

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 at the end of 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

Note: These abbreviations are used in this list:

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

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Scotsman

800-533-6006

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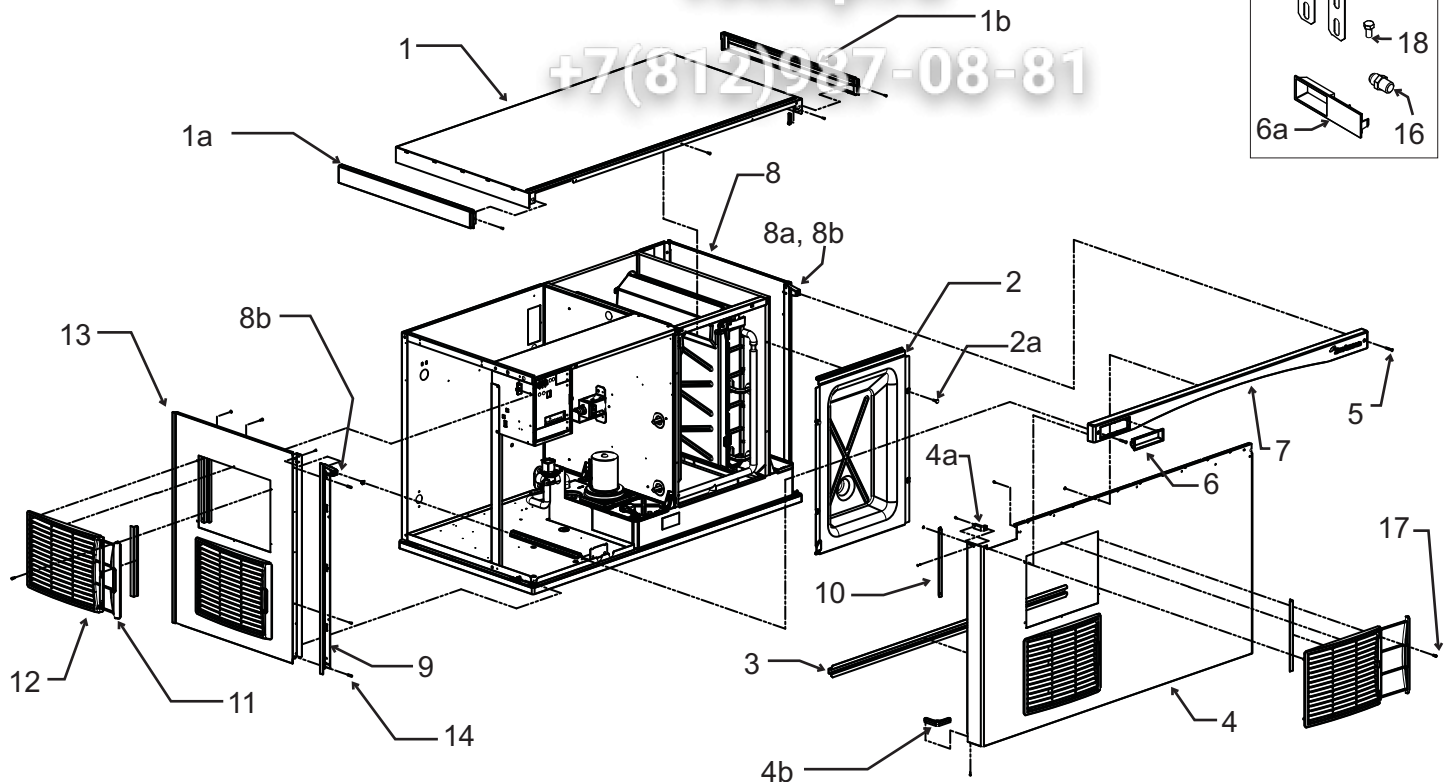
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C1448, C1848, C2148 Service Parts

