FM2402 SERVICE PARTS

This parts list contains the service parts and wiring diagrams for this model. Check the model number in question to be sure that it is applicable to this parts list.

TABLE OF CONTENTS

Cabinet 2

Air Cooled Refrigeration 3

Water Cooled Refrigeration 4

Water System 5

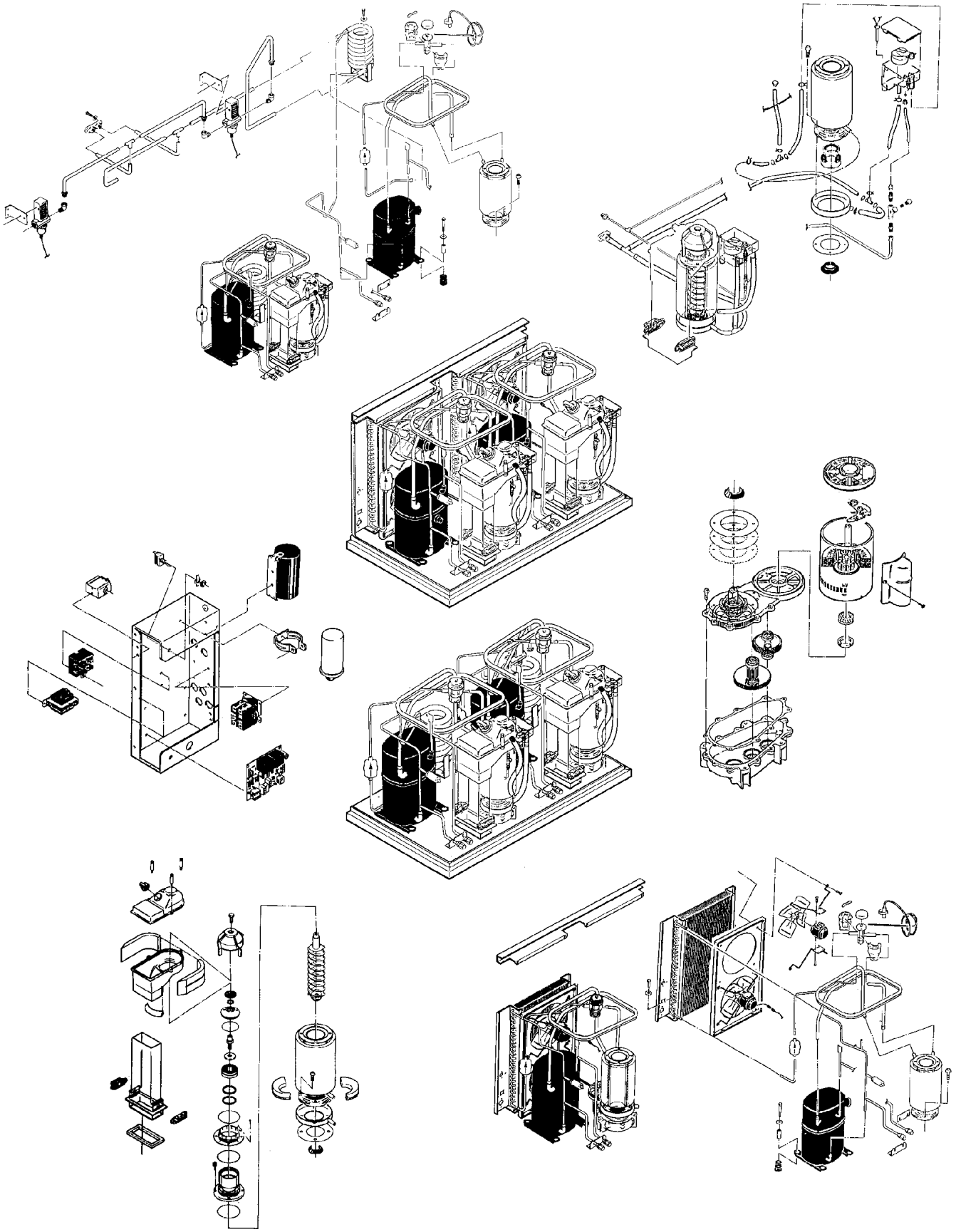
Gearmotor 6

Evaporator 7

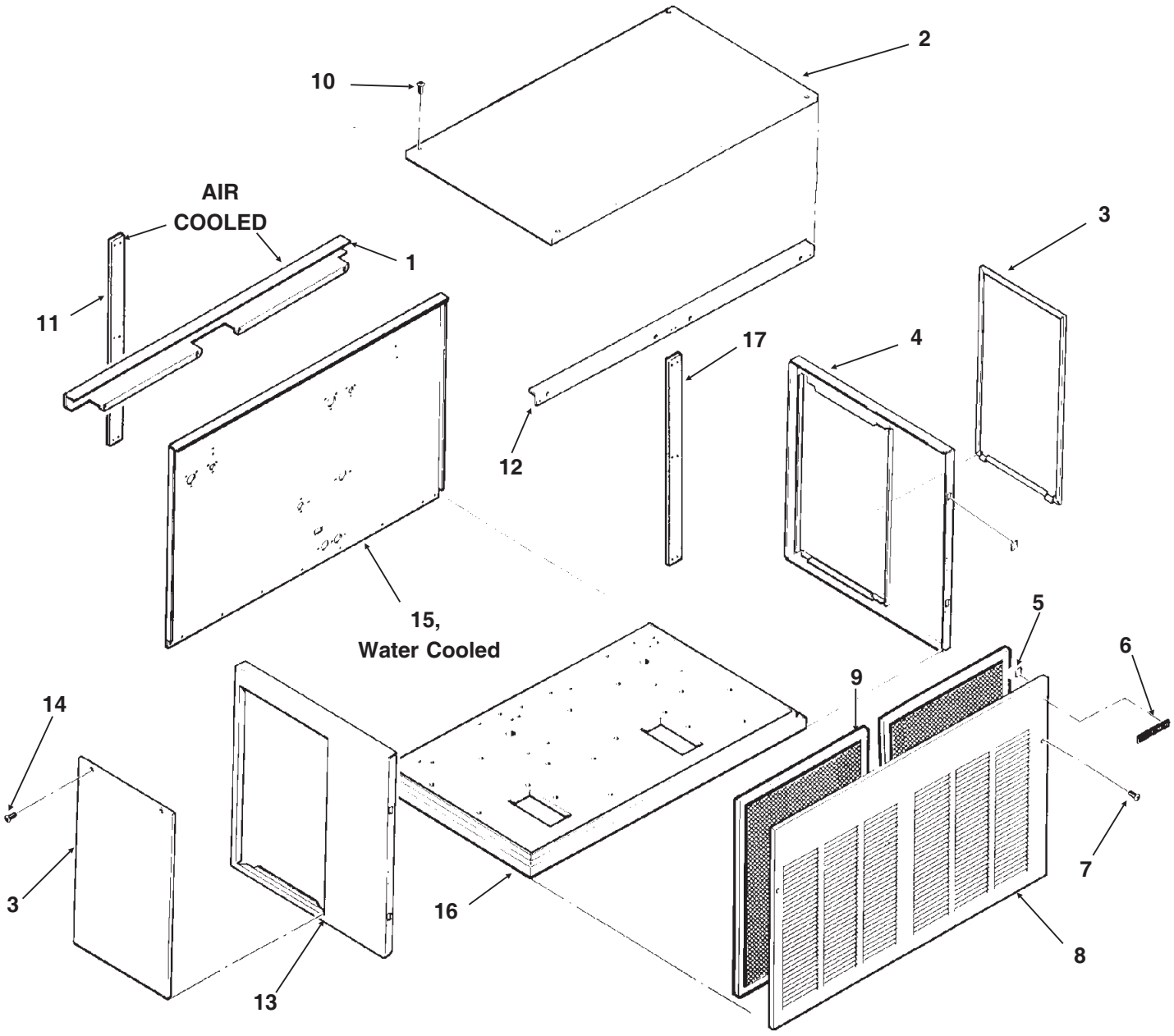
Control Box 8

Wiring Diagrams 9

FM2402 SERVICE PARTS



FM2402 SERVICE PARTS
Cabinet Assembly

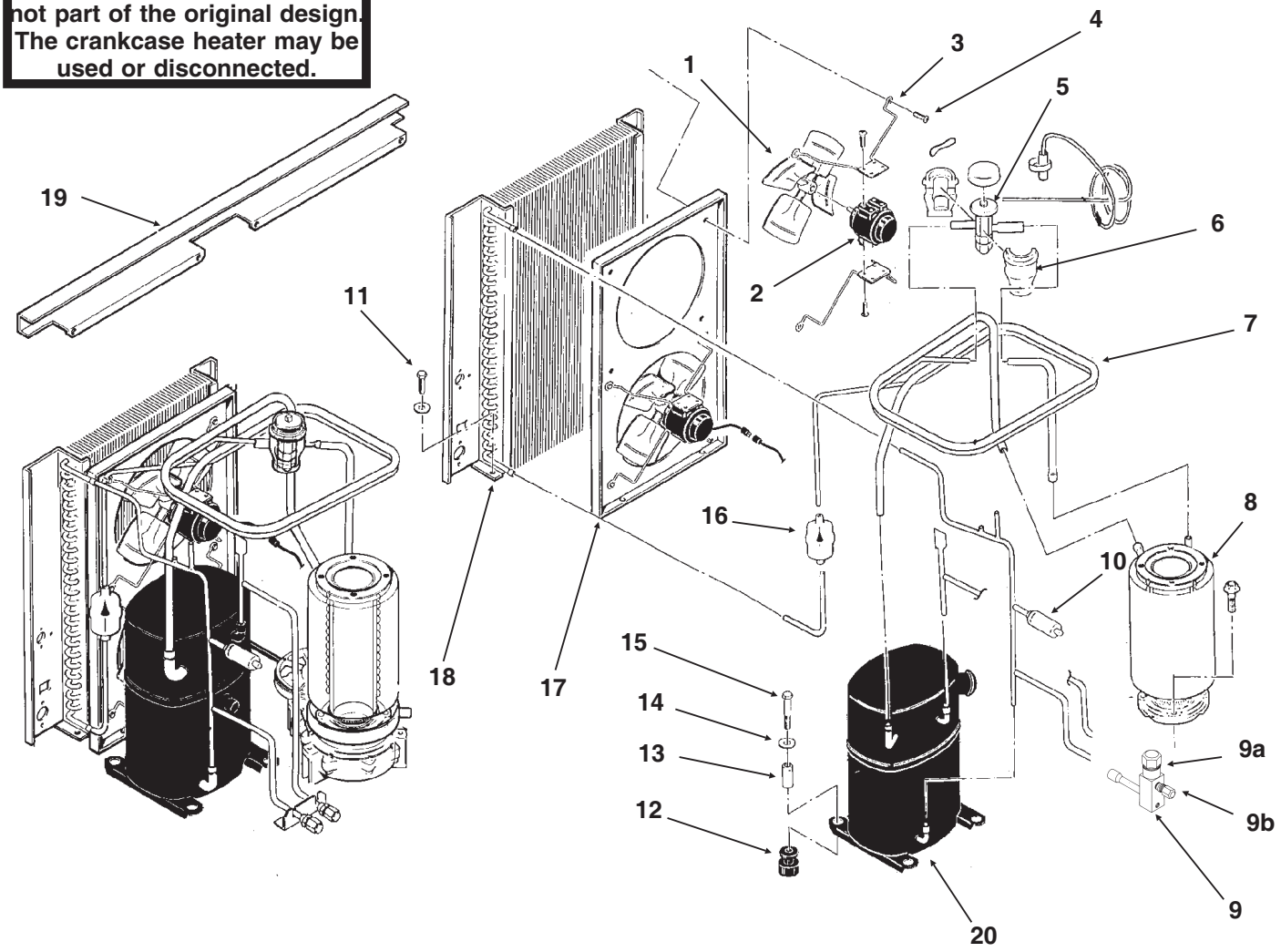


ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A34284-001	Condenser Support
2	A32461-001	Top Panel, Painted
	A32461-002	Top Panel, S.S.
3	A34038-001	Service Panel, Painted
	A34038-002	Service Panel, S.S.
4	A33292-001	Right Side Panel, Painted
	A33292-002	Right Side Panel, S.S.
5	03-0271-00	Speed Clip
6	15-0808-01	Emblem
7	03-1419-08	Screw
8	A34294-001	Front Panel, Painted
	A34294-002	Front Panel, S.S.

ITEM NUMBER	PART NUMBER	DESCRIPTION
9	02-2976-01	Filter Assembly (1)
10	03-1531-01	Screw
11	A34285-001	Filler Plate, Air Cooled
12	A34287-001	Support
13	A32435-001	Left Side Panel, Painted
	A32435-002	Left Side Panel, S.S.
14	03-1404-12	Screw
15	A34283-001	Rear Panel, Water Cooled Painted Only
16.	A34282-001	Base
17.	A34286-001	Center Support

FM2402 SERVICE PARTS
Air Cooled Refrigeration

NOTE: 60 cycle replacement Compressors include a crankcase heater which was not part of the original design. The crankcase heater may be used or disconnected.

