CM450E SERVICE PARTS

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This section contains the parts illustrations and parts lists for the CM450E.
A "no number" designation, when found in the part number column, indicates the part in question is not available from Scotsman as an assemby. This designation is used only for clarity in making the list.
When ordering parts, to avoid costly delays and errors, give the part number, the complete description as shown in the list, and the quantity of each part or assembly required.

CM450's have been manufactured in "A", "C", "D" and "E" series (as in CM450AE-32). This parts list is for the model CM450 "E". Check the complete model number to see that it is an E model.

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CM450E SERVICE PARTS

CABINET ASSEMBLY

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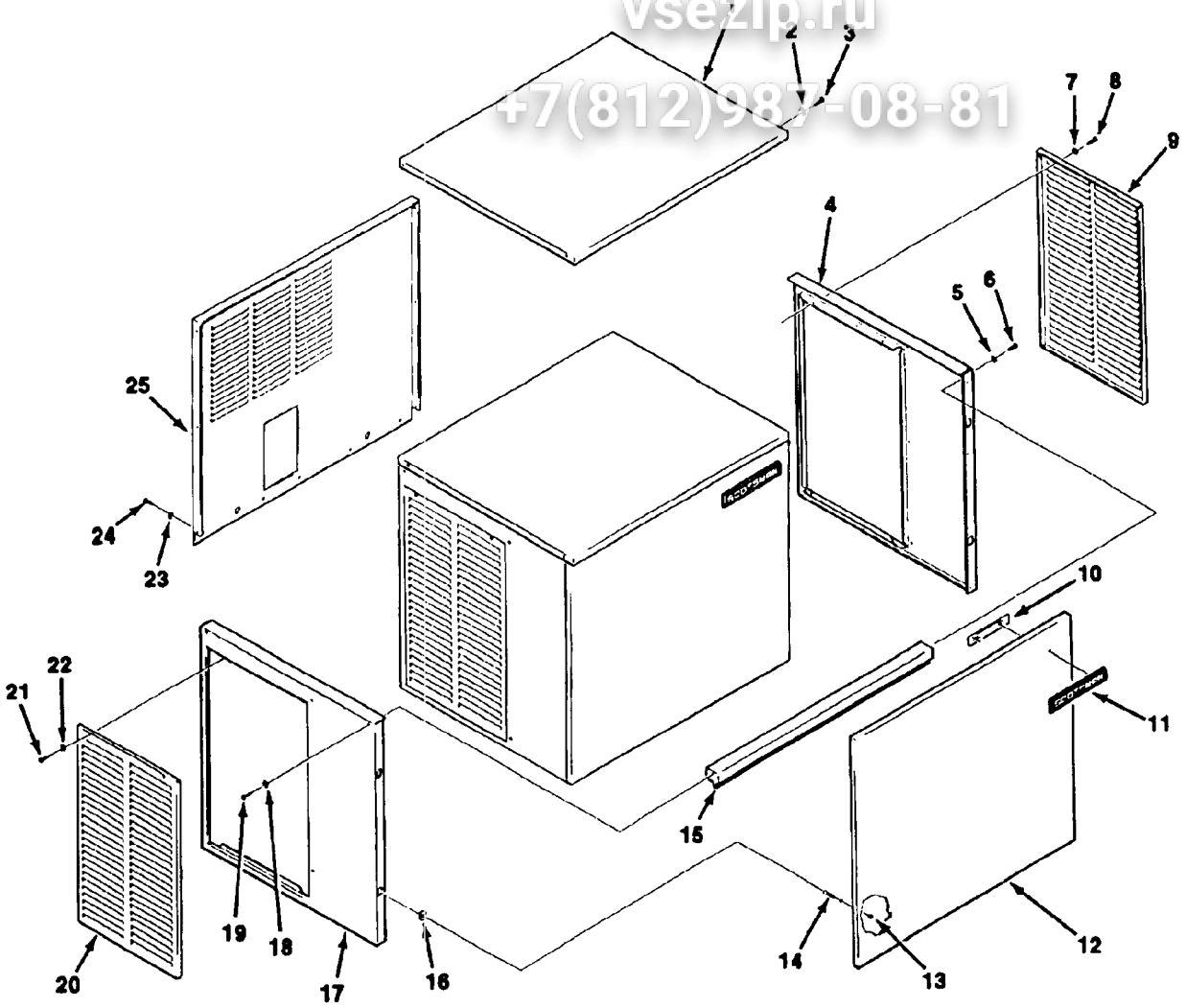

ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A32159-001	Top Panel, Painted	13	03-1406-04	Nut
	A32159-002	Top Panel, S. S.	14	15-0411-00	Strike
2	03-1417-03	Lockwasher	15	A32169-001	Front Support
3	03-1531-01	Screw	16	02-0836-00	Cabinet Catch
4	A32162-001	Right End Panel, Paint	17	A32163-001	Left End Panel, Paint
	A32162-002	Right End Panel, S.S.		A32163-002	Left End Panel, S.S.
5.	03-1417-03	Lockwasher	18	03-1417-03	Lockwasher
6	03-1531-01	Screw	19	03-1531-01	Screw
7	03-1417-03	Lockwasher	20	A32161-001	Service Panel, Paint
8	03-1404-12	Screw		A32161-002	Service Panel, S.S.
9	A32161-001	Service Panel, Painted	21	03-1404-12	Screw
	A32161-002	Service Panel, S.S.	22	03-1412-03	Lockwasher
10	03-0271-00	Speed Nut	23	03-1417-03	Lockwasher
11	15-0711-01	Emblem	24	03-1531-01	Screw
12	A32160-001	Front Panel, Painted	25	A32202-001	Back Panel
	A32160-002	Front Panel, S.S.			

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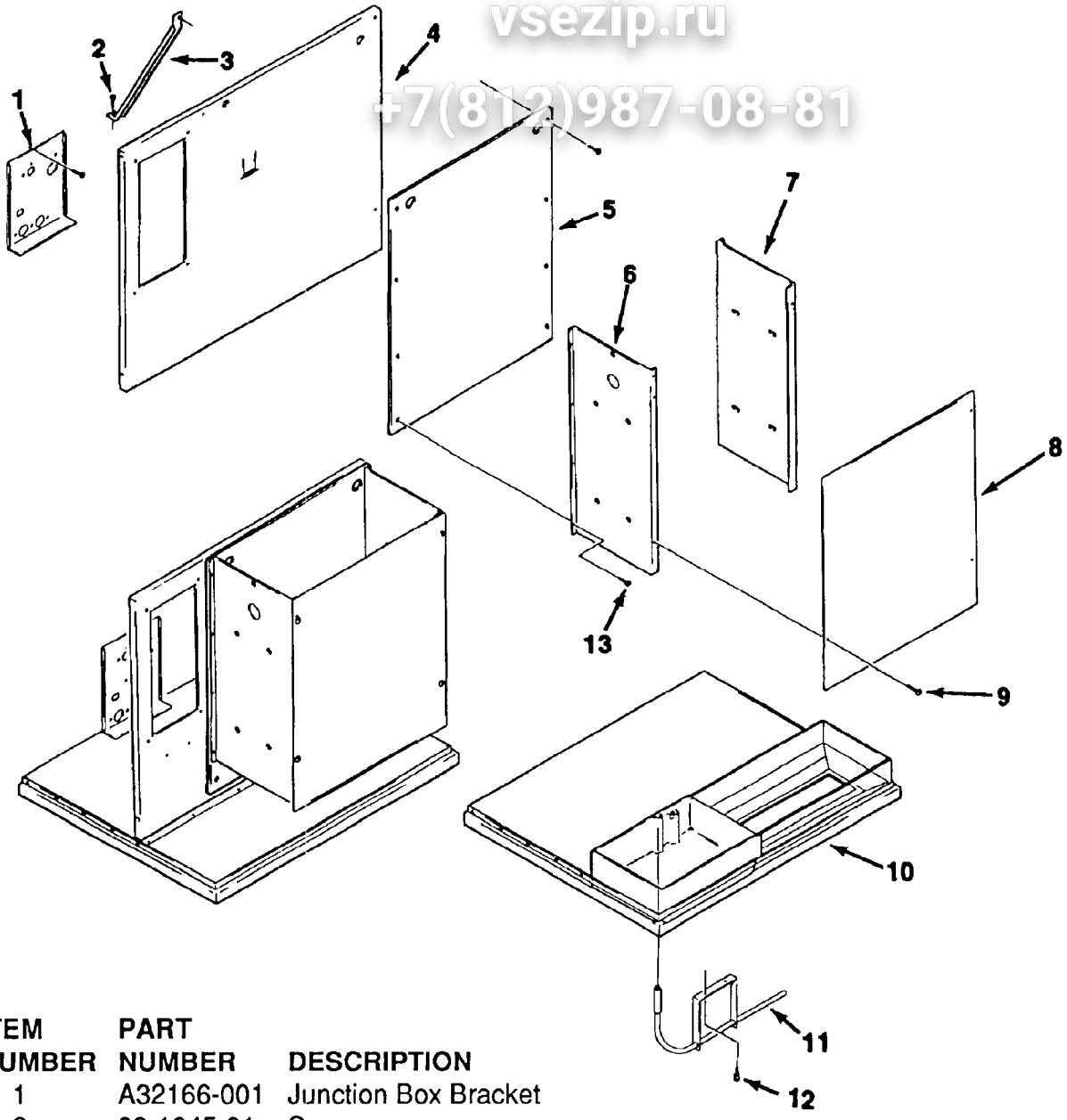
CABINET INTERIOR



