FM2402R 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.

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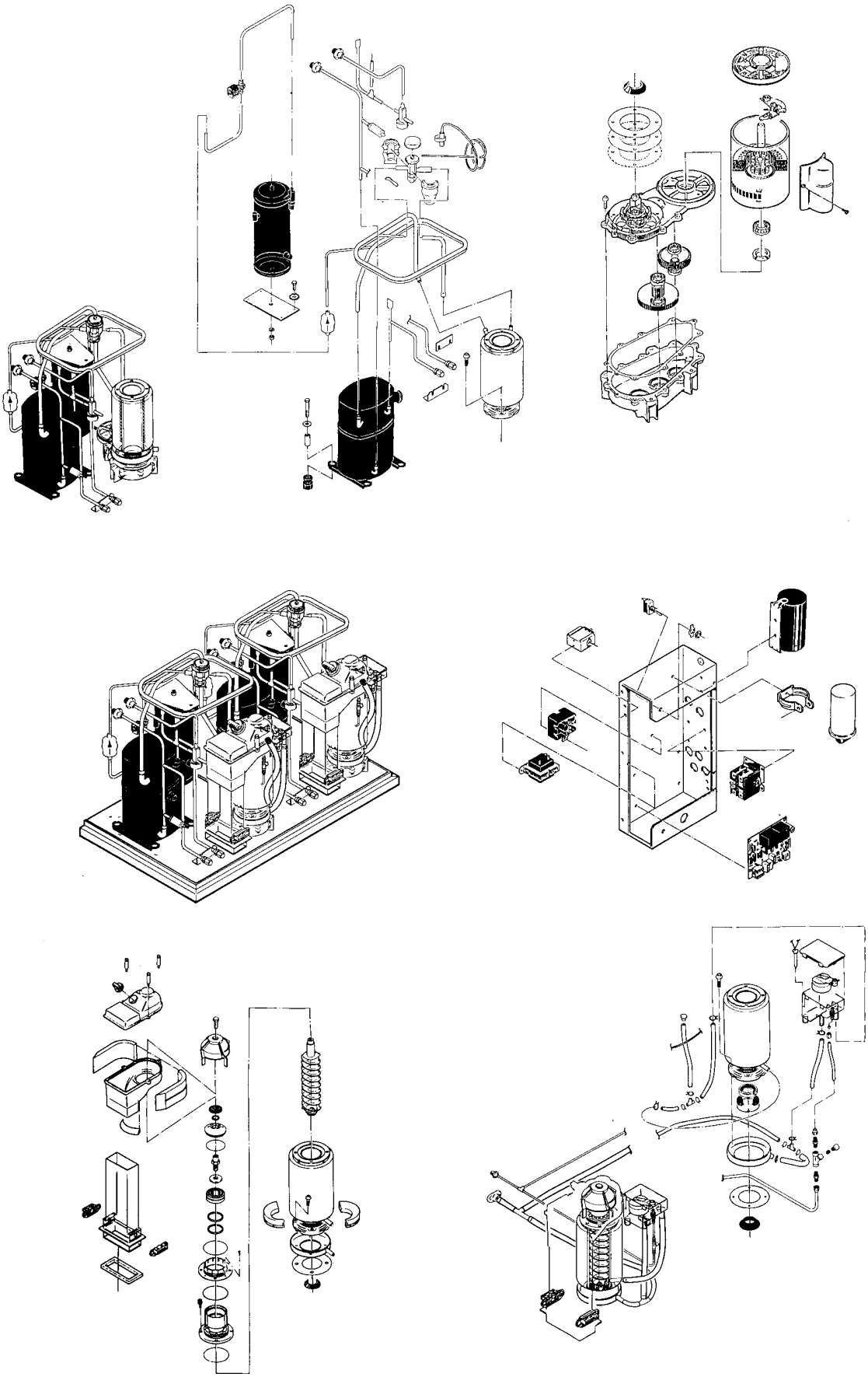
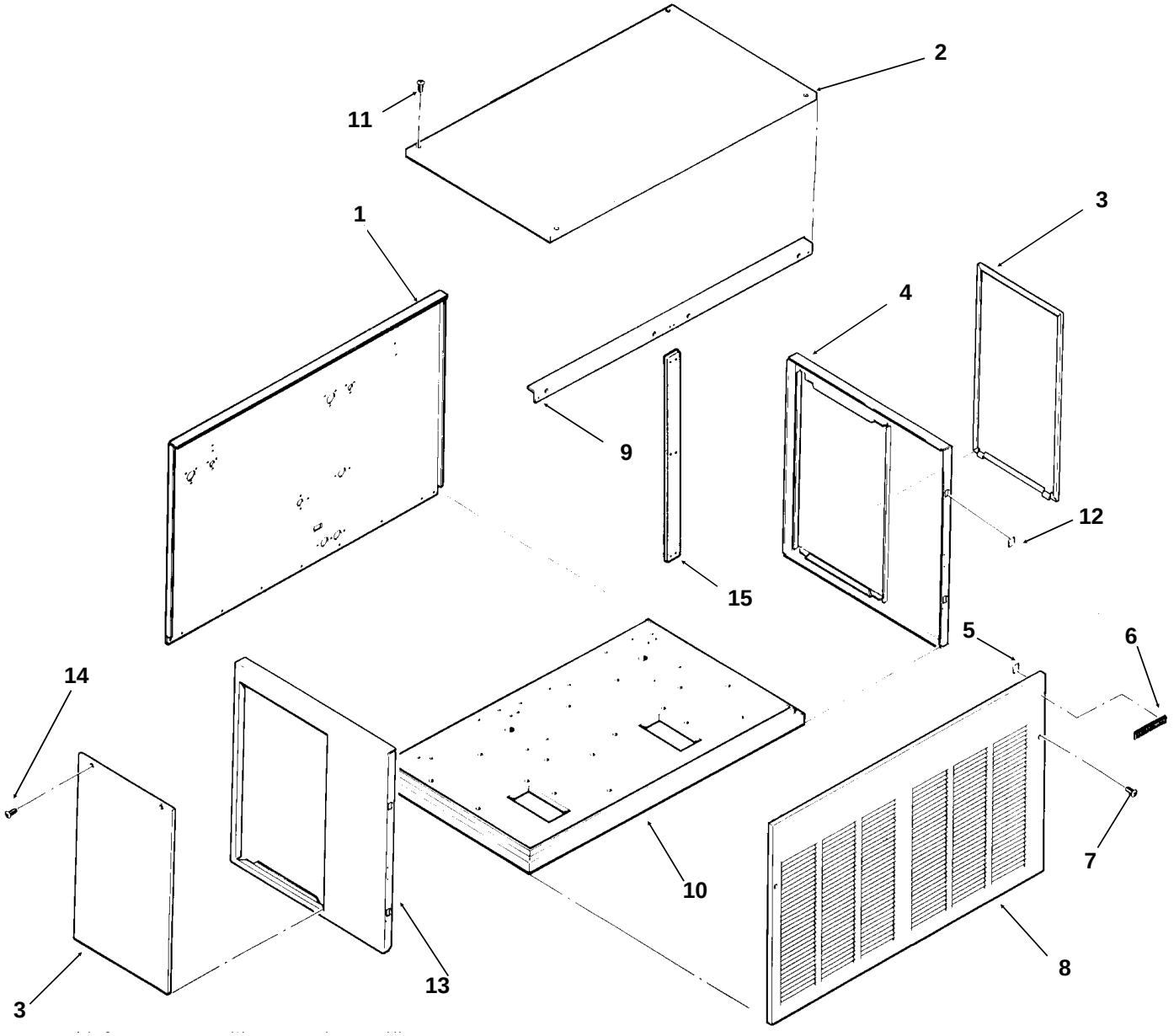
FM2402R SERVICE PARTS