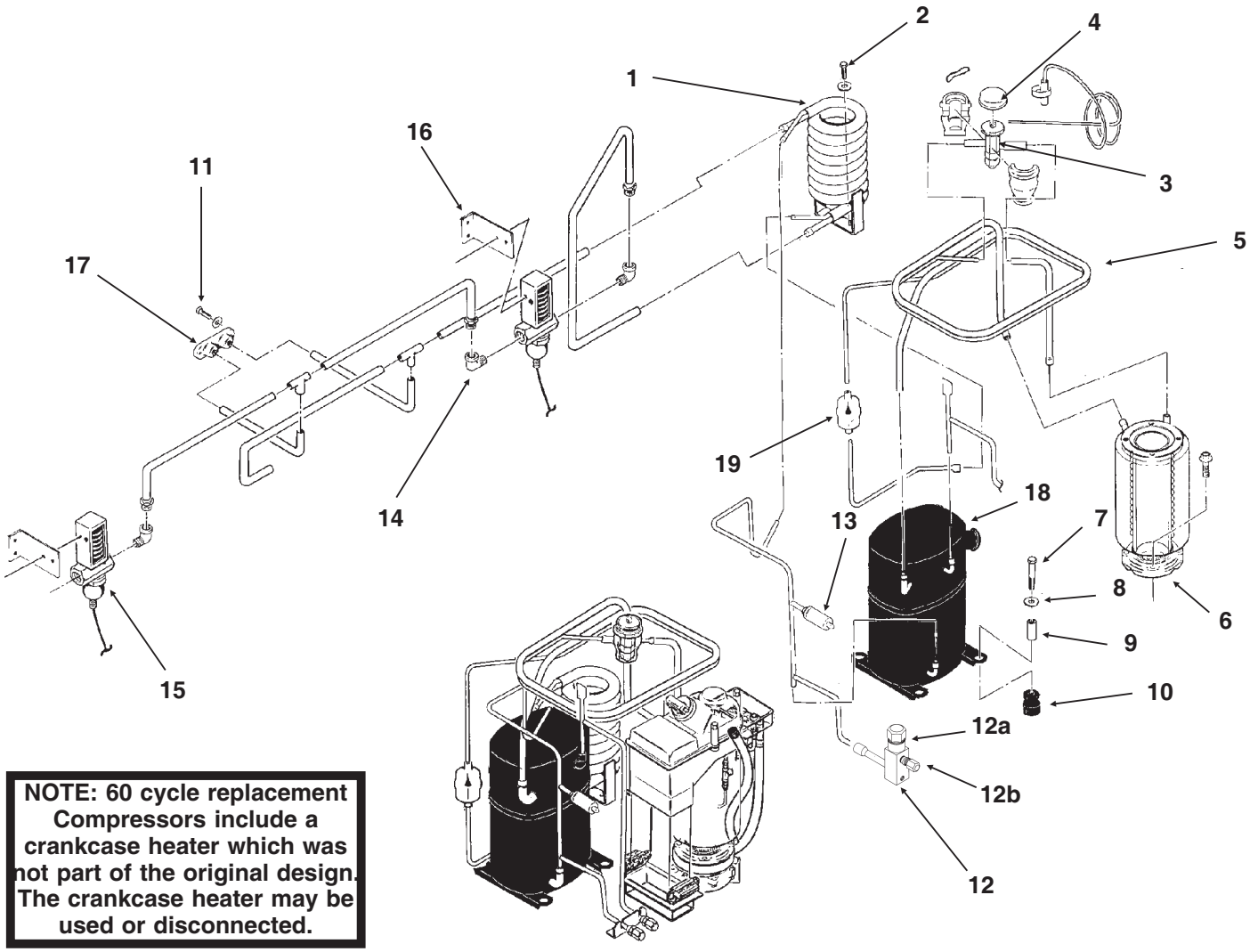


ITEM NUMBER	PART NUMBER	DESCRIPTION
1	18-3815-01	Fan Blade
2	12-1576-02	Fan Motor
3	A39047-001	Fan Bracket
4	03-1531-01	Screw
5	A32961-020	Insulation Kit (3 piece)
6	11-0477-20	Thermo Expansion Valve
7	A34050-001	Suction Line
8	A32890-020	Evaporator
9	16-0832-20	Access valve
9a	16-0832-02	Stem cap
9b	16-0832-03	Core cap
10	11-0446-27	Hi Pressure Cut Out
11	03-1645-01	Screw

ITEM NUMBER	PART NUMBER	DESCRIPTION
12	18-6800-01	Grommet
13	18-2300-27	Sleeve
14	03-1407-07	Washer
15	03-1405-20	Cap Screw
16	02-3319-02	Dryer
17	A33231-001	Fan Shroud
18	18-8717-01	Condenser
19	A34284-001	Condenser Support
20	18-8716-23	Compressor 208-230/60/1
	18-8716-25	Compressor 200-230/60/3
	18-8716-26	Compressor 220-240/50/1

(all have internal overloads & 18-8716-03, 18-8716-05 have crankcase heaters)