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A32166-001	Junction Box Bracket
2	03-1645-01	Screw
3	A32210-001	Support Brace
4	A32158-001	Retainer
5	02-2867-01	Splash Panel
6	A32172-001	Evaporator Bracket, Right
7	A32173-001	Evaporator Bracket, Left
8	A32165-001	Evaporator Plate Cover
9	03-0727-09	Thumbscrew
10	A32153-001	Base
11	A32262-001	Bin Thermostat Bracket
12	03-0727-09	Thumbscrew
13	03-1531-02	Screw

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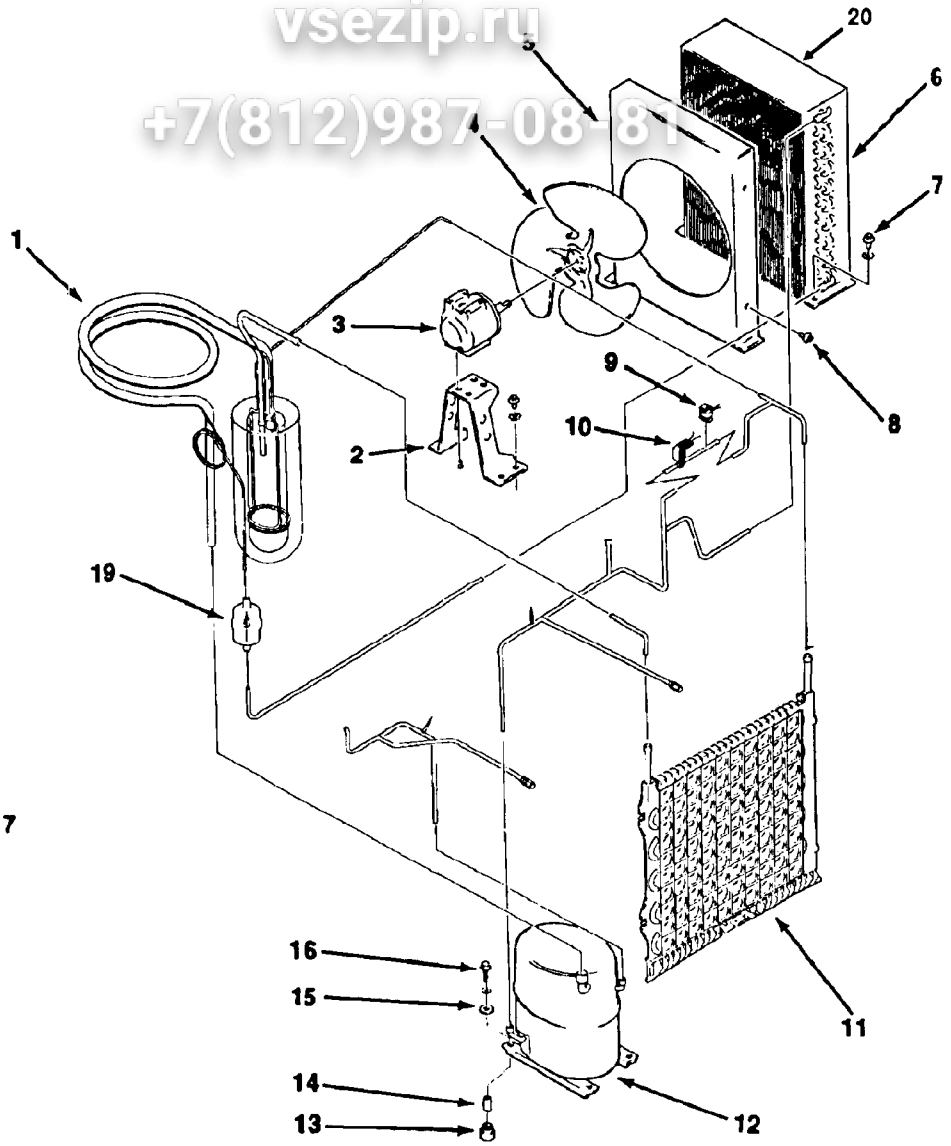
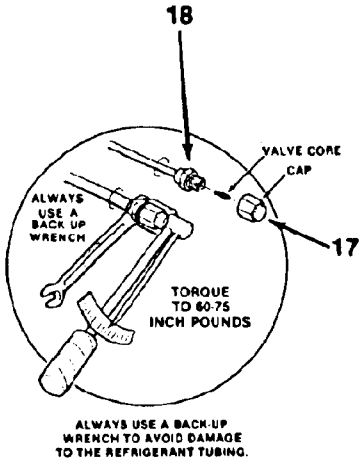
AIR COOLED REFRIGERATION





ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A32254-022	Heat Exchanger
2	18-3739-01	Fan Motor Bracker
3	18-5105-02	Fan Motor
4	18-3732-01	Fan Blade
5	A32171-001	Fan Shroud
6	18-0398-01	Condenser
7	03-1645-01	Screw
	03-1410-03	Lockwasher
	03-1407-05	Washer
8	03-1531-01	Screw
9	12-2300-03	Hi Temp Cut Out
10	12-2135-02	Hot Gas Valve
11	A30296-020	Evaporator

