoir cover
19	02-4332-01	Sensor cover
20	02-4154-03	Pump hose, C0830-C1030
	02-4154-02	Pump hose, C0530-C0630
	02-4154-01	Pump hose, C0330
20a	11-0515-21	Temp sensor set
21	13-0674-02	Fill hose order by ft
	15-0821-01	Fill hose, -6 CE models
22	02-4152-01	Gusset

C0330, C0530, C0630, C0830, C1030 Service Parts

Evaporator Compartment



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

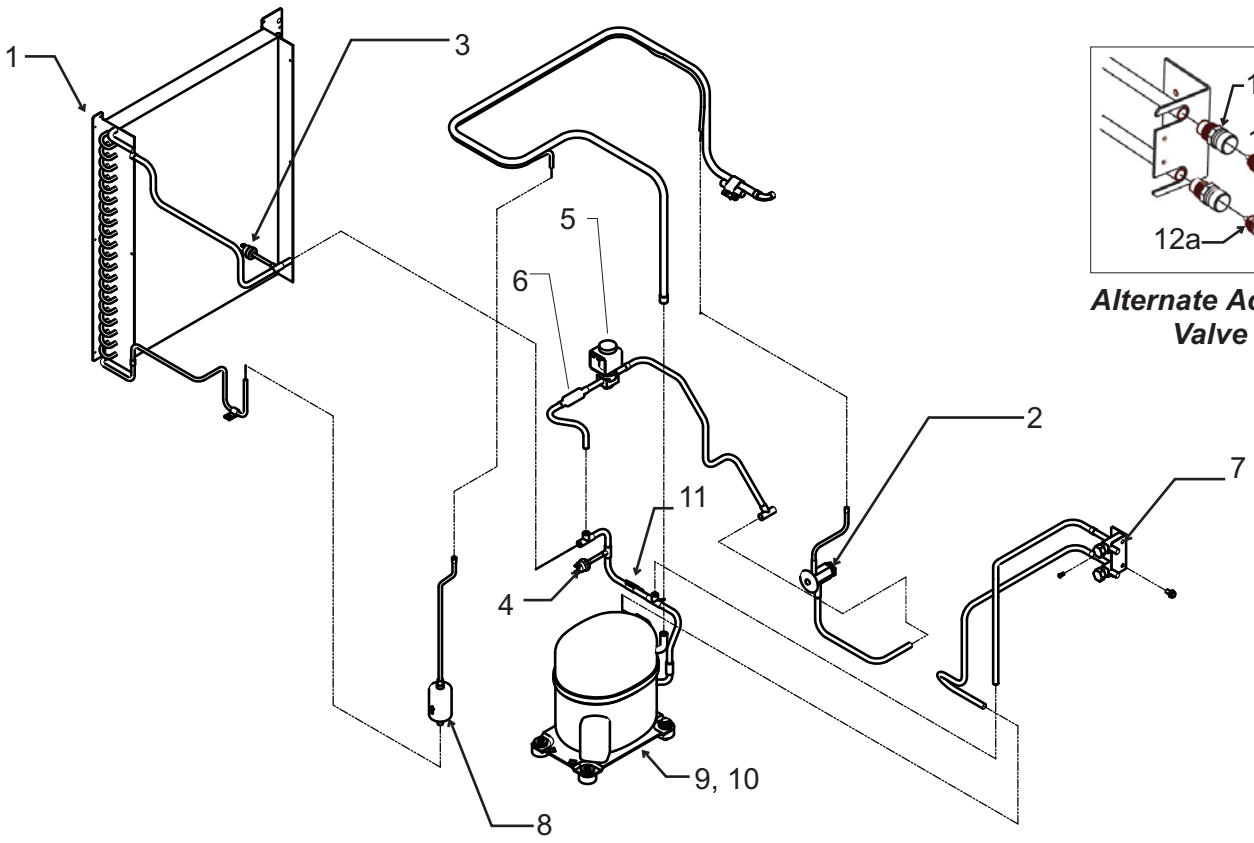
	small cube	medium cube
C0330	A38626-021	A38626-022
C0530, C0630	A38627-021	A38627-022
C0830, C1030	A38628-021	A38628-022

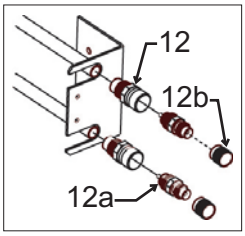
5	A38596-001	Back wall, C0330, C0530, C0630
	A38598-001	Back wall, C0803, C1030
6	A39031-021	Ice thickness sensor
7	02-4100-31	Curtain, C0330
	02-4100-32	Curtain, C0530, C0630
	02-4100-33	Curtain, C0830, C1030
8	11-0563-01	Curtain switch
9	11-0563-02	Curtain switch magnet
10	02-4067-01	Side panel support C0330, C0530, C0630
	02-4067-03	Side panel support C0830, C1030
11	03-1418-30	Mounting screw
12	13-0943-01	Gasket tape
13	02-4156-21	Spillway replacement kit

Note: Item 7 includes item 9, shipped loose.