FM2402 SERVICE PARTS
Water Cooled Refrigeration

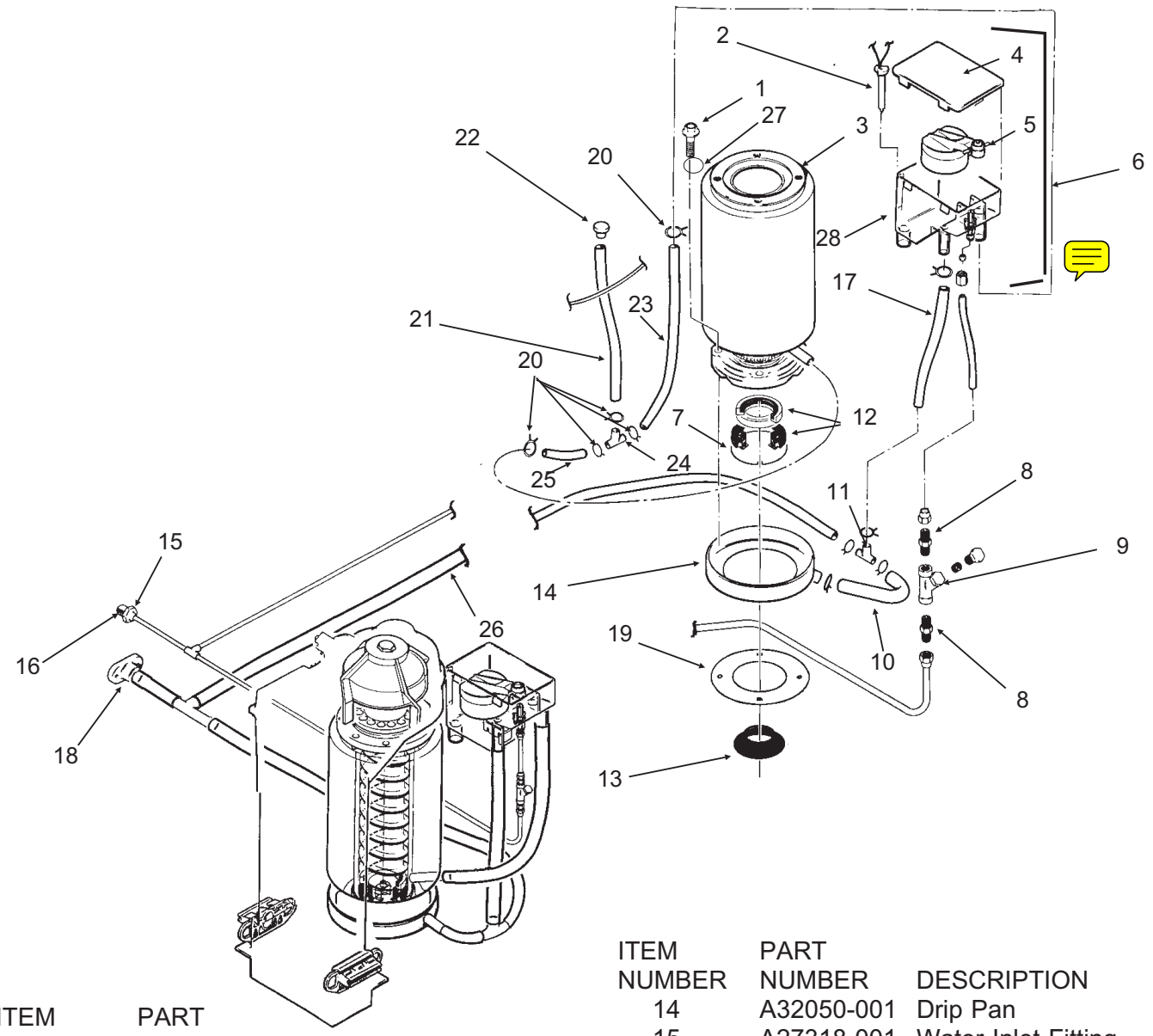


NOTE: 60 cycle replacement Compressors include a crankcase heater which was not part of the original design. The crankcase heater may be used or disconnected.

ITEM NUMBER	PART NUMBER	DESCRIPTION
1	18-8718-25	Condenser
2	03-1645-01	Screw
3	11-0477-20	Thermo Expansion Valve
4	A32961-020	Insulation Kit (3 piece)
5	A35566-001	Suction Line
6	A32890-020	Evaporator
7	03-1405-20	Cap Screw
8	03-1407-07	Washer
9	18-2300-27	Sleeve
10	18-6800-01	Grommet
11	03-1645-01	Screw
12	16-0832-20	Access valve
12a	16-0832-02	Stem cap
12b	16-0832-03	Core cap
13	11-0446-27	Hi Pressure Cut Out
14	16-0401-02	Elbow
15	11-0424-01	Water Reg. Valve
16	A34341-001	Bracket
17	A34291-001	Drain Assembly
18	18-8716-23	Compressor 208-230/60/1
	18-8716-25	Compressor 200-230/60/3
	18-8716-26	Compressor 220-240/50/1
(all have internal overloads & 60 cycle compressors have crankcase heaters)		
19	02-3319-02	Dryer

FM2402 SERVICE PARTS

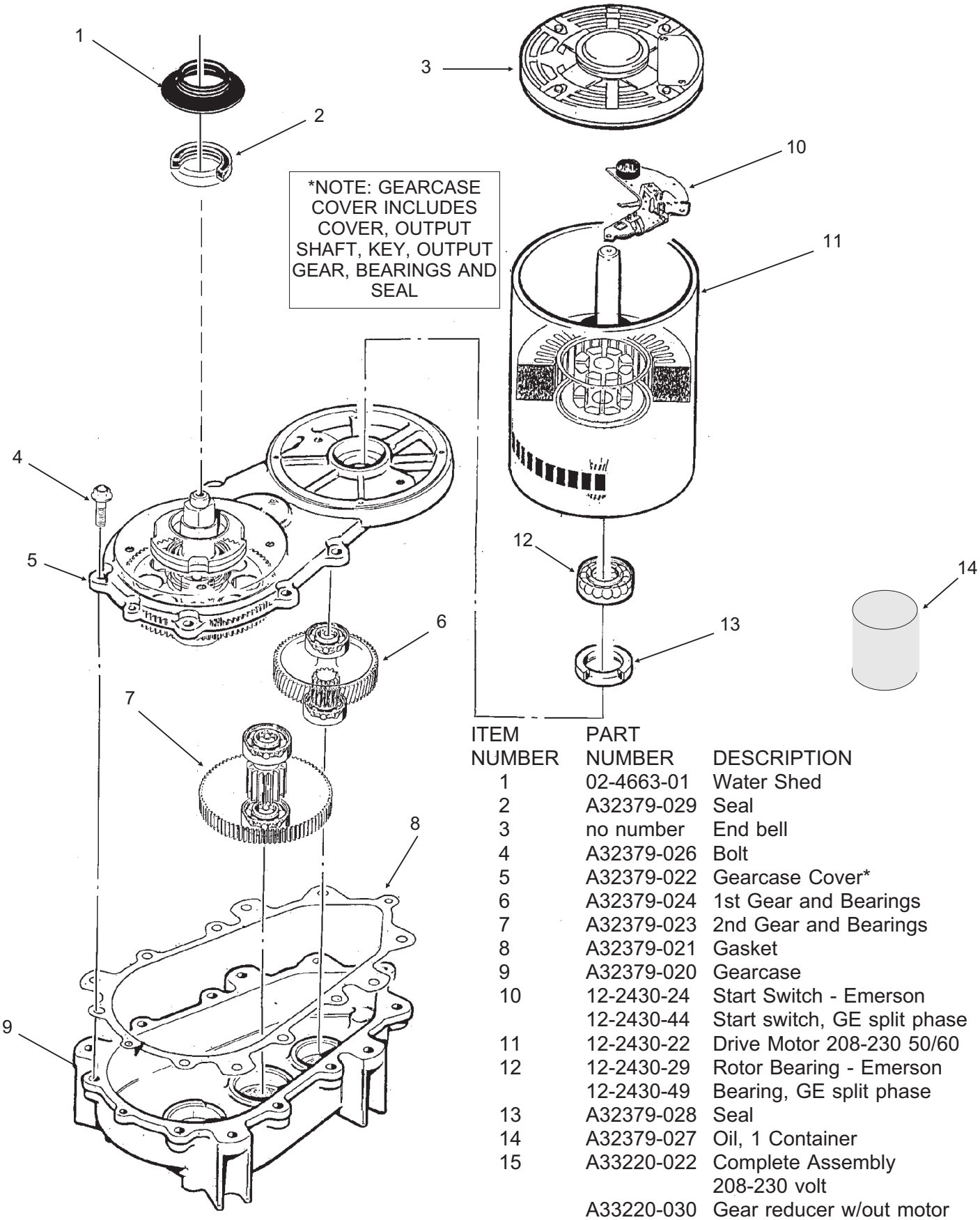
Water System



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	03-1420-03	Cap Screw
2	A33101-022	Water Level Sensor
3	A32890-020	Evaporator
4	02-2936-01	Res. Cover
5	A32907-001	Float Assembly with pin housing seal, rubber seal, insert & float
	02-3190-01	Rubber seat
6	A32929-020	Reservoir Assy Complete
7	A32777-001	Retaining Ring for seal
8	16-0791-01	Half Union
9	16-0162-00	Strainer
10	13-0079-03	Tube, 6.5" req.
11	16-0670-02	Tee
12	02-0929-23	Water Seal
13	02-4663-01	Water Shed

ITEM NUMBER	PART NUMBER	DESCRIPTION
14	A32050-001	Drip Pan
15	A27318-001	Water Inlet Fitting
16	03-1394-01	Pal Nut
17	13-0079-03	Res. Overflow, 8" req.
18	A32282-001	Drain Casting, air cooled
19	13-0704-00	Gasket
20	02-2814-08	Clamps
21	13-0674-06	Evap. Drain, 14" req.
22	13-0840-01	Plug
23	13-0674-06	Evap. Inlet Tube, 5" req.
24	16-0670-01	Tee
25	A33203-001	Tube, Preformed
26	13-0079-03	Drain Tube, 24" req.
27	03-1417-13	Lockwasher
28	13-0230-00	Rubber cap
29	02-2814-01	Clamp