ITEM NUMBER	PART NUMBER	DESCRIPTION
12	18-8000-04	Compressor (203-230/60/1) (Has an internal overload)
13	18-6800-01	Grommet
14	18-2300-26	Sleeve
15	03-1407-07	Washer
16	03-1405-20	Screw
17	16-0563-00	Cap
18	16-0560-00	Core
19	02-2426-02	Drier
20	A32975-001	Foam Filter

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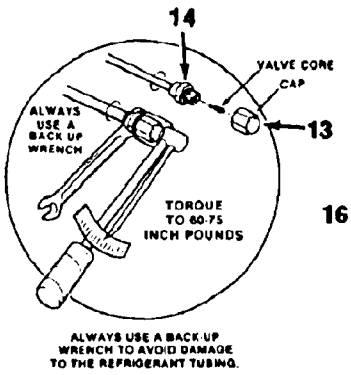
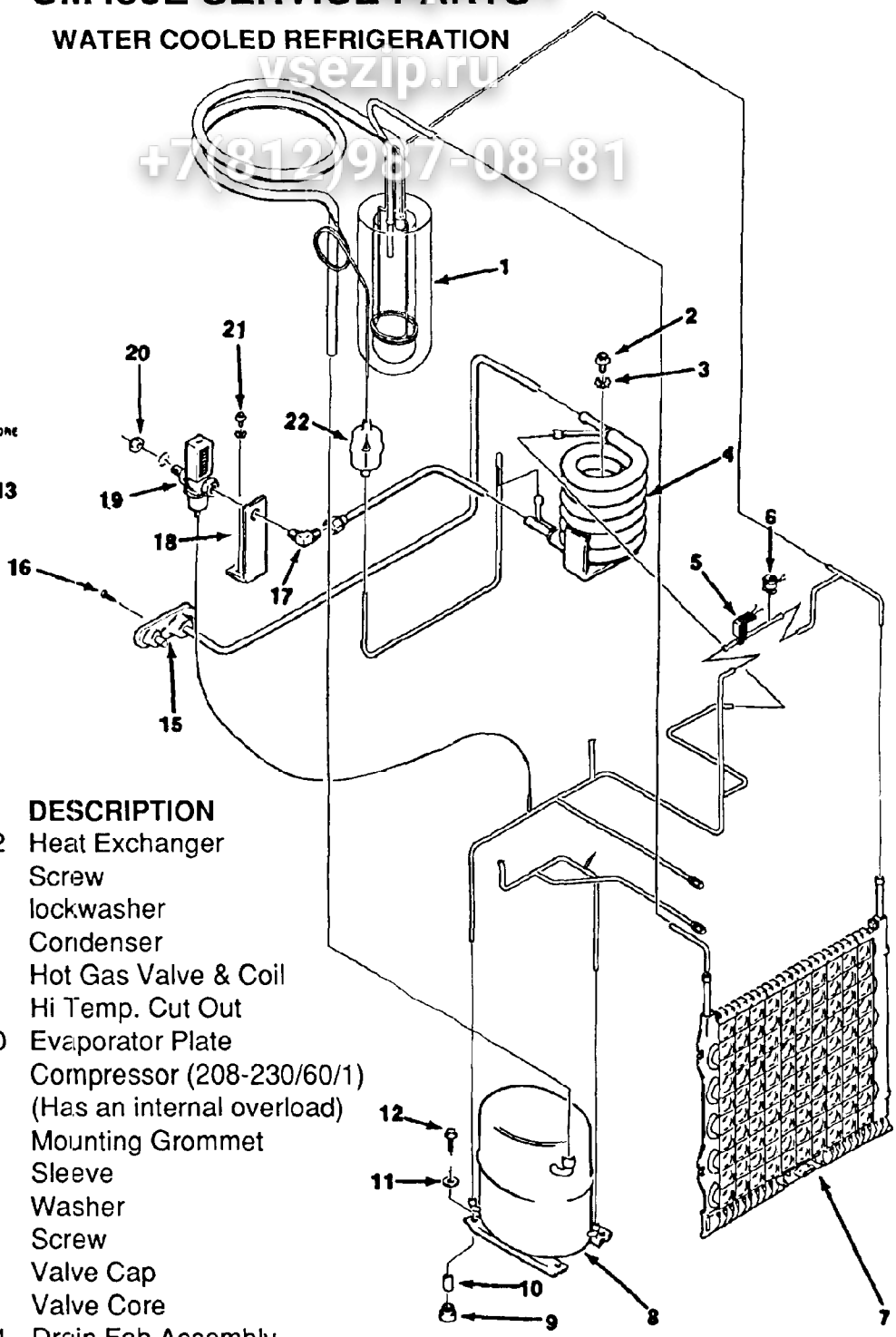
WATER COOLED REFRIGERATION