C0330, C0530, C0630, C0830, C1030 Service Parts

Air Cooled Refrigeration System



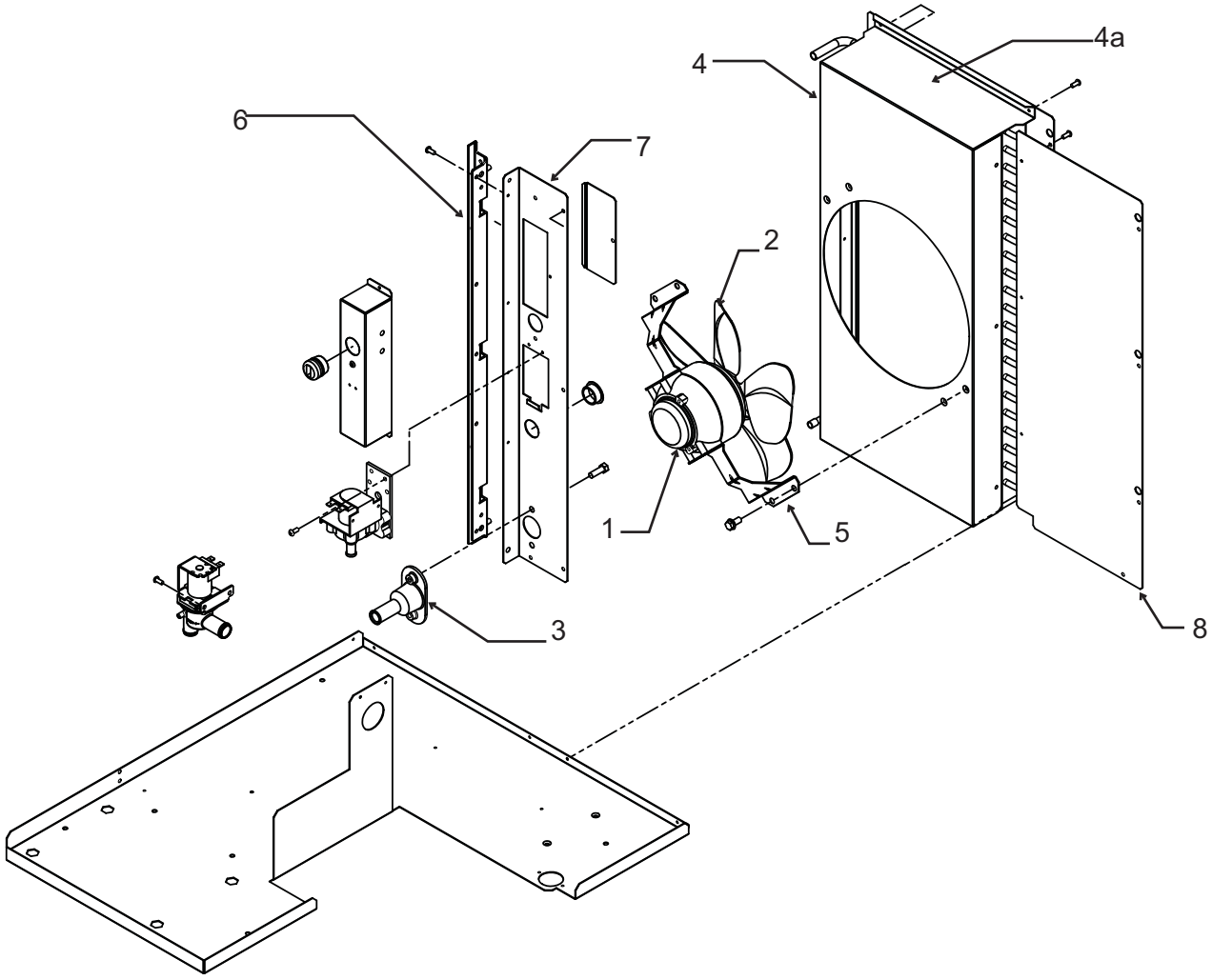


Alternate Access Valve

Item Number	Part Number	Description
1	18-8890-01	Condenser, AC, C0330
	18-8920-01	Cond, AC, C0530 - A series
	18-8935-01	Cond, AC, C0530 - B series
	18-8896-01	Condenser, AC, C0630
	18-8895-01	Condenser, AC, C0830, C1030
2	16-1117-21	TXV, C0530
	16-1117-22	TXV, C0630
	16-1117-23	TXV, C0330
	02-3792-01	Insulation for Alco TXV
	16-1142-01	TXV, C0830, C1030
	02-4045-01	insulation Danfoss TXV
3	11-0566-21	Fan cycle pressure sw.
4	11-0501-05	Hi pressure cut out, C0330, C0530 and C0630
5	11-0493-02	Hot gas valve, 115 volt
	12-2719-21	115 volt coil
	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	02-3319-01	Dryer C0330 thru C0630
	02-3319-02	Dryer, C0830 & C1030
9	see page 12	Compressors
10	see page 12	Compressor mounting hdw
11	11-0515-21	Temp sensor set
Use of alternate access valve began 4-08		
12	16-1137-01	Valve body
12a	16-1139-01	Core
12b	16-1140-01	Cap