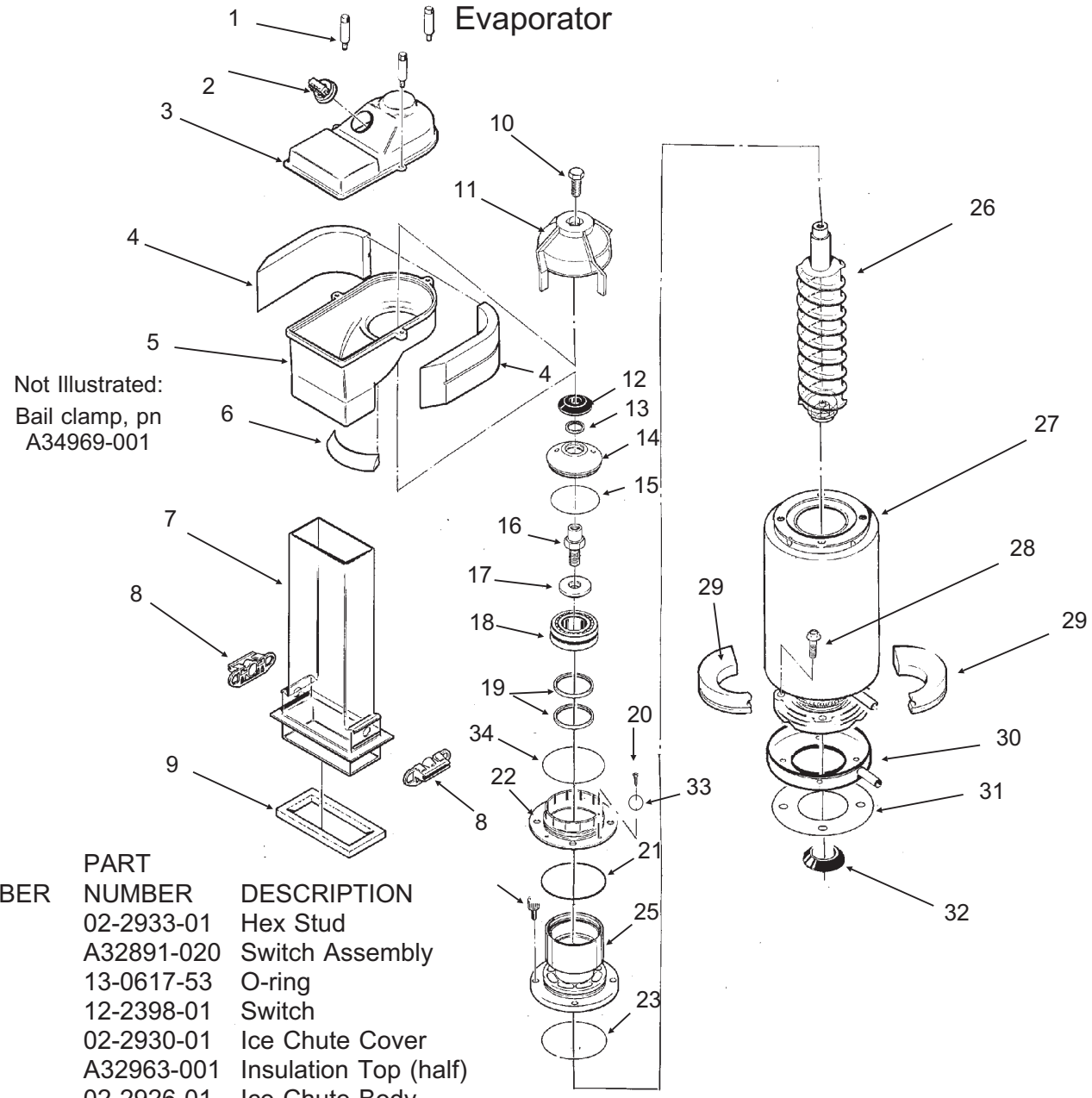
FM2402 SERVICE PARTS
Gearmotor



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	02-4663-01	Water Shed
2	A32379-029	Seal
3	no number	End bell
4	A32379-026	Bolt
5	A32379-022	Gearcase Cover*
6	A32379-024	1st Gear and Bearings
7	A32379-023	2nd Gear and Bearings
8	A32379-021	Gasket
9	A32379-020	Gearcase
10	12-2430-24	Start Switch - Emerson
	12-2430-44	Start switch, GE split phase
11	12-2430-22	Drive Motor 208-230 50/60
12	12-2430-29	Rotor Bearing - Emerson
	12-2430-49	Bearing, GE split phase
13	A32379-028	Seal
14	A32379-027	Oil, 1 Container
15	A33220-022	Complete Assembly 208-230 volt
	A33220-030	Gear reducer w/out motor