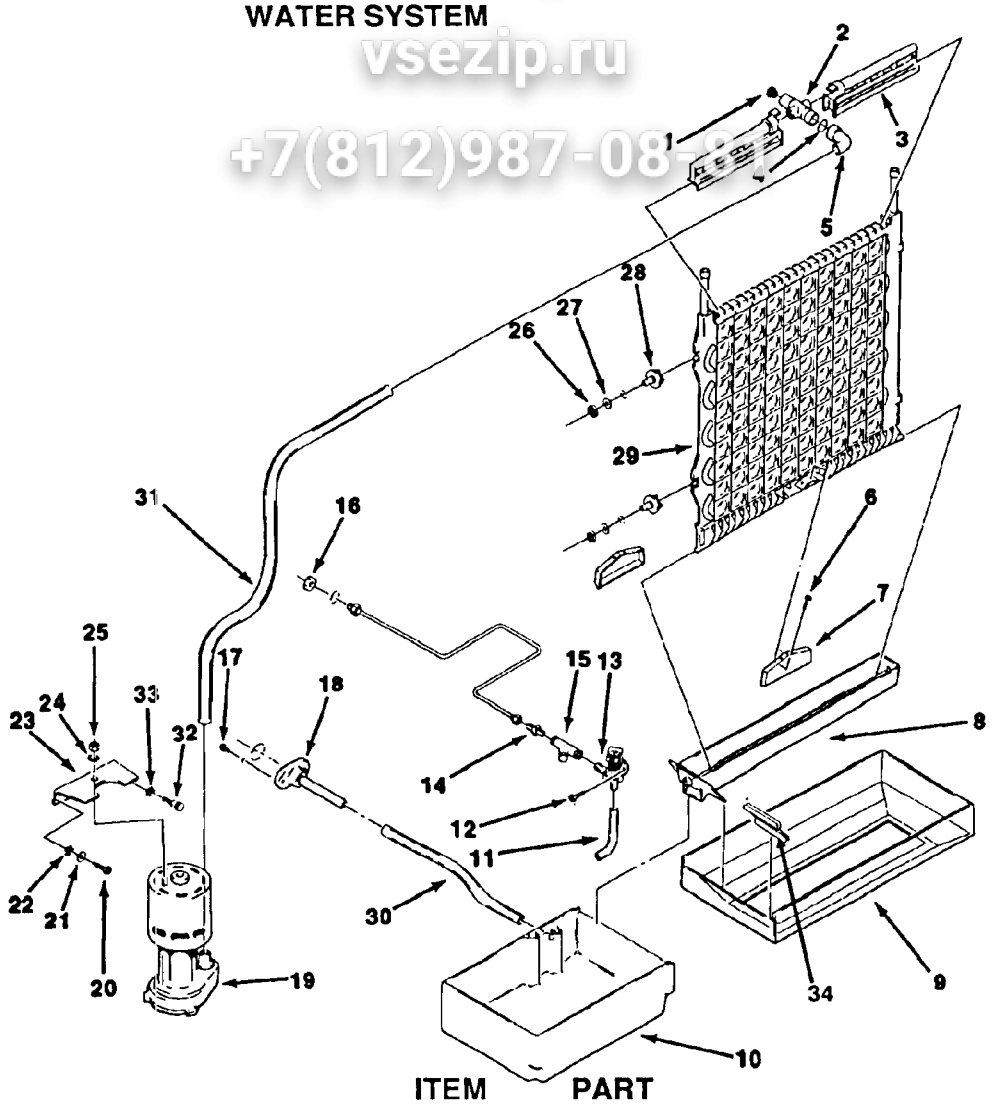




ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A32254-022	Heat Exchanger
2	03-1645-01	Screw
3	no number	lockwasher
4	18-3306-02	Condenser
5	12-2135-02	Hot Gas Valve & Coil
6	12-2300-03	Hi Temp. Cut Out
7	A30296-020	Evaporator Plate
8	18-8000-04	Compressor (208-230/60/1) (Has an internal overload)
9	18-6800-01	Mounting Grommet
10	18-2200-26	Sleeve
11	03-1407-07	Washer
12	03-1405-20	Screw
13	16-0563-00	Valve Cap
14	16-0560-00	Valve Core
15	A32244-001	Drain Fab Assembly
16	03-1403-14	Screw
17	16-0401-02	Brass Elbow
18	no number	Bracket
19	11-0424-01	Water Reg. Valve
20	03-1394-01	Pal Nut
21	03-1403-14	Screw
22	02-2426-02	Filter Drier