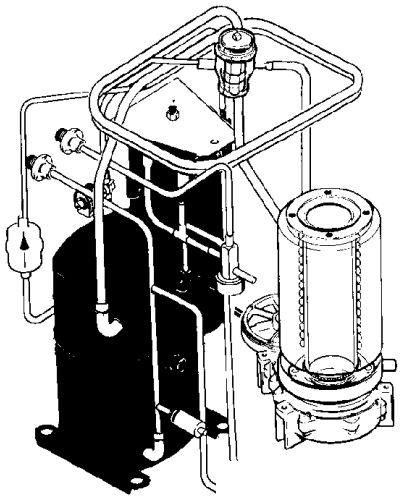
FM2402R SERVICE PARTS
Cabinet Assembly

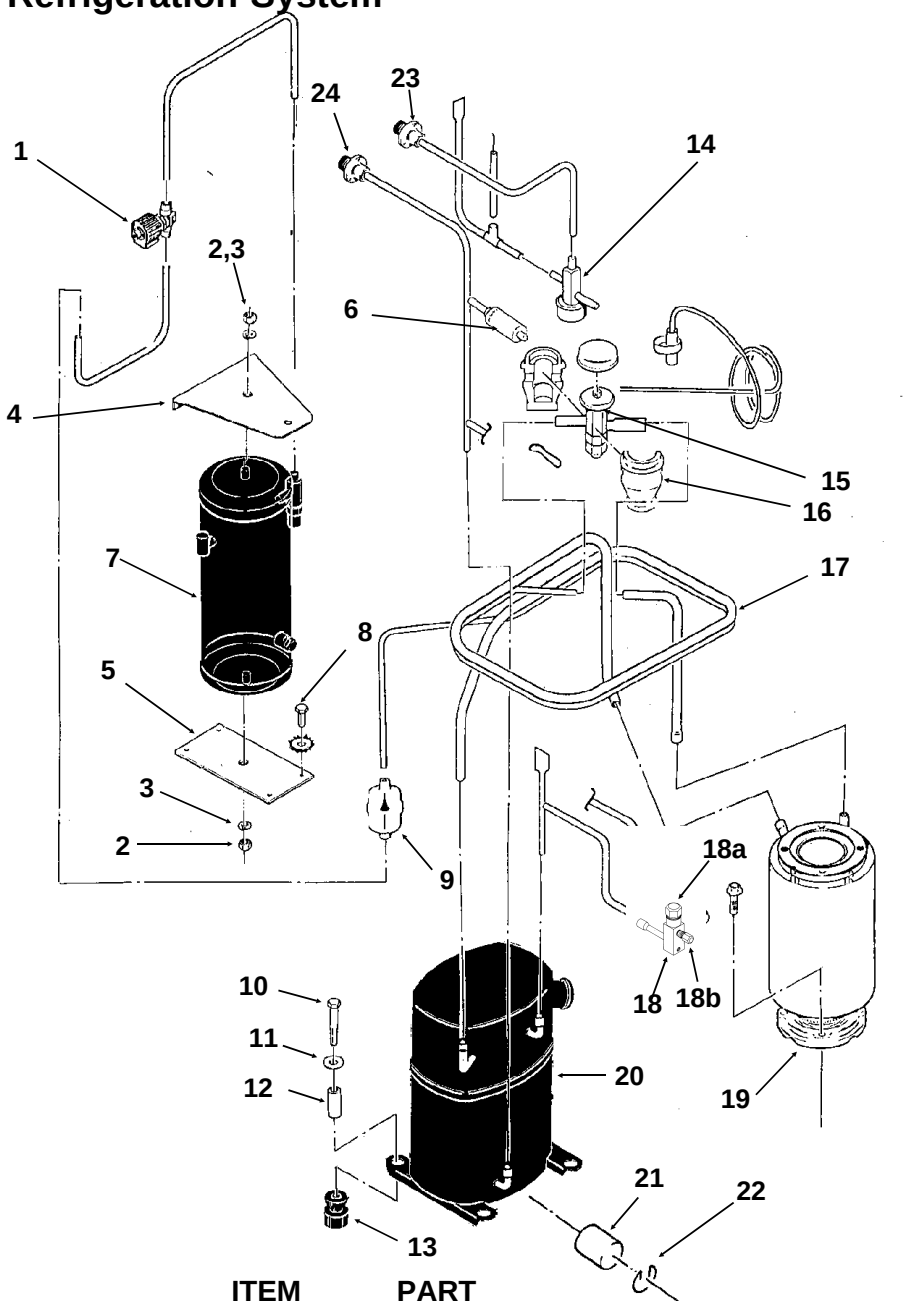


ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A34283-001	Back Panel, Painted	9	A34287-001	Support
2	A32461-001	Top Panel, Painted	10	A34282-001	Base
	A32461-002	Top Panel, S.S.	11	03-1531-01	Screw
3	A34038-001	Service Panel, Painted	12	02-0836-00	Catch
	A34038-002	Service Panel, S.S.	13	A32435-001	Left Side Panel, Painted
4	A33292-001	Right Side Panel, Painted		A32435-002	Left Side Panel, S.S.
	A33292-002	Right Side Panel, S.S.	14	03-1404-12	Screw
5	03-0271-00	Speed Clip	15.	A34286-001	Center Support
6	15-0711-01	Emblem			
7	03-1419-08	Screw			
8	A34294-001	Front Panel, Painted			
	A34294-002	Front Panel, S.S.			

FM2402R SERVICE PARTS
Refrigeration System

NOTE: Compressors have internal overloads.