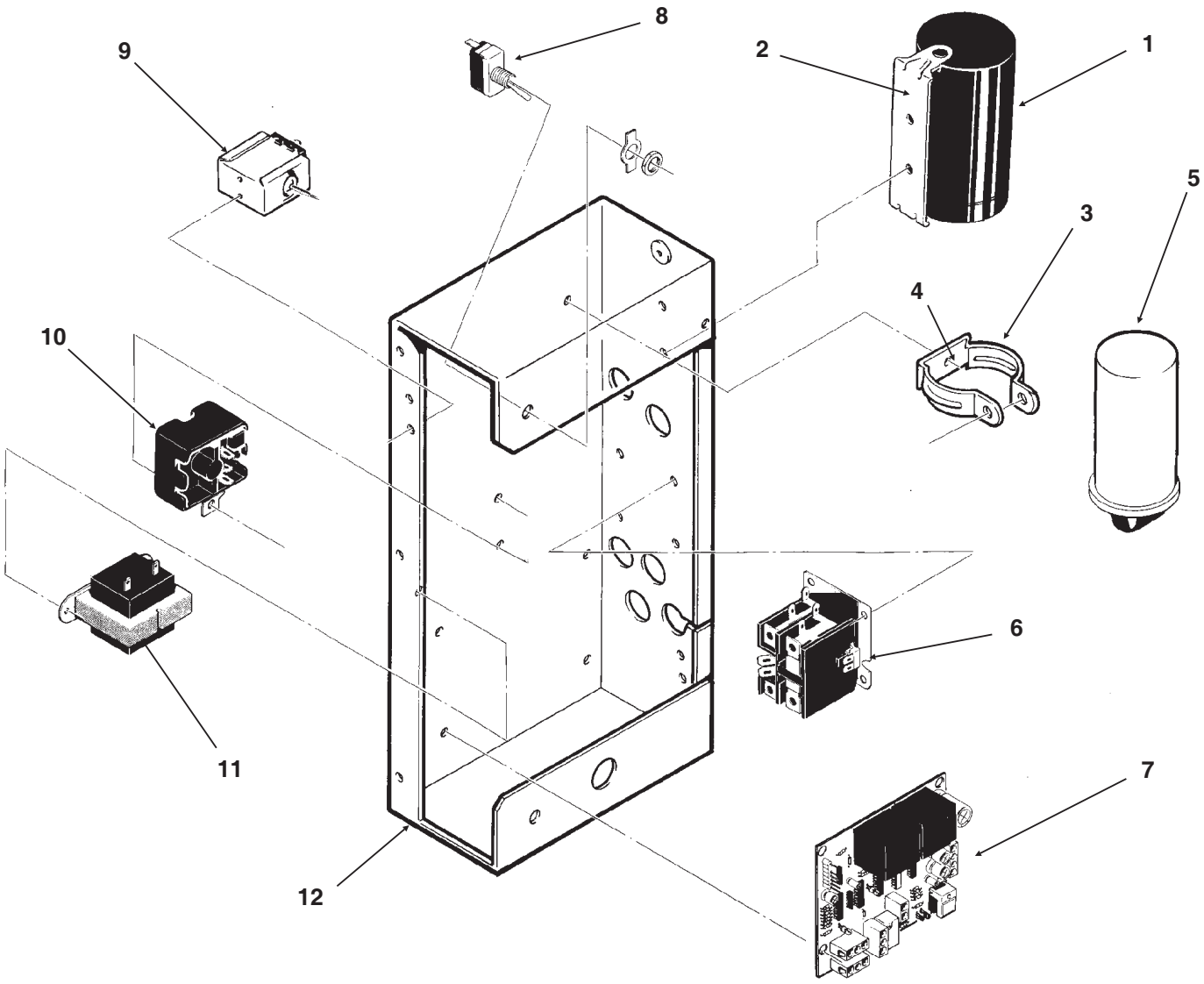
FM2402 SERVICE PARTS

Evaporator



ITEM NUMBER	PART NUMBER	DESCRIPTION
1.	02-2933-01	Hex Stud
2.	A32891-020	Switch Assembly
	13-0617-53	O-ring
	12-2398-01	Switch
3.	02-2930-01	Ice Chute Cover
4.	A32963-001	Insulation Top (half)
5.	02-2926-01	Ice Chute Body
6.	A33102-001	Insulation Collar Inside
	A35419-020	Strap kit
7.	02-2929-01	Ice Chute Lower
8.	A37708-021	Bin Controls Assy. (set of 2)
9.	A32930-001	Chute Gasket
10.	03-1405-52	Hex Cap Screw
11.	02-3001-01	Ice Sweep
12.	13-0871-01	Water Shed
13.	02-2978-01	Lip Seal
14.	02-3128-20	Breaker Cover
15.	13-0617-54	O-Ring
16.	08-0660-01	Auger Stud, includes #17
17.	no number	Washer, part of #16
18.	A34559-020	Bearing
19.	02-2977-01	Lip Seal
20.	03-1405-27	Screw
21.	13-0617-52	O-Ring
22.	02-2916-01	Slotted Collar
23.	13-0617-45	O-Ring
24.	03-1544-08	Soc. Head Screw
25.	A34505-020	Breaker (Divider)
(includes 12, 13, 14, 15, 18, 19 & 23)		
26.	A38071-022	Auger
27.	A32890-020	Evaporator
28.	03-1420-03	Cap Screw
29.	02-4358-01	Insulation
30.	A32050-001	Drip Pan
31.	13-0704-00	Drip Pan Gasket
32.	02-4663-01	Water Shed
33.	03-1408-36	Washer
34.	13-0617-49	O-Ring

FM2402 SERVICE PARTS
Control Box



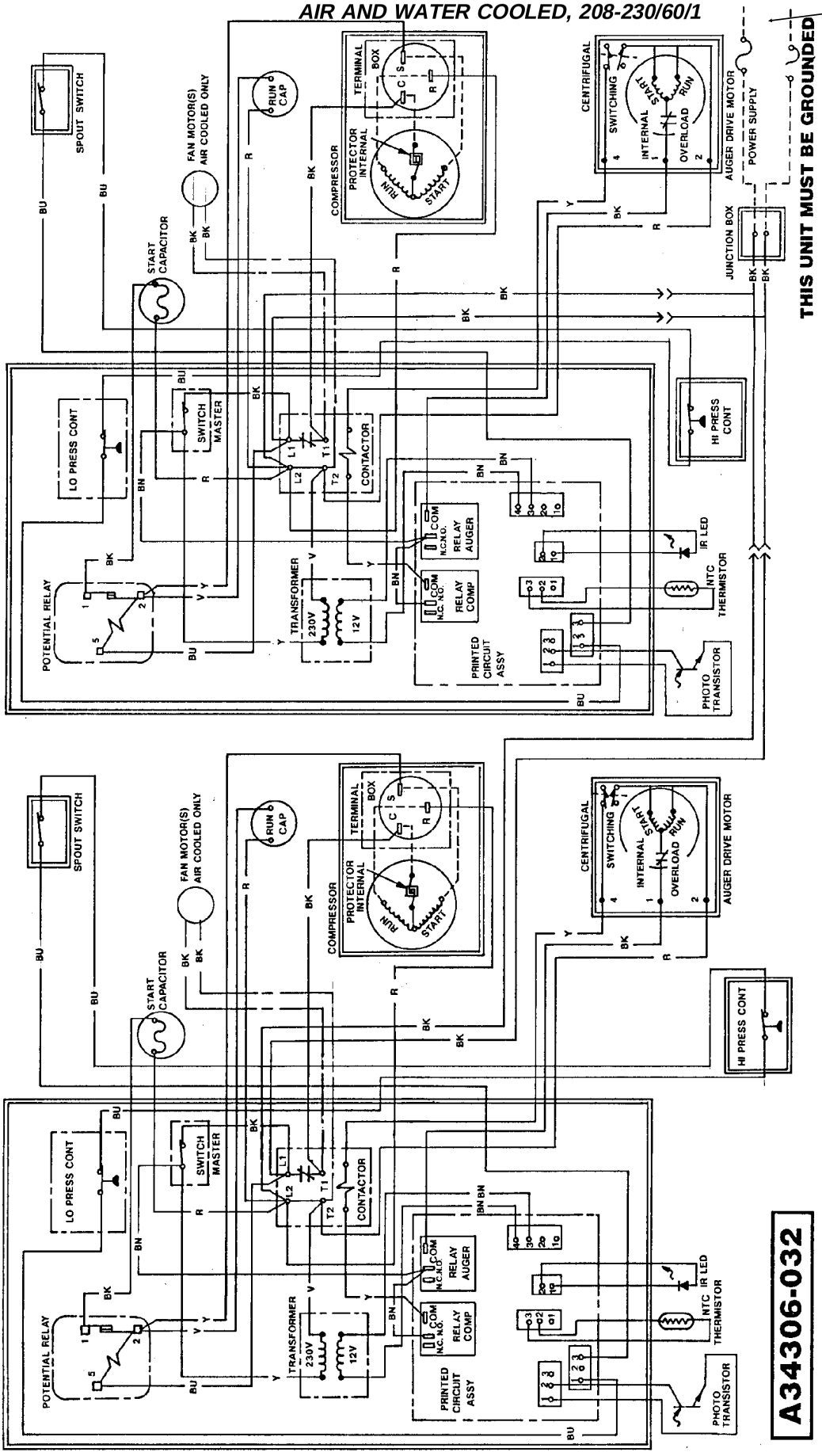
ITEM NUMBER	PART NUMBER	DESCRIPTION
1	18-1901-15	Start Capacitor, 60 HZ
	18-1901-23	Start Capacitor, 50 HZ
	18-2200-38	Start Capacitor Cap.
2.	18-2200-39	Start Capacitor Bracket
	03-1638-04	Screw
	03-1417-15	Lockwasher
3.	A32872-001	Run Cap Bracket
	03-1652-02	Bolt
	03-0255-04	Wing Nut
4.	03-1638-03	Screw
5.	18-1902-53	Run Capacitor, all
6.	12-2469-02	Single Phase Contactor
	12-0739-02	Three Phase Contactor