CM450E SERVICE PARTS

WATER SYSTEM



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	13-0840-01	Manifold Plug
2	A29703-001	Manifold Water Tube
3	02-2527-01	Water Distrib. Tube
4	13-0617-48	O-Ring (2)
5	16-0671-01	Elbow
6	03-1404-10	Screw
7	02-2878-01	Sump End Cover
8	02-2868-01	Drain Trough
9	no number	Cube Chute
10	02-2869-01	Sump
11	A30918-001	Sump Inlet Tube
12	03-1531-01	Screw
13	12-2313-02	Solenoid Valve
14	16-0791-01	Half Union
15	16-0162-00	Stainer
16	03-1394-01	Pal Nut
17	03-1645-01	Screw
18	A32282-003	Drain Ass. (Air Cooled)
19	12-2260-22	Water Pump Assembly
20	03-1403-17	Screw
21	03-1407-03	Washer
22	03-1408-31	Washer
23	A30914-002	Pump Mounting Bracket
24	03-1417-05	Lockwasher
25	03-1406-05	Nut
26	03-1394-03	Pal Nut
27	03-1408-34	Special Washer
28	02-2642-01	Plate Mount
29	A30296-020	Evaporator
30	13-0674-07	Drain Hose, 8"
31	13-0674-07	Pump Hose, 33"
32	03-0727-09	Thumbscrew
33	03-1417-03	Lockwasher
34	02-2875-01	Ice Deflector

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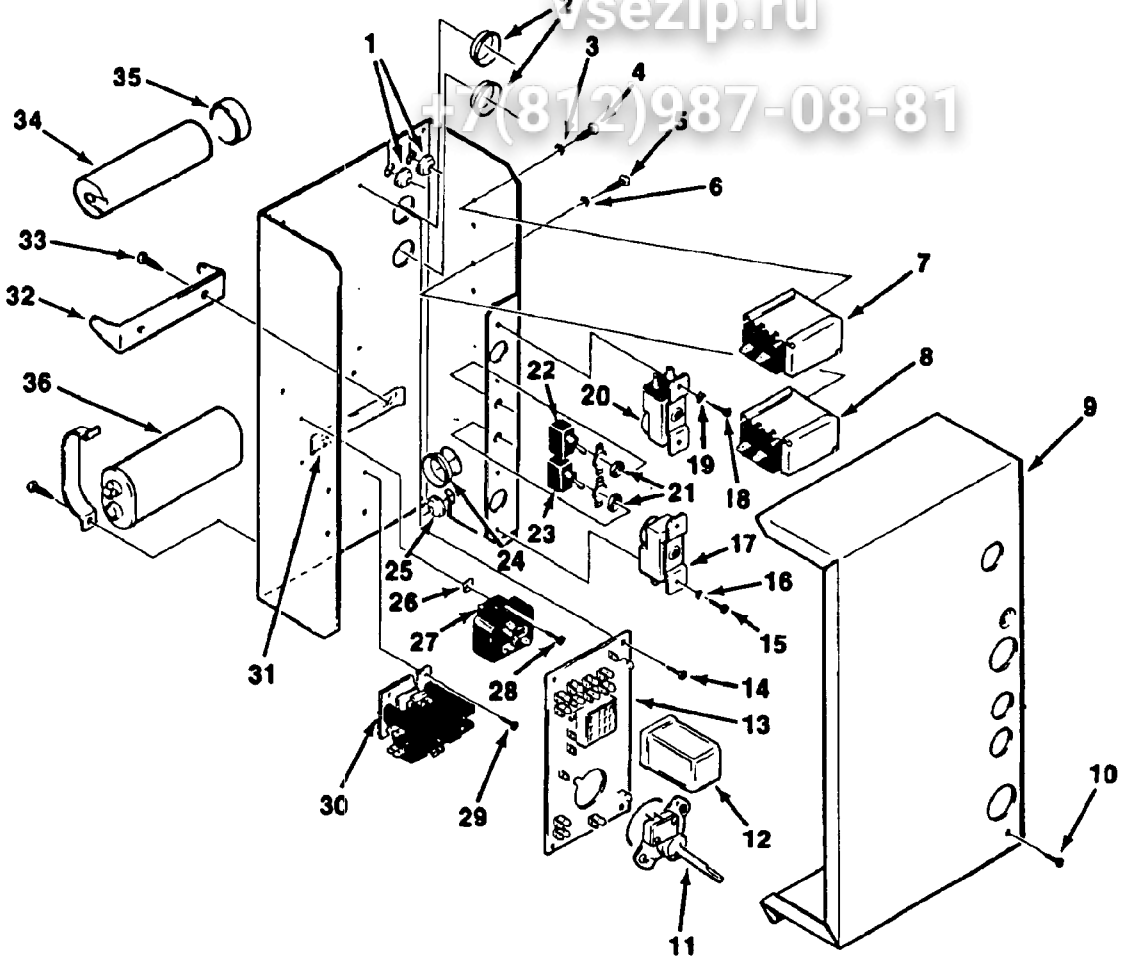
CONTROL BOX