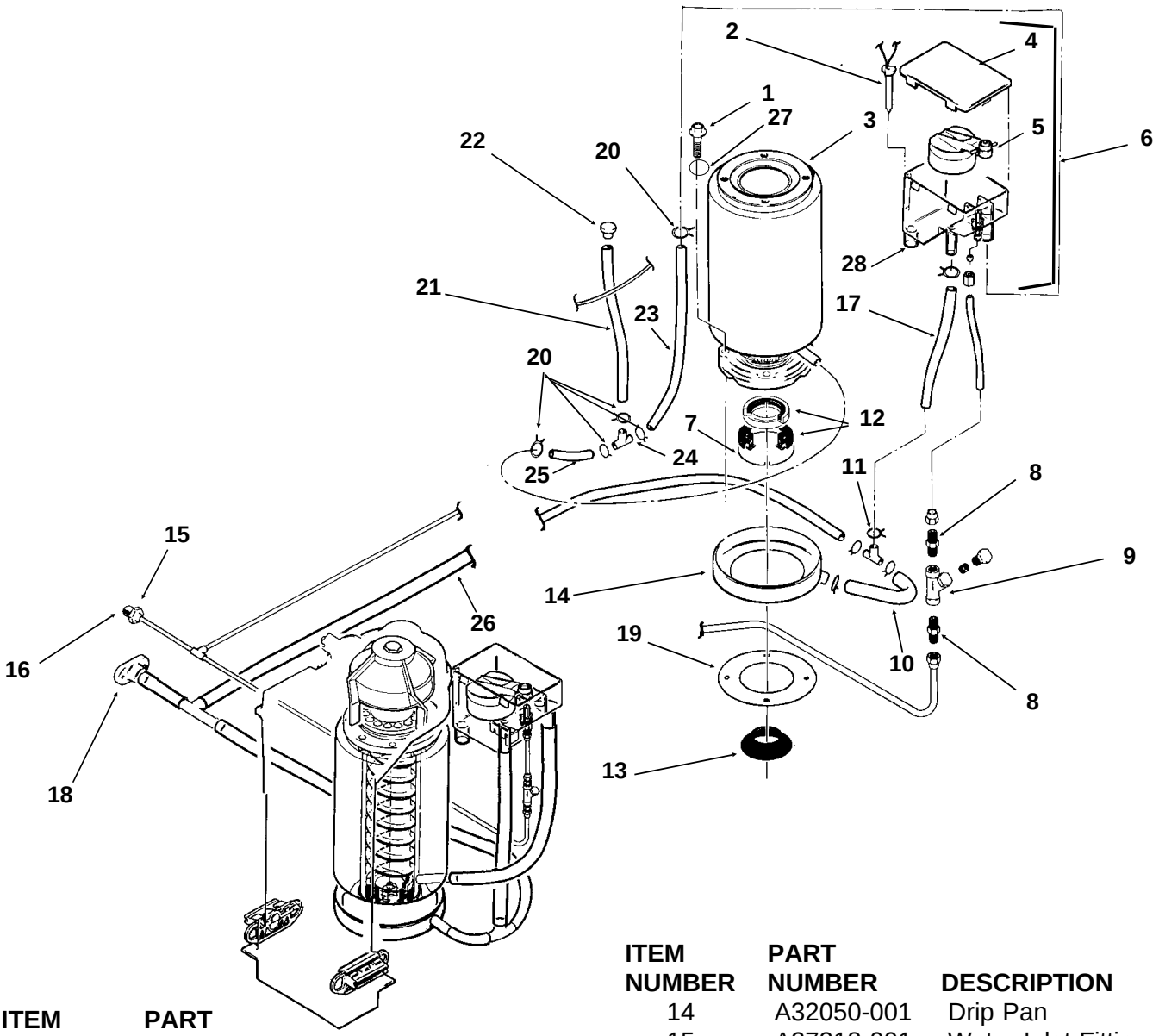




ITEM NUMBER	PART NUMBER	DESCRIPTION
1	12-2257-21	Liquid Line Valve
2	03-1406-13	Nut
3	03-1410-06	Washer
4	A32968-001	Receiver Brace
5	A31801-002	Receiver Mount
6	11-0446-27	Hi Pressure Cut Out
7	16-0761-01	Receiver
8	03-1645-01	Cap Screw
9	02-3319-02	Dryer
10	03-1405-20	Cap Screw
11	03-1407-07	Washer
12	18-2300-27	Sleeve