ITEM NUMBER	PART NUMBER	DESCRIPTION
7	A37750-022	Circuit Board
8.	12-0426-01	Master Switch
9.	11-0447-20	Low Pressure Control
10	18-1903-33	Potential Relay 60 HZ
	18-1903-46	Potential Relay, 50 HZ
11.	12-2285-22	Transformer
12	no number	Control Box
NOT ILLUSTRATED		
13.	12-2337-02	3 Pin Plug Assy (Safety Circuit to Circuit Board)
14.	12-2340-01	4 Pin Plug Assy (Transformer to Circuit Board)
15	A34055-001	Control Box Cover

Note: HZ means cycles, 50 HZ is 50 cycle. The model number ends in -6 for 50 HZ models.

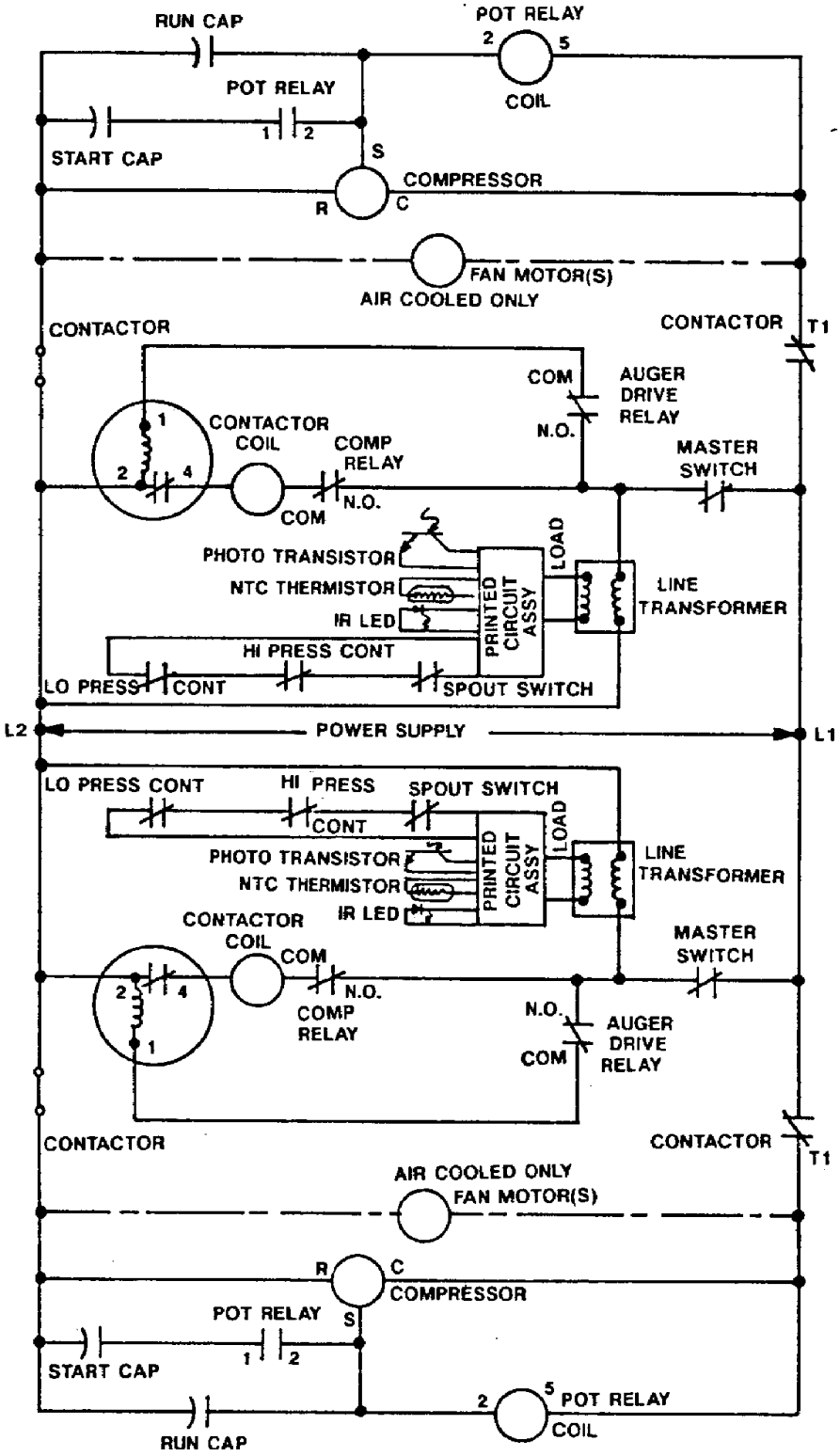