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	13-0557-00	Grommet
2	12-1213-10	Snap Bushing
3	03-1417-18	Lockwasher
4	03-1403-02	Screw
5	03-1403-02	Screw
6	03-1417-18	Lockwasher
7	11-0426-01	Fan Control
8	11-0425-01	High Press. Safety -AC
	11-0410-02	High Press. Safety -WC
9	A32168-001	Control Box Cover
10	03-1531-01	Screw
11	12-1980-02	Timer & Switch
12	12-1879-03	Relay, 230V
13	12-1912-01	Circuit Board
14	03-1403-02	Screw
15	03-1403-05	Screw
16	03-1417-03	Lockwasher
17	11-0427-02	Bin Thermostat

ITEM NUMBER	PART NUMBER	DESCRIPTION
18	03-1403-05	Screw
19	03-1417-03	Lockwasher
20	11-0428-01	Cube Size Control
21	03-1417-16	Lockwasher
22	12-0426-01	Switch
23	12-0426-01	Switch
24	12-1213-17	Snap Bushing
25	13-0557-00	Grommet
26	03-1423-01	Speed Nut
27	18-1903-46	Potential Relay
28	03-1403-02	Screw
29	03-1403-15	Screw
30	12-2048-02	Contactor
31	03-1423-01	Twin Speed Nut
32	18-2200-39	Start Capacitor Bracket
33	03-1403-15	Screw
34	18-1901-48	Start Capacitor
35	18-4300-50	Start Capacitor Cap.
36	18-1902-45	Run Capacitor

CM450E WIRING DIAGRAMS

Component Layout Diagram for CM450E-32E (208-230/60/1) Air or Water Cooled.
(Water Cooled has no Fan or Fan Control)

A34311-032

Caution: More than one disconnect means may be required to disconnect all power to this unit.