Зип Общепит
Cabinet

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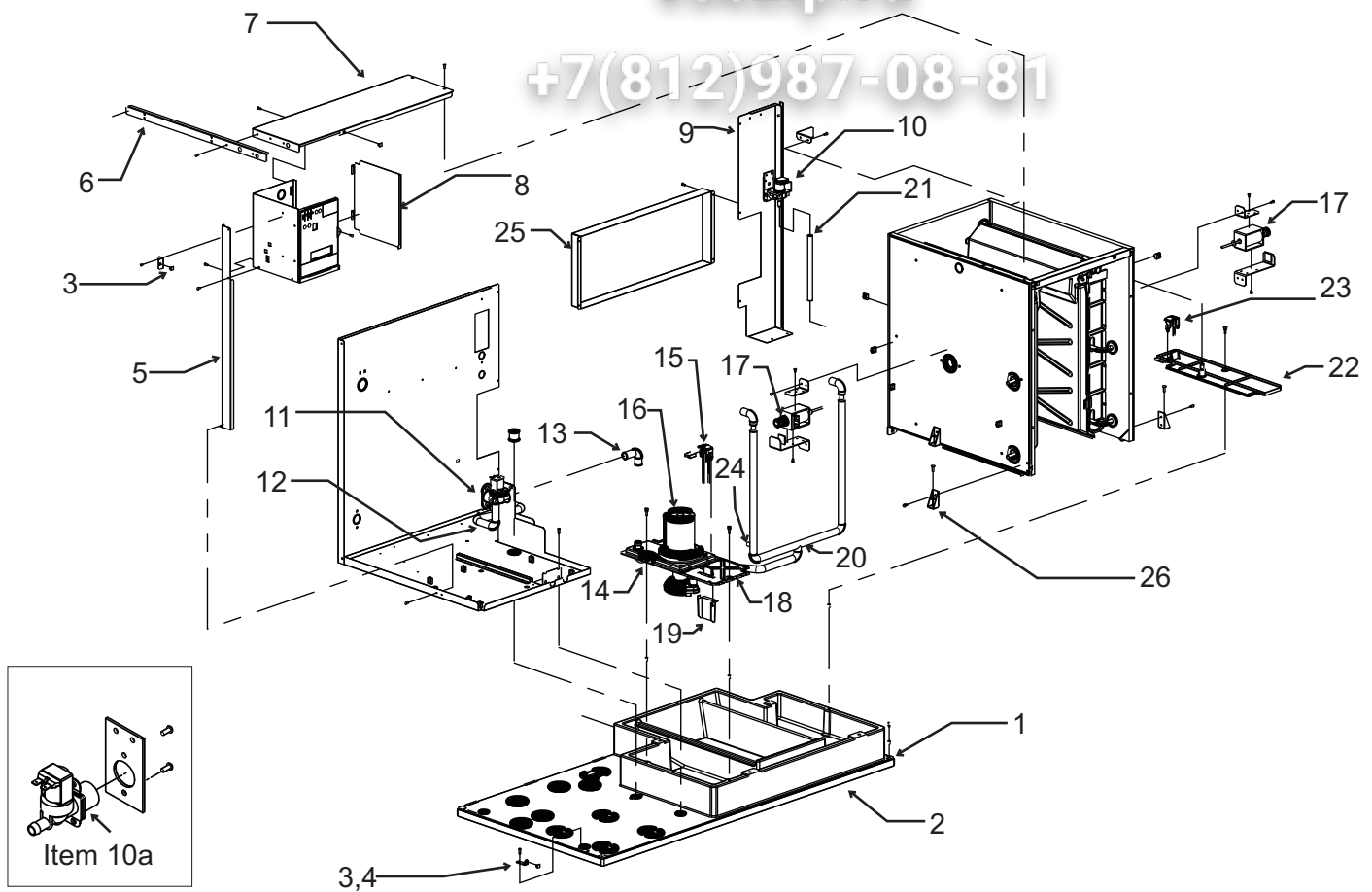
Item Number	Part Number	Description
1	A38941-023	Top panel, w/trim strips
1a	02-4221-01	Left trim strip
1b	02-4221-02	Right trim strip
2	02-4184-01	Evaporator cover
2a	03-0727-05	Screw
3	A39045-001	Front panel stiffener
4	A38552-025	AC Front panel assembly, includes filters, trim strip, gussets and labels.
	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 for water cooled and remote models
	02-4067-04	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