FM2402 SERVICE PARTS

AIR AND WATER COOLED, 208-230/60/1



FM2402 SERVICE PARTS

AIR AND WATER COOLED, 208-230/60/1



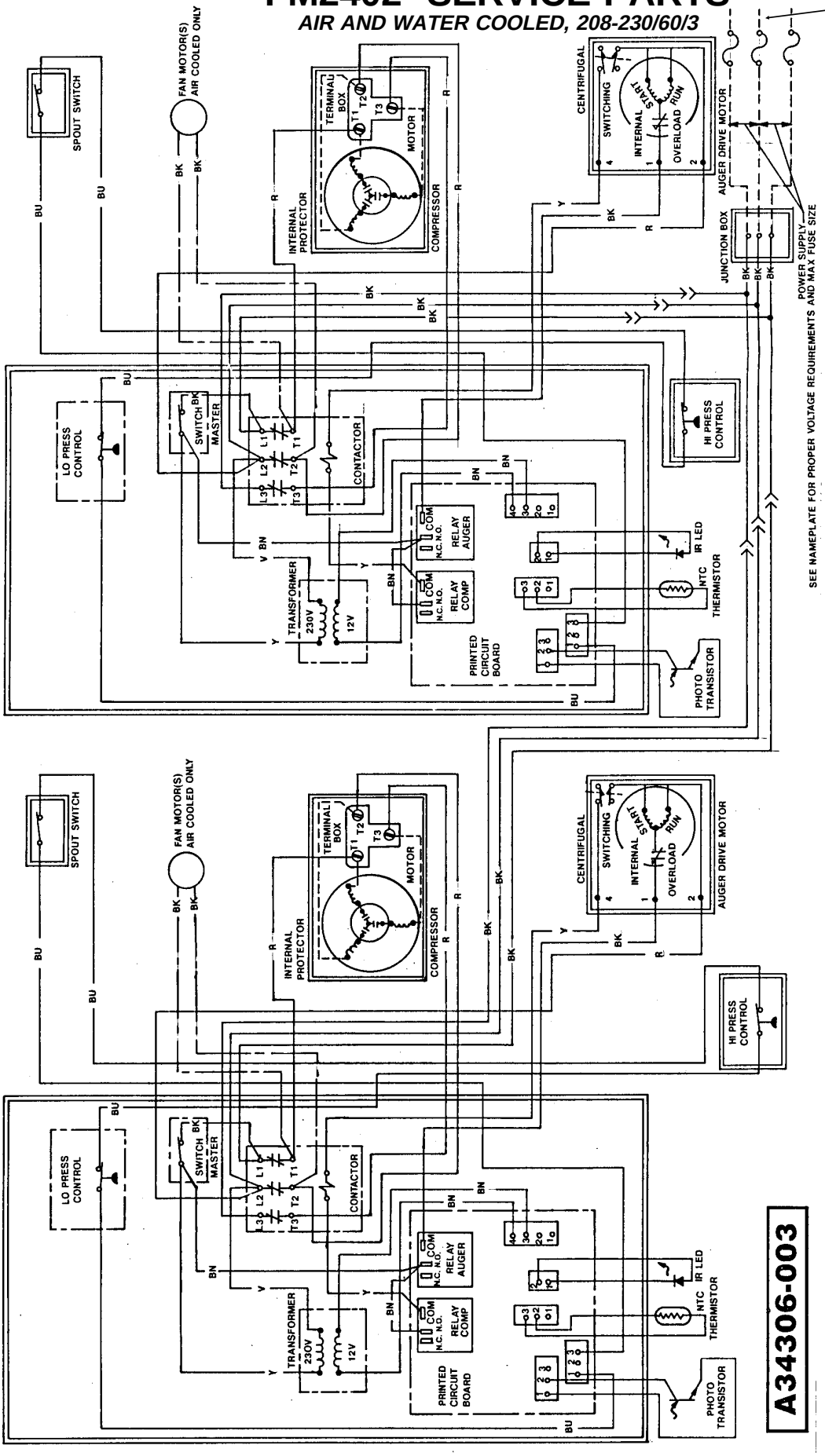
USE COPPER CONDUCTORS ONLY

ALL CONTROLS SHOWN IN NORMAL ICEMAKING MODE

THIS UNIT MUST BE GROUNDED

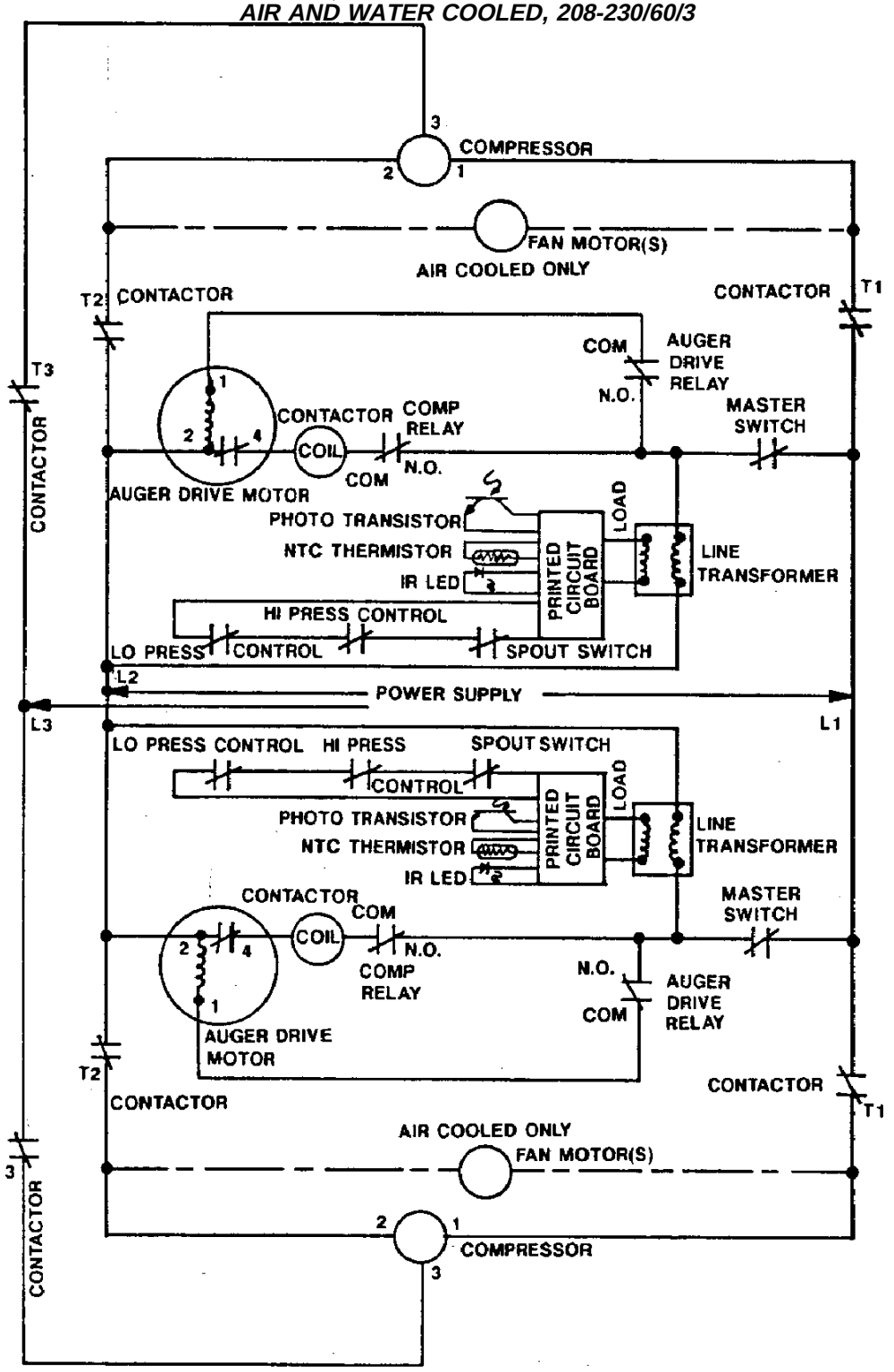
FM2402 SERVICE PARTS

AIR AND WATER COOLED, 208-230/60/3



FM2402 SERVICE PARTS

AIR AND WATER COOLED, 208-230/60/3



USE COPPER CONDUCTORS ONLY
ALL CONTROLS SHOWN IN NORMAL ICEMAKING MODE
THIS UNIT MUST BE GROUNDED