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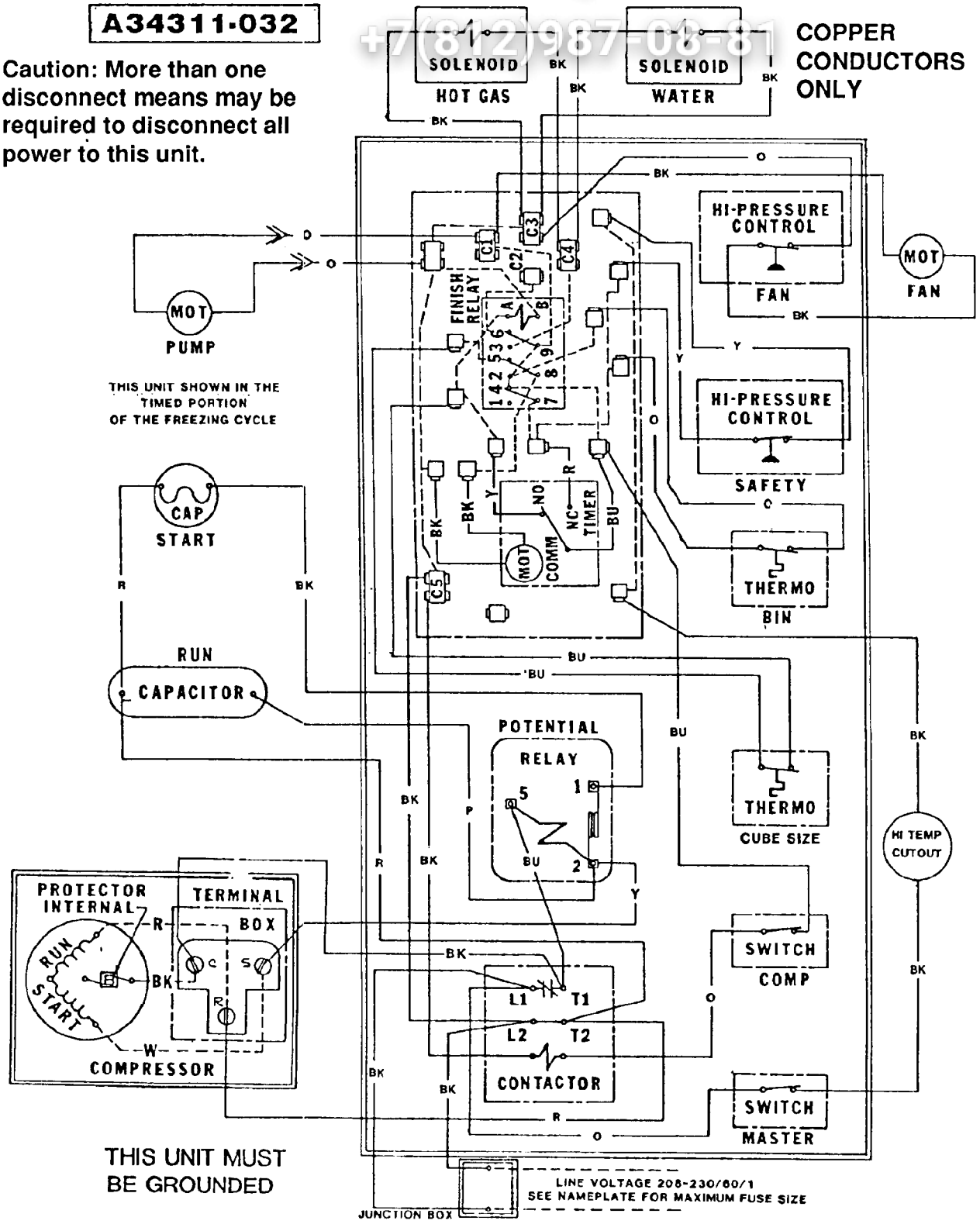
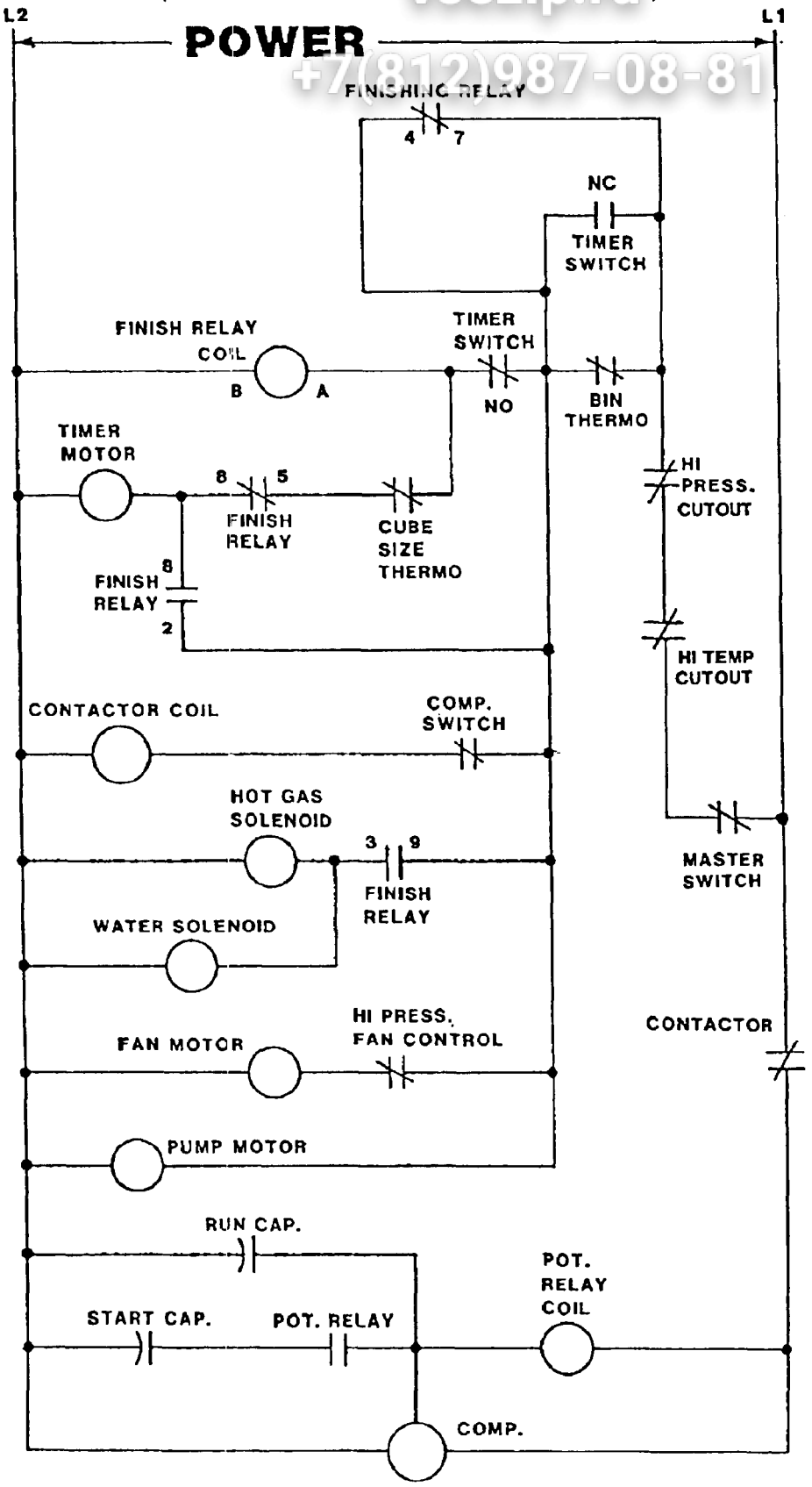


CM450E WIRING DIAGRAMS

Schematic Diagram for CM450E-32E (208-230/60/1) Air or Water Cooled.
(Water Cooled has no Fan Or Fan Control)