ITEM NUMBER	PART NUMBER	DESCRIPTION
13	18-6800-01	Rubber Grommet
14	11-0422-22	Head Pressure Valve
15	11-0477-20	Thermo Expansion Valve
16	A32961-020	Insulation Kit for TXV
17	A35566-001	Suction Line
18	16-0832-20	Access valve
	16-0832-02	Stem cap
	16-0832-03	Core cap
19	A32890-020	Evaporator
20	18-8716-23	Compressor (1 Phase)
	18-8716-25	Compressor (3 Phase)
21	18-2308-01	Crankcase Heater
22	18-2309-01	Clip
23	16-0701-06	3/8" male half

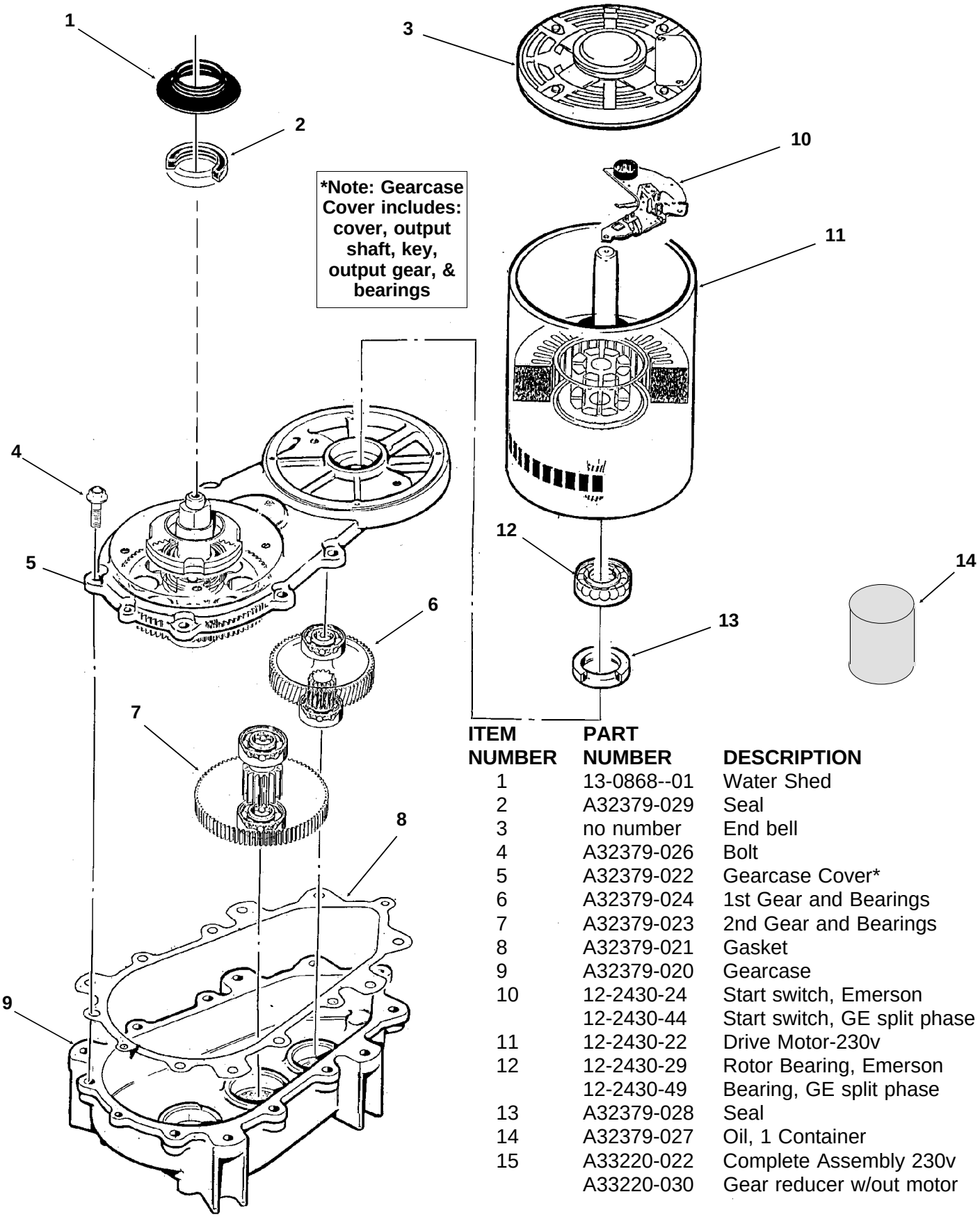
FM2402R SERVICE PARTS
Water System, Water Seal