C0330, C0530, C0630, C0830, C1030 Service Parts

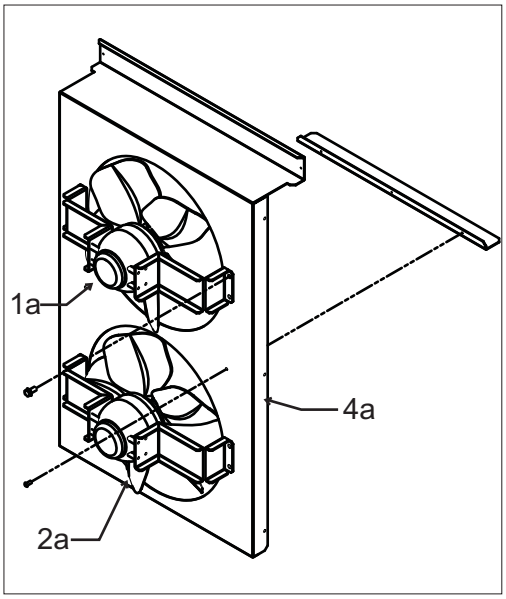
Air Cooled Mechanical & Electrical - C0330



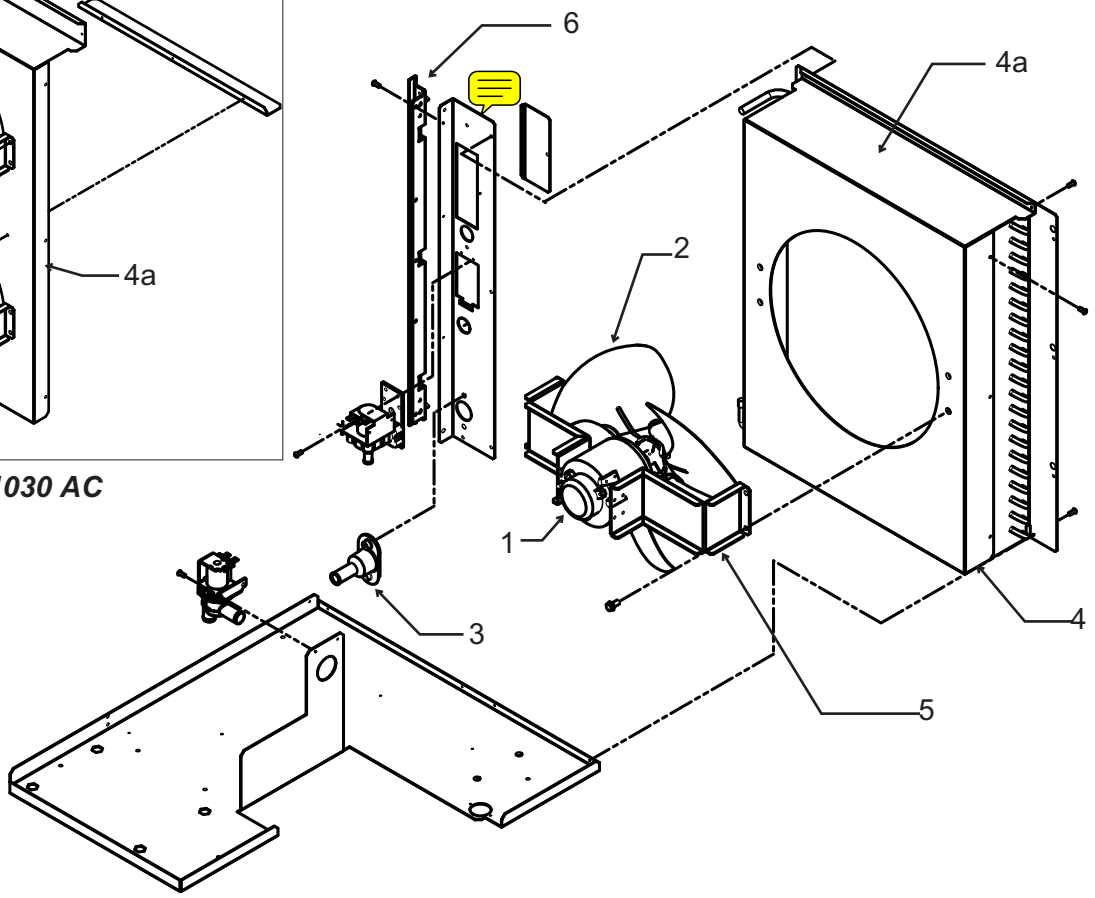
Item Number	Part Number	Description
1	12-1681-23	Fan motor, C0330, 115 volt
	12-1681-04	Fan motor, C0330, 230 volt
2	18-8836-01	Fan blade, C0330
3	02-3692-21	Drain adapter - also for WC and RC
4	A38841-001	Fan shroud, C0330 A Series
	A39350-001	Fan shroud, C0330 B Series
4a	A39593-001	Fan shroud top, B series
5	A38480-001	Fan motor bracket, C0330
6	02-4067-02	Side panel support, C0330, C0530, C0630
7	A38791-001	Utility channel, AC A series
	A39586-001	Utility channel, AC B series
8	A39606-001	Back panel, B series