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Interior Parts

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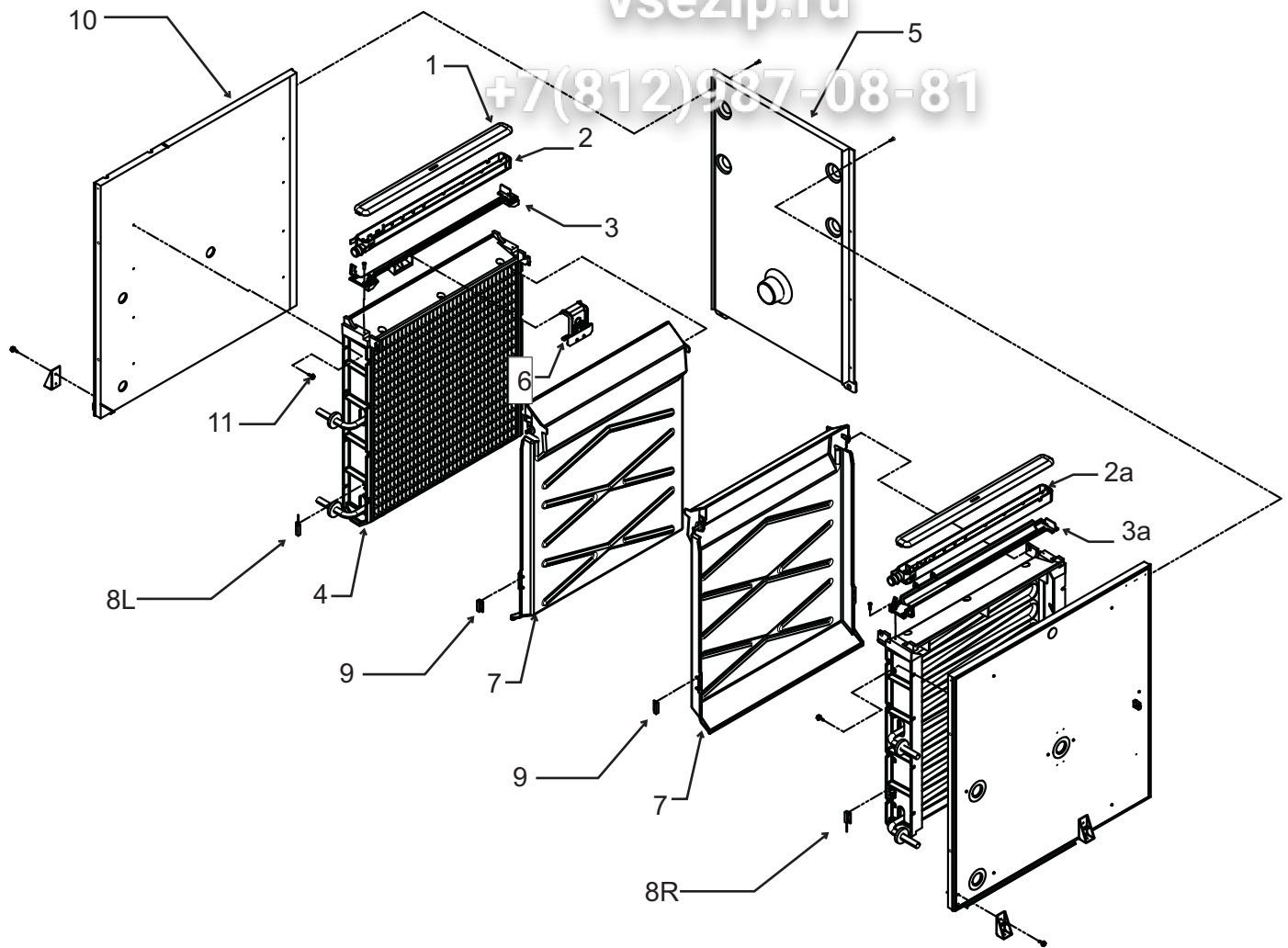
Item Number	Part Number	Description			
1	15-0411-00	Strike	15	A39030-021	Water level sensor
2	no number	Base, insulated			WLS harness, see page 9
3	03-3804-01	Receptacle	16	12-2920-22	Water pump
4	A38732-001	Side panel mount	17	12-2934-22	Harvest assist solenoid
5	A38629-001	Strut	18	02-4178-01	Reservoir cover
6	A38582-001	Brace	19	02-4332-01	Sensor cover
7	A39281-001	Control box top	20	02-4182-01	Pump hose
8	A38537-001	Control box side	21	13-0674-02	Fill hose order by ft (18")
9	A38680-001	Right back panel		15-0821-01	Fill hose, -6 CE models
10	12-2922-02	Inlet water sol vlv, 230 volt	22	02-4175-01	Rt side res cover
	12-2912-01	Water valve rebuild kit	23	A39030-022	Level sensor
10a	11-0568-02	Inlet water sol vlv, CE mod	24	11-0572-21	Temp probe assy
11	11-0564-02	Purge valve, 230 volt	25	A38681-001	Chase cover
12	A38862-002	Drain tube	26	02-4152-01	Gusset
13	A38862-001	Drain hose			
14	02-4177-01	Water pump bracket			

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Evaporator Compartment



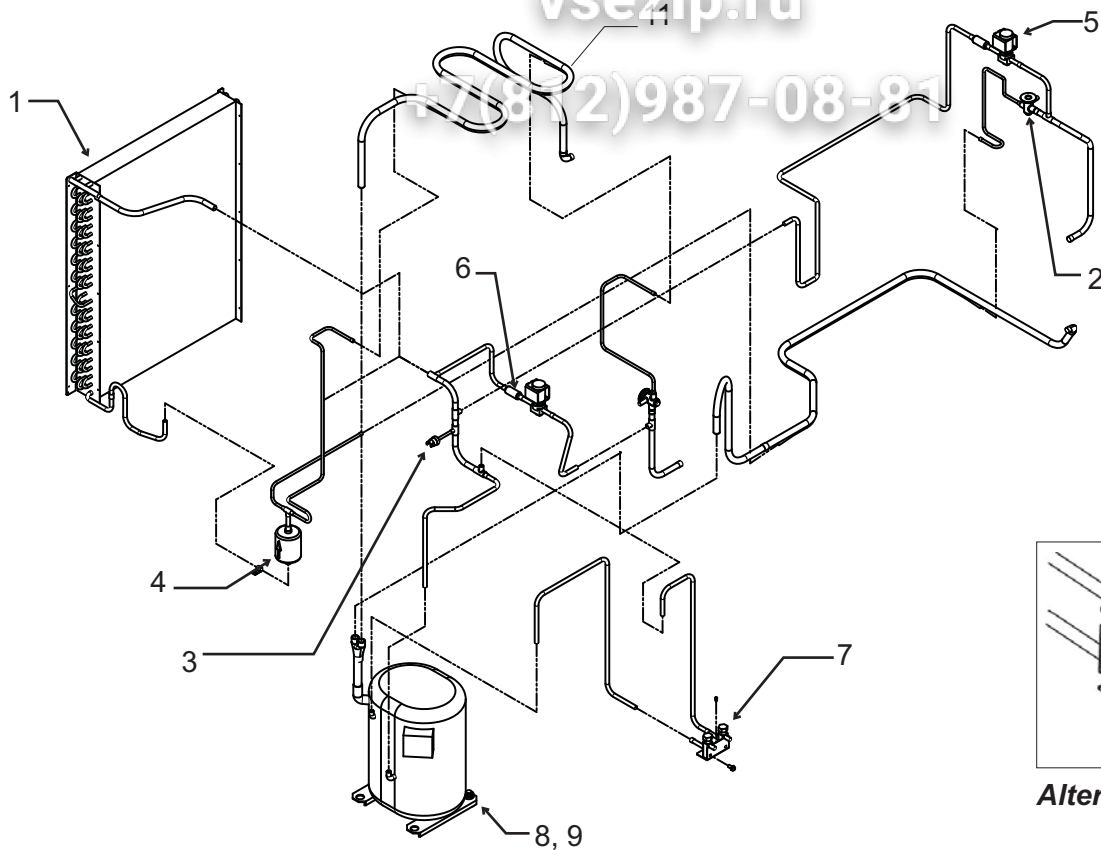
Item Number	Part Number	Description
1	02-4065-01	Water distributor cover
2	02-4064-01	Water distributor, left
2a	02-4064-02	Water distributor, right
3	02-4205-01	Mounting bracket, left
3a	02-4205-02	Mounting bracket, right
4	see table	Evaporator
5	A38677-001	Back wall
6	A39031-021	Ice thickness sensor
7	02-4100-23	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.