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 seat, insert & float
	02-3190-01	Rubber seat
6	A32929-020	Reservoir Assembly
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	13-0868-01	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	A3282-004	Drain Casting
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
	02-2814-01	Clamp

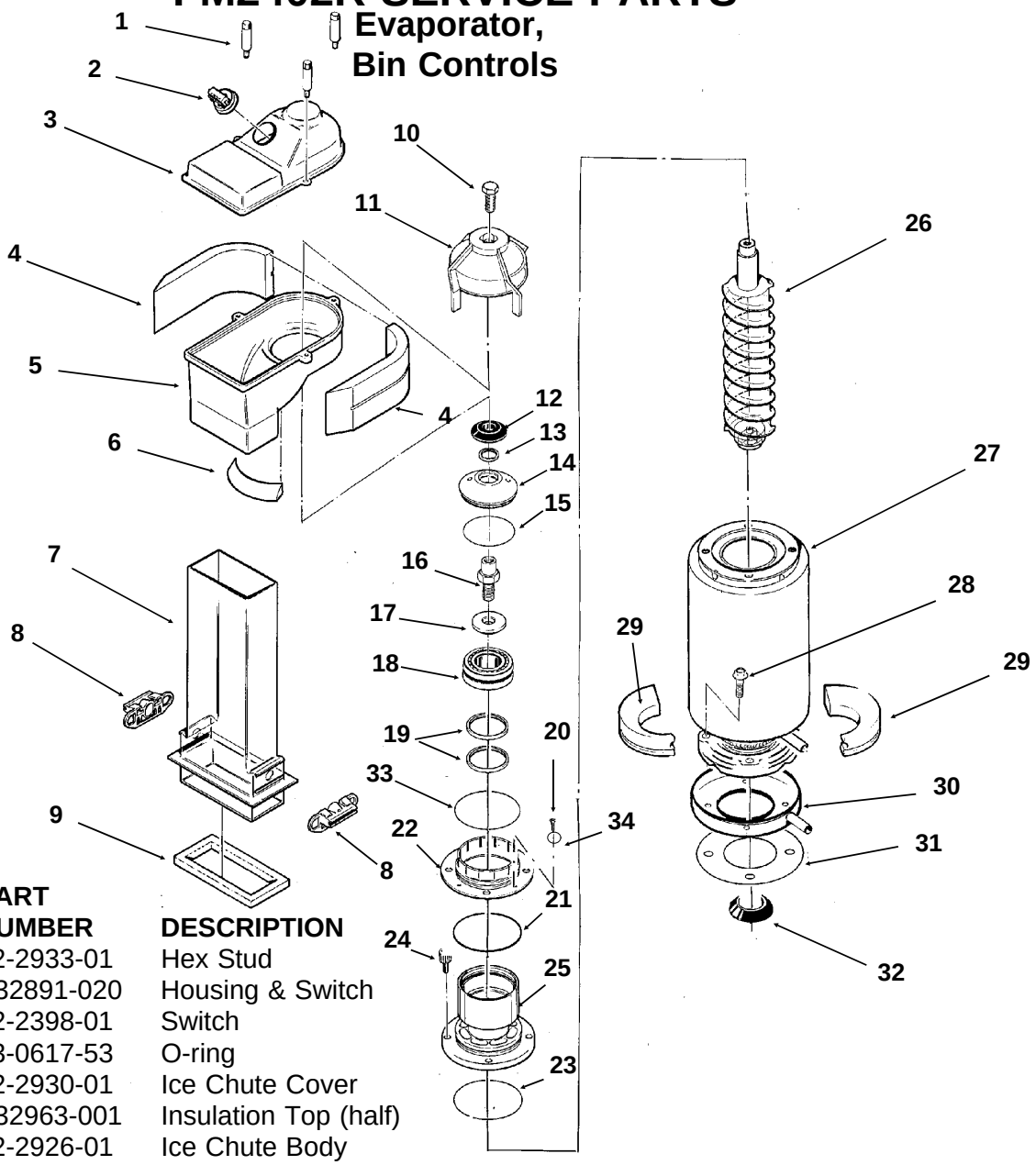
FM2402R SERVICE PARTS
Gearmotor



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	13-0868--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-230v
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 230v
	A33220-030	Gear reducer w/out motor

FM2402R SERVICE PARTS