C0330, C0530, C0630, C0830, C1030 Service Parts

Air Cooled Mechanical & Electrical - C0530, C0630, C0830, C1030



C1030 AC

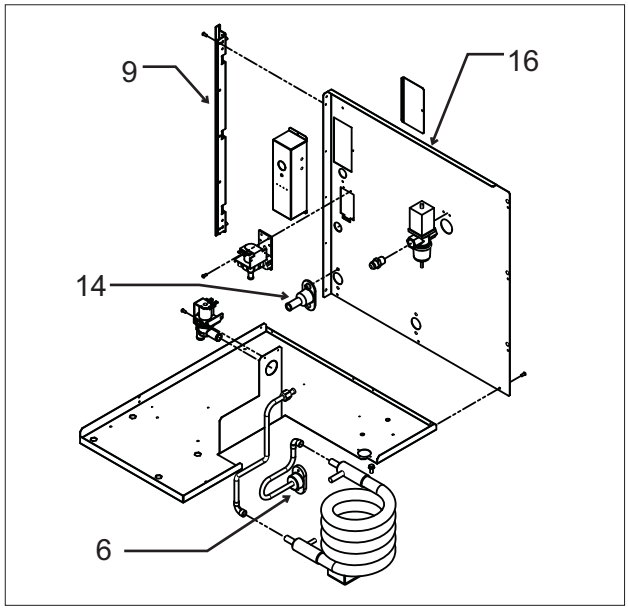


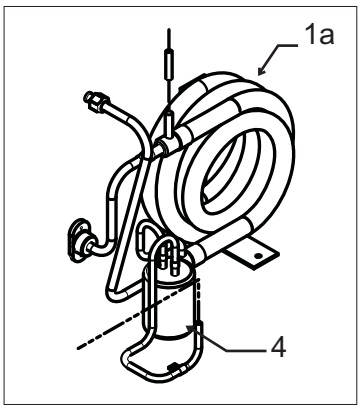
Item Number	Part Number	Description
1	18-8926-01	Fan motor, C0530 115 v
	18-8927-01	Fan motor, C0530 230 volt, C0630, C0830
1a	18-8899-01	Fan motor, C1030 60 Hz
	18-8899-06	Fan motor, C1030 50 Hz
2	18-8882-01	Fan blade, C0530/0630/0830
2a	18-8900-01	Fan blade, C1030
3	02-3692-21	Drain adapter - also for WC and RC
4	A38623-001	Fan shroud - C0530, C0630, C0830 - A series
	A39607-001	Fan shroud - C0530, C0630 - B series
	A38624-001	Fan shroud - C1030 A series
	A39603-001	Fan shroud - C0830 - B
	A39609-001	Fan shroud - C1030 - B
4a	A39608-001	Fan shroud top - C0530, C0630 - B series
	A39601-001	Shroud top, C0830 B series
	A39610-001	Shroud top, C1030 B series
5	A38554-001	Fan motor bracket, C0530, C0630, C0830
5a	A38655-001	Fan motor bracket, C1030
6*	02-4067-02	Side panel support, C0330, C0530, C0630
	02-4067-04	Side panel support, C0830, C1030