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

C1448, C1848, C2148 Service Parts

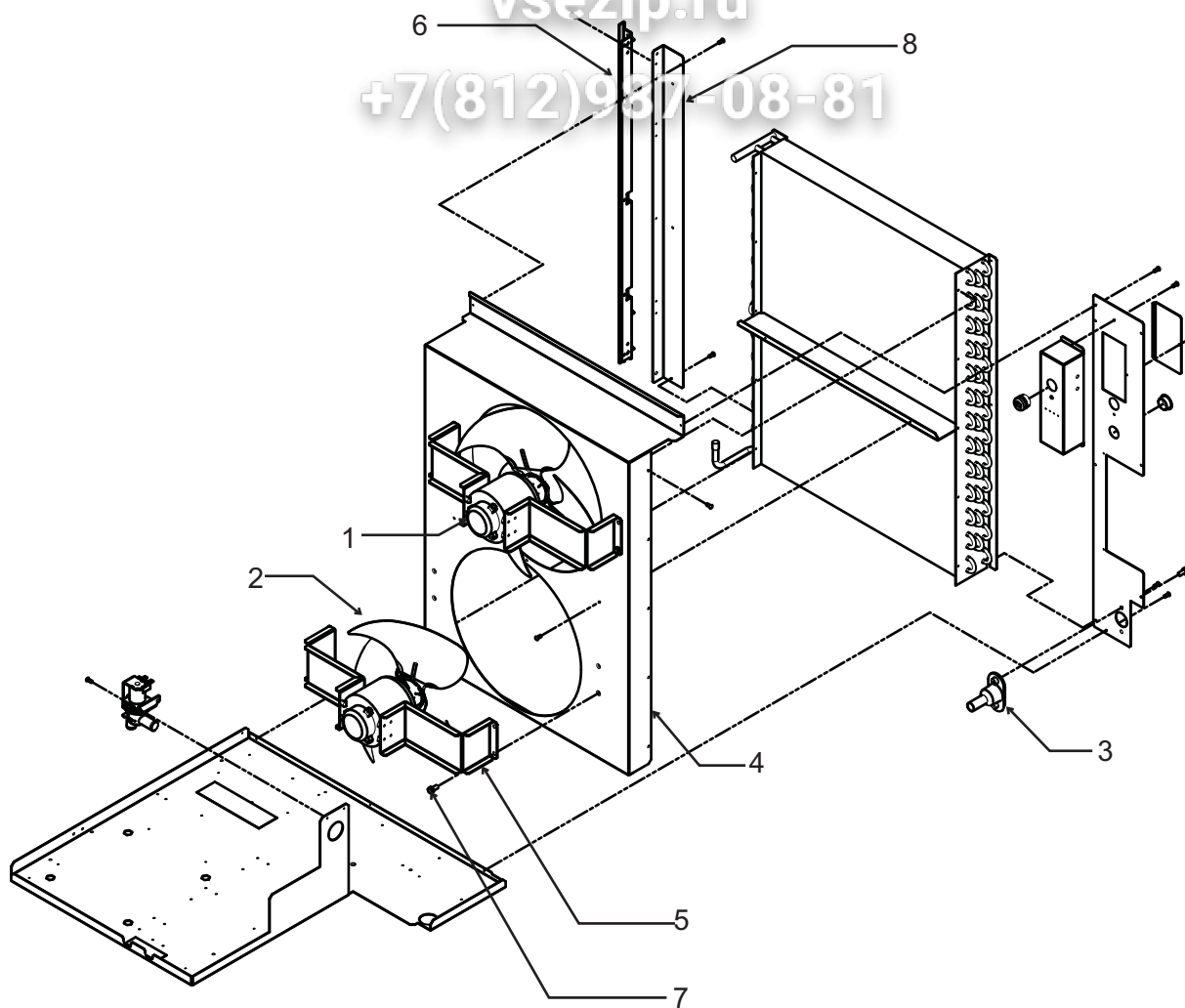
Air Cooled Refrigeration System



Item Number	Part Number	Description	Alternate Access Valve, use began 4/08		
1	18-8892-01	Condenser, AC	10	16-1137-01	Valve body
2	16-1130-01	TXV	10a	16-1139-01	Core
	02-4045-01	Insulation Danfoss TXV	10b	16-1140-01	Cap
3	11-0566-22	Fan cycle pressure sw.	11	A38736-001	Left suction line heat ex
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			

C1448, C1848, C2148 Service Parts

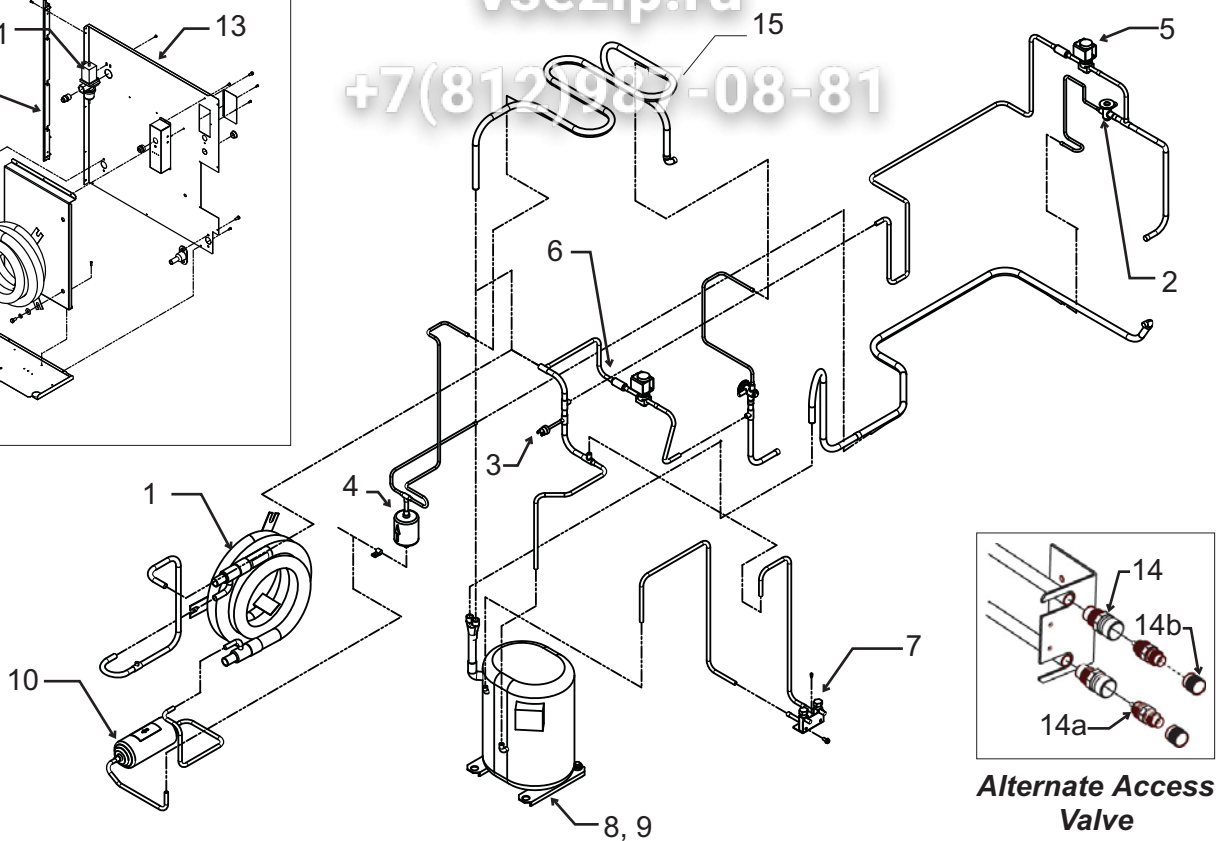
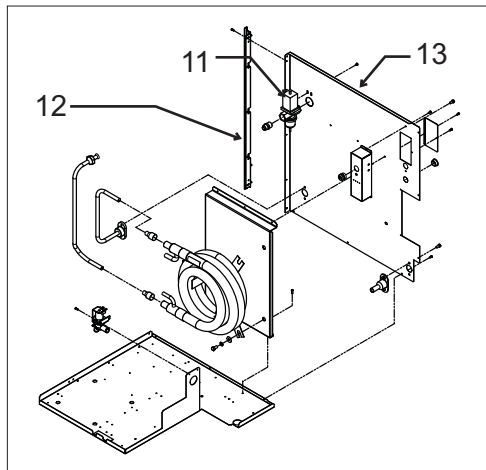
Air Cooled Mechanical & Electrical



Item	Part	
Number	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
5	A38554-001	Fan motor bracket
6	02-4067-04	Side panel support - AC
7	03-1645-01	Screw
8	A38741-001	AC bracket