* A series only

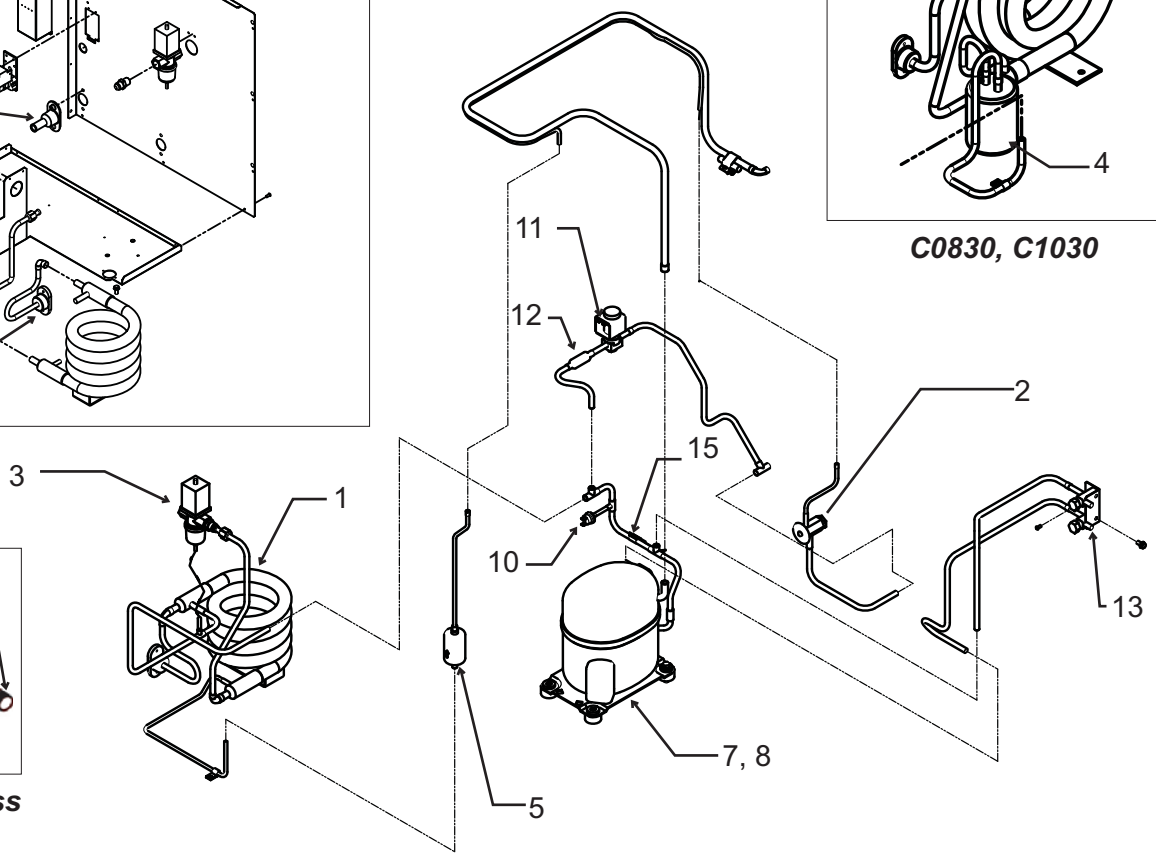
C0330, C0530, C0630, C0830, C1030 Service Parts

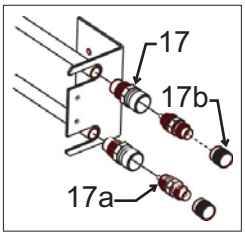
Water Cooled Refrigeration System





C0830, C1030



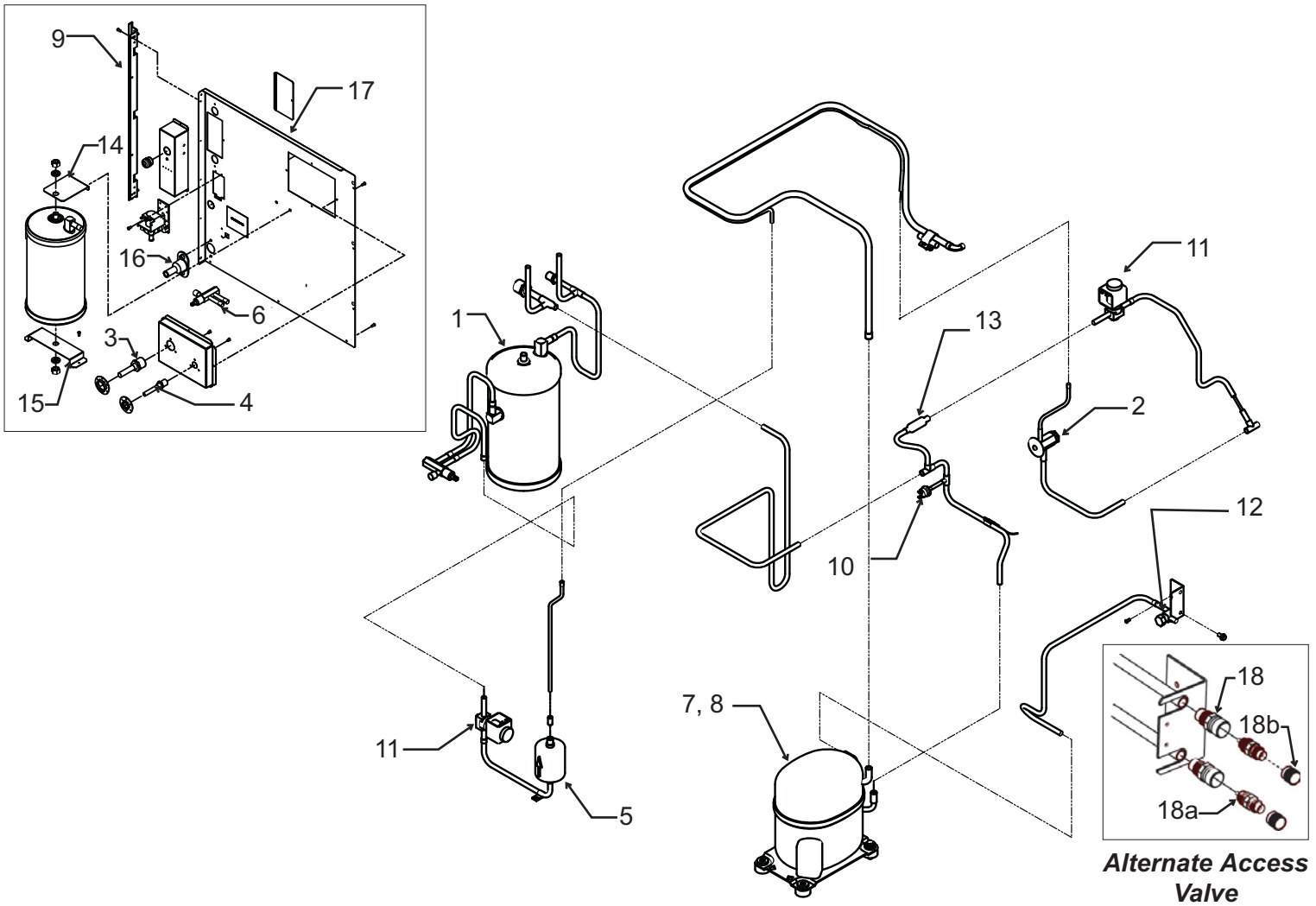


Alternate Access Valve

Item Number	Part Number	Description
1	18-8871-21	Condenser, WC, C0330, C0530, C0630, C0830
1a	18-8893-21	Condenser, WC, C1030
2	16-1117-21	TXV, C0530
	16-1117-22	TXV, C0630
	16-1117-23	TXV, C0330
	02-3792-01	Insulation for Alco TXV
	16-1142-01	TXV, C0830, C1030
	02-4045-01	insulation Danfoss TXV
3	11-0478-01	Water regulating valve
4	16-0874-01	Receiver, C0830, C1030
5	02-3319-01	Dryer, C0330 thru C0630
	02-3319-02	Dryer, C0830 - C1030
6	A31828-002	Condenser drain
7	see page 12	Compressors
8	see page 12	Compressor mounting hdw
9	02-4067-01	Side panel support, C0330, C0530, C0630 - A series only
	02-4067-04	Side panel support, C0830, C1030 - A series only
10	11-0501-21	High pressure cut out
11	11-0493-02	Hot gas valve, 115 volt
	11-0493-01	Hot gas valve, 230 volt
	12-2719-22	230 volt coil
	12-2733-30	HGV rebuild kit
12	16-1063-01	Strainer
13	16-0832-20	Access valve
	16-0832-03	Port cap
	16-0832-02	Stem cap
14	02-3692-21	Drain adapter
15	11-0515-21	Temp sensor set
16	A38634-001	Back pnl, WC - A Series 23"
	A38625-001	Back pnl, WC - A Series 29"
	A39561-001	Back pnl, WC - B series 23"
	A39573-001	Back pnl, WC - B Series 29"
17	16-1137-01	Valve body
17a	16-1139-01	Core
17b	16-1140-01	Cap

C0330, C0530, C0630, C0830, C1030 Service Parts

Remote Refrigeration System

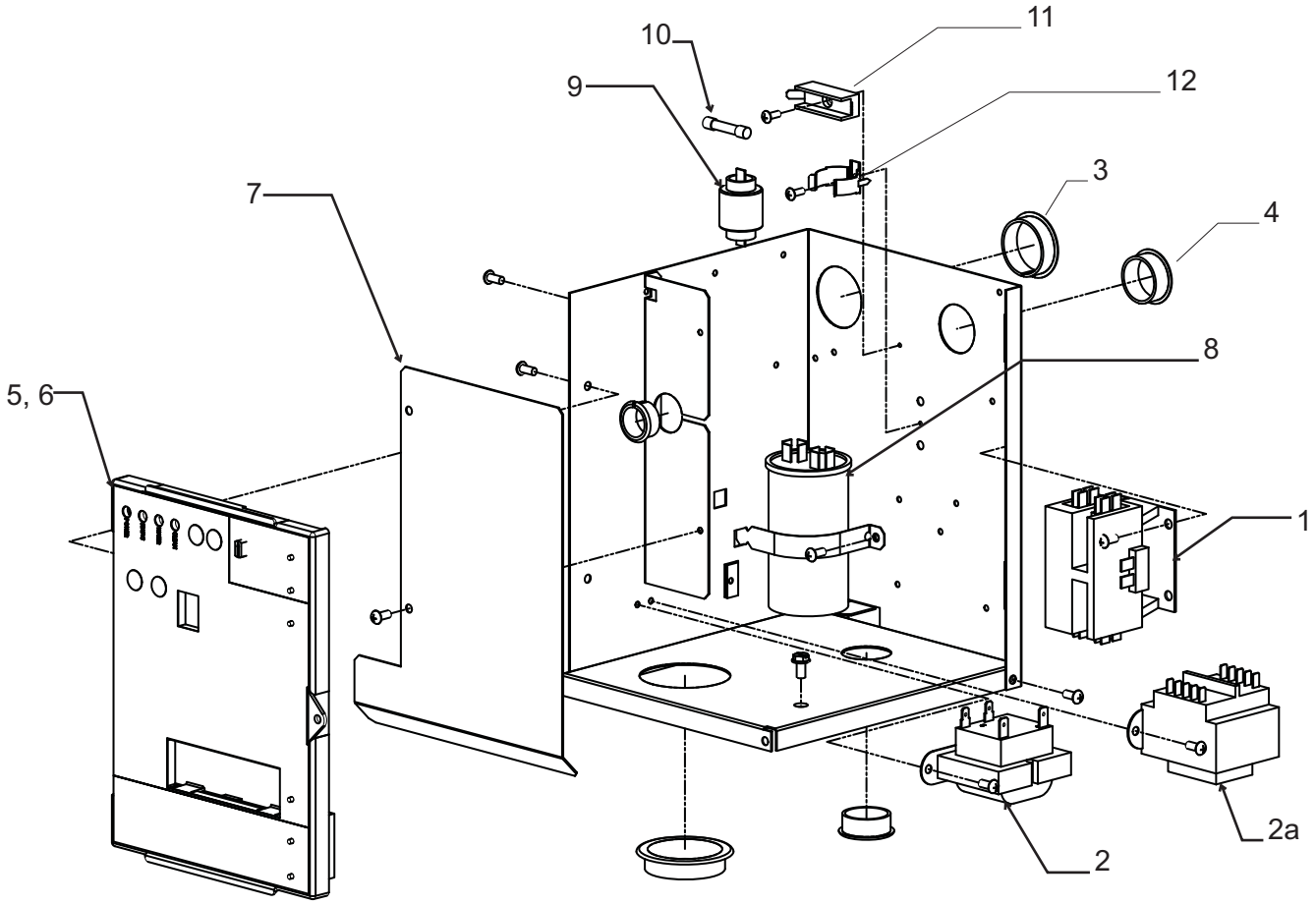


Alternate Access Valve

Item Number	Part Number	Description
1	16-1176-01	Receiver, C0530, C0630
	16-1175-01	Receiver, C0830, C1030
2	16-1117-21	TXV, C0530
	16-1117-22	TXV, C0630
	16-1117-23	TXV, C0330
	02-3792-01	Insulation for Alco TXV
	16-1142-01	TXV, C0830, C1030
	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 12	Compressors
8	see page 12	Compressor mounting hdw
8a	see page 12	Crankcase heater
9	02-4067-01	Side panel support, C0330, C0530, C0630 - A series
	02-4067-04	Side panel support, C0830, C1030 - A series
10	11-0501-22	High pressure cut out
11	11-0493-02	Liquid line vlv or HGV, 115 v
	11-0493-01	Liquid line vlv or HGV, 230 v
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	A38664-001	Back pnl, RC - A series 23"
	A38665-001	Back pnl, RC - A series 29"
	A39561-001	Back pnl, RC - B series 23"
	A39573-001	Back pnl, RC - B Series 29"
Use of alternate access valve began 4-08		
18	16-1137-01	Valve body
18a	16-1139-01	Core
18b	16-1140-01	Cap

C0330, C0530, C0630, C0830, C1030 Service Parts

Electrical & Control Box



Item Number	Part Number	Description
1	12-2469-03	Contactor, 115 volt
	12-2469-02	Contactor, 230, single ph
	12-2533-02	Contactor, three phase
2	12-2924-01	Transformer, 115 volt
	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	18-8835-02	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	12-2932-01	Hi voltage harness, A & W
	12-2933-01	Hi voltage harness, Rem
	12-2971-01	Hi voltage, 50 Hz A & W
Hi voltage harness has the 8 pin connector		
15	12-2928-01	WLS harness

C0330, C0530, C0630, C0830, C1030 Service Parts

Compressors

Model	Electrical	Compressor	Overload	Run Capacitor	PTCR
C0330-1	115/60/1	18-8897-21	18-8897-23	18-1902-53	18-8835-01
C0330-6	230/50	18-8897-26	18-8897-28	18-1902-57	18-8835-01
C0330-32	208-230/60/1	18-8897-22	18-8897-27	18-1902-57	18-8835-01
C0530-1	115/60/1	18-8921-21	18-8921-23	18-1902-45	18-8835-01
C0530-6	230/50	18-8921-26	18-8774-27	18-1902-52	18-8835-01
C0530-32	208-230/60/1	18-8921-22	18-8774-28	18-1902-52	18-8835-01
C0630-32	208-230/60/1	18-8922-22	18-8922-27	18-1902-57	18-8835-01
C0630-6	230/50	18-8922-26	internal	18-1902-56	18-8835-01
C0830-32	208-230/60/1	18-8813-23	internal	18-1902-53	18-8835-01
C0830-6	230/50	18-8813-27	internal	18-1902-53	18-8835-01
C0830-3	208-230/60/3	18-8813-25	internal	-	-
C1030-32	208-230/60/1	18-8726-23	internal	18-1902-53	18-8835-01
C1030-6	230/50	18-8726-27	internal	18-1902-53	18-8835-01
C1030-3	208-230/60/3	18-8726-25	internal	-	-

Note: Service compressors include run capacitor, overload and PTCR

Compressor Mounting Hardware

Model	Bolt	Washer	Grommet	Sleeve
C0330	03-1405-20	03-1407-07	18-4700-28	18-0108-41
C0530	03-1405-20	03-1407-07	18-4700-28	18-0108-41
C0630	03-1405-20	03-1407-07	18-4700-28	18-0108-41
C0830	03-1405-20	03-1407-07	18-2300-27	18-2300-26
C1030	03-1405-20	03-1407-07	18-2300-27	18-2300-26

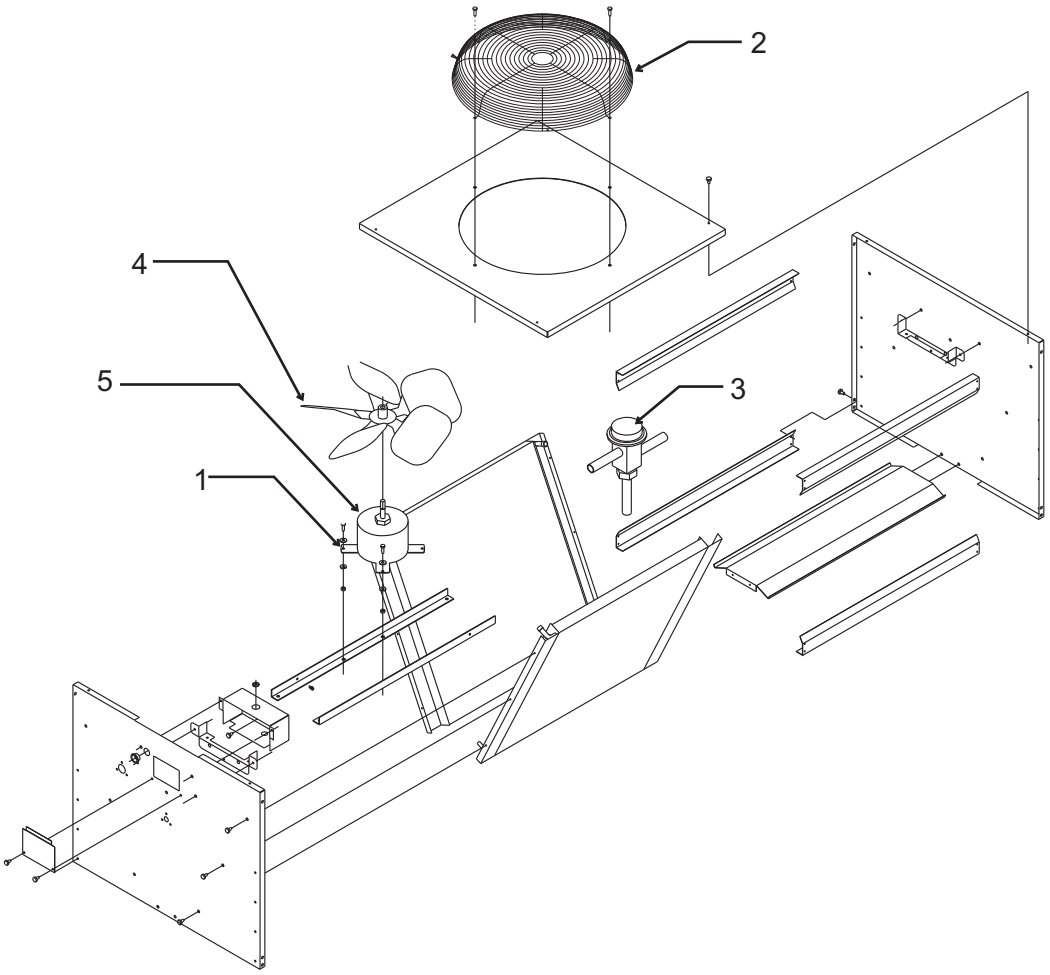
Crankcase Heaters

Model	Crankcase heater
C0530R	12-2942-01
C0630R	12-2942-02
C0830R	18-2308-01
C1030R	18-2308-01

* Included with replacement compressor

C0330, C0530, C0630, C0830, C1030 Service Parts

Remote Condenser, ERC111, ERC211, and ERC311



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
5	12-2651-01	Fan motor - 230 volt (ERC311)
	12-2651-02	Fan motor - 115 volt (ERC111 and ERC211)

Not Shown:

A37169-001	Leg
A37170-001	Leg brace
03-1645-01	Screw for legs
16-0850-01	Quick connect, discharge
16-0850-03	Quick connect, liquid