C1448, C1848, C2148 Service Parts

Water Cooled Refrigeration System

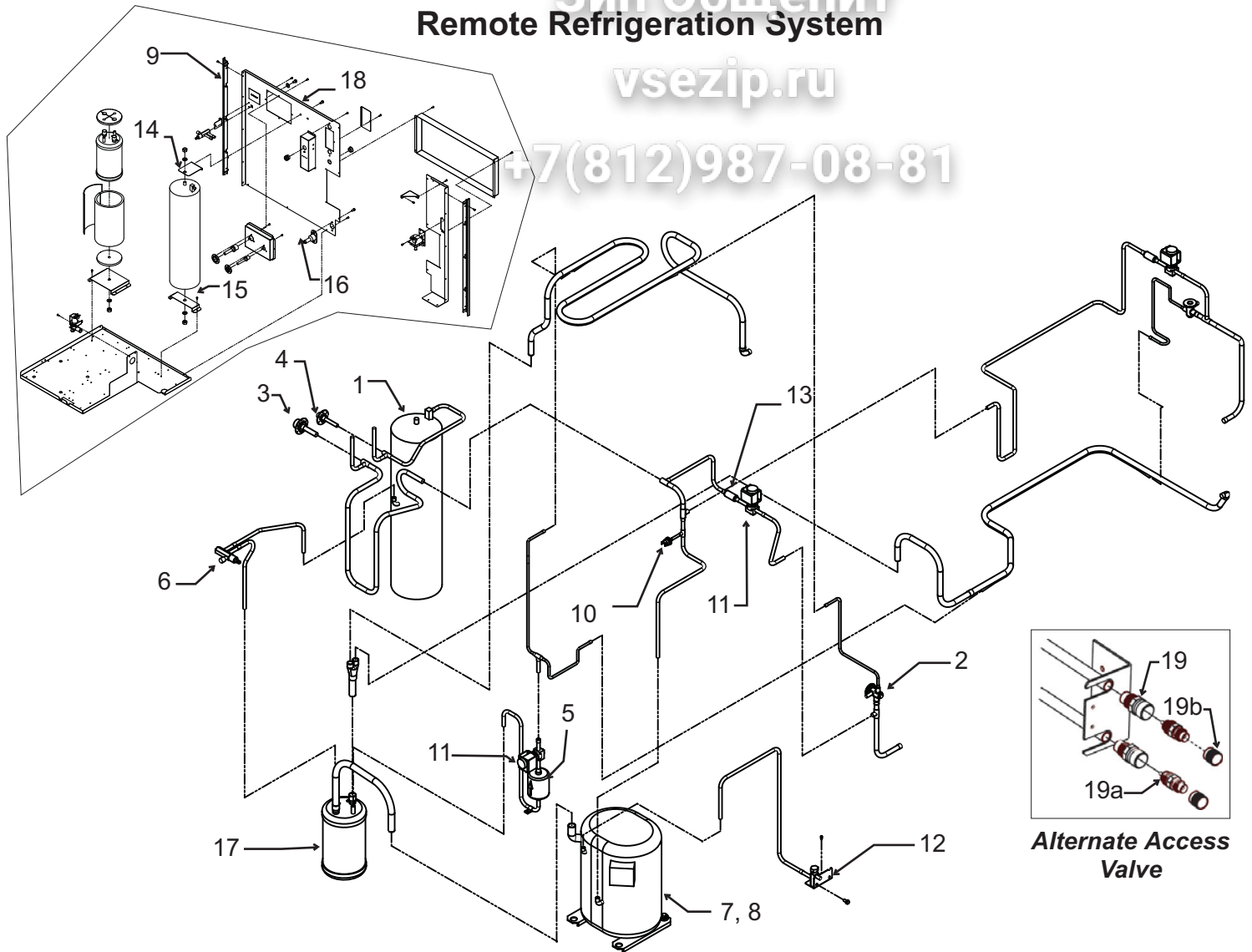


Alternate Access Valve

Item Number	Part Number	Description	11	11-0478-01	Water
			regulating valve,		
1	18-8865-21	Condenser, WC C1448.		11-0478-02	C1448W, C1848W
	18-8931-21	Condenser, WC C2148			Water regulating valve C2148W
2	16-1130-01	TXV	12	02-4067-03	Side support
	02-4045-01	insulation Danfoss TXV	13	A38606-001	Back panel, WC
3	11-0501-21	High pressure sw.	Alternate Access Valve, use began 4/08		
4	02-3319-02	Dryer	14	16-1137-01	Valve body
5	11-0493-01	Hot gas valve, 230 volt	14a	16-1139-01	Core
	12-2719-22	230 volt coil	14b	16-1140-01	Cap
	12-2733-30	HGV rebuild kit	15	A38736-001	Left suction line heat ex
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			

C1448, C1848, C2148 Service Parts

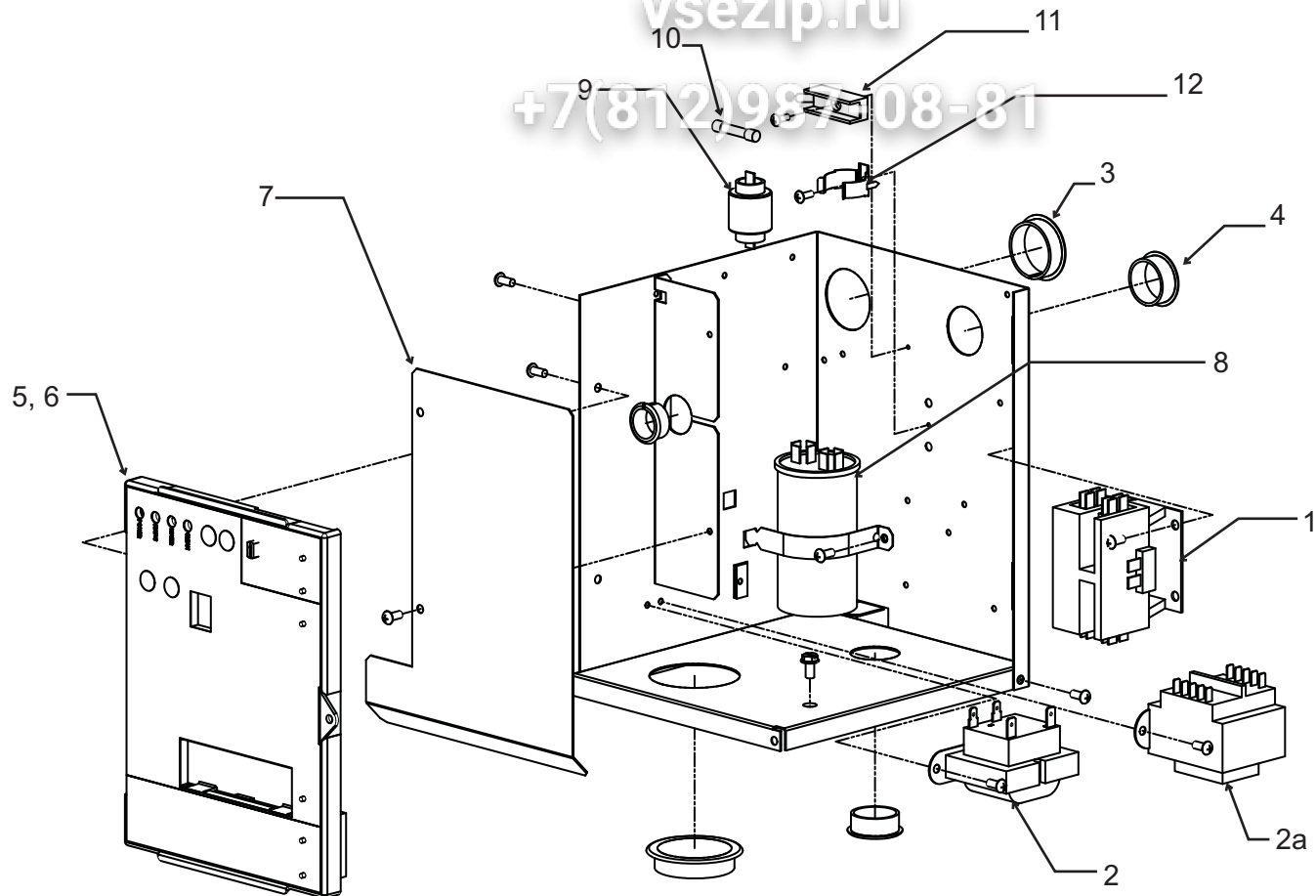
Remote Refrigeration System



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

C1448, C1848, C2148 Service Parts

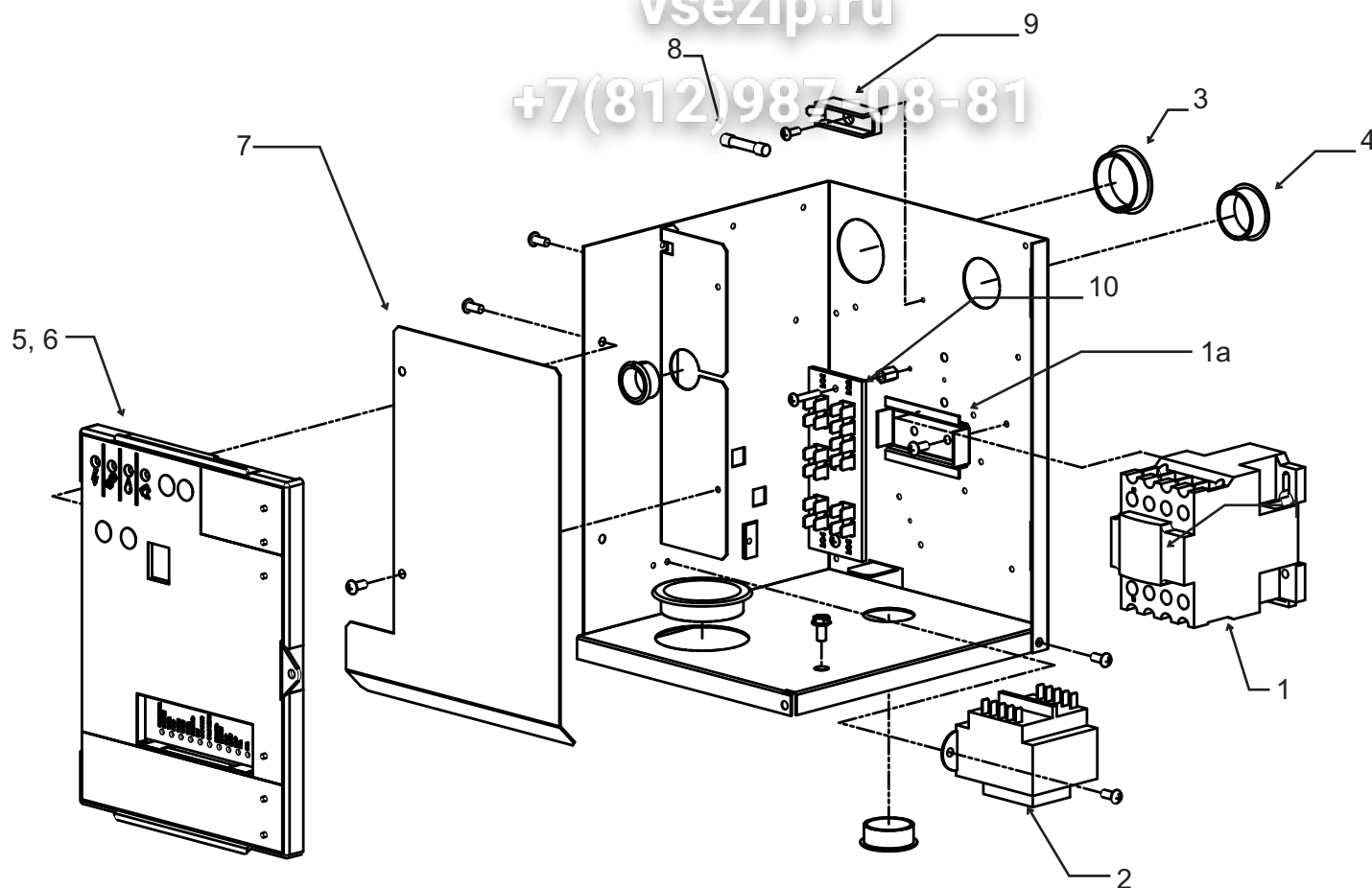
Electrical & Control Box - 3, -6, -32



Item Number	Part Number	Description	Item Number	Part Number	Description
1	12-2469-02	Contactor, 230, single ph	10	12-2686-01	Fuse, 50 Hz only
	12-2533-01	Contactor, three phase	11	12-2687-01	Fuse holder
2	12-2924-02	Transformer, 230 volt	12	18-8840-02	Bracket
2a	12-2639-01	Transformer, 50 Hz	Wiring Harnesses (not illustrated)		
3	12-1213-11	Snap bushing	13	12-2931-01	Power harness, A & W
4	12-1213-15	Snap bushing		12-2931-02	Power harness, Remote
5	11-0550-24	Service controller, fits all Prodigy cubers	Power harness connects to J1 on controller		
6	02-4076-01	Control box door	14	12-2937-01	Hi voltage harness, A & W
	02-4189-01	Overlay label		12-2938-01	Hi voltage harness, Rem
7	A39216-001	Barrier		12-2944-01	Hi voltage, 50 Hz A & W
8	see next page Run capacitor			12-2944-02	Hi voltage, 50 Hz, Rem
9	see next page PTCR -		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	11-0550-24	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

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Compressors

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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

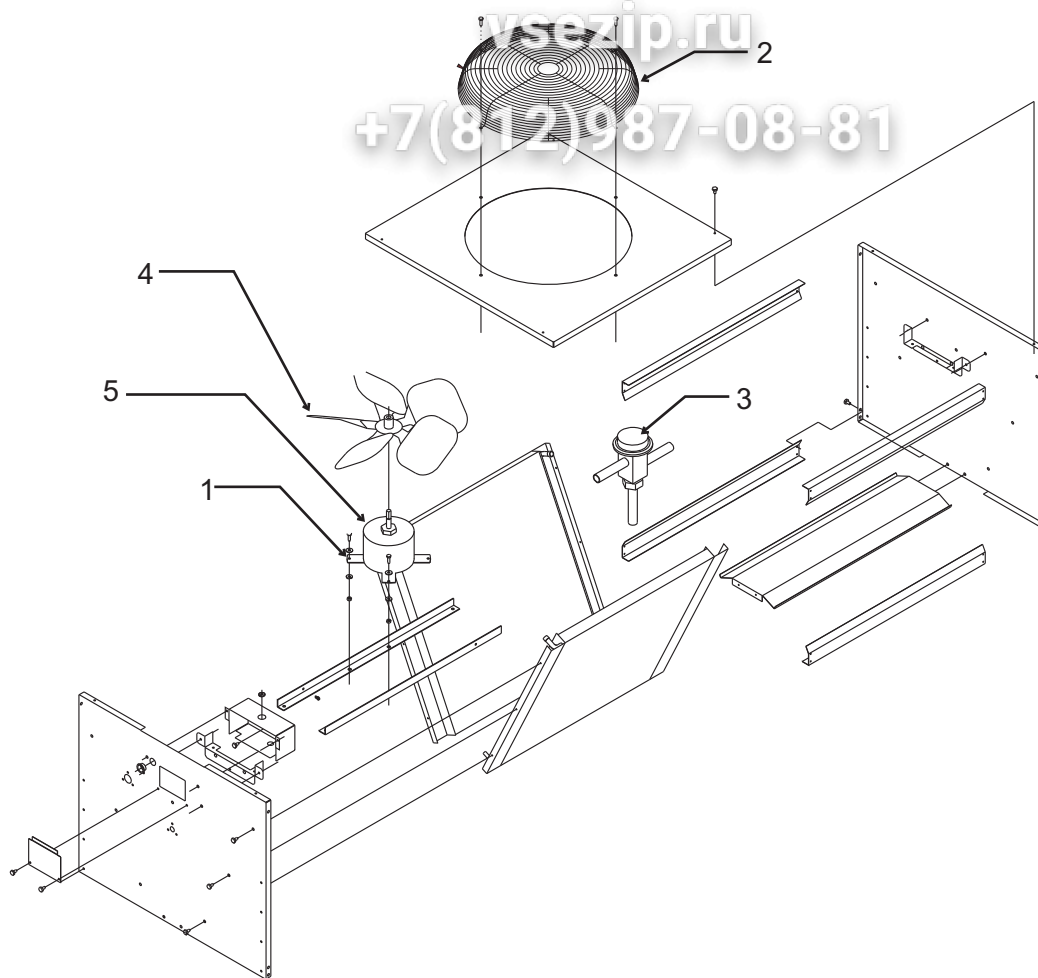
Crankcase Heaters

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

* Included with replacement compressor

C1448, C1848, C2148 Service Parts

Remote Condenser, ERC311 and ERC611



Item	Part	
Number	Number	Description
1	03-1405-08	Screw
2	02-3575-01	Fan guard
3	16-1044-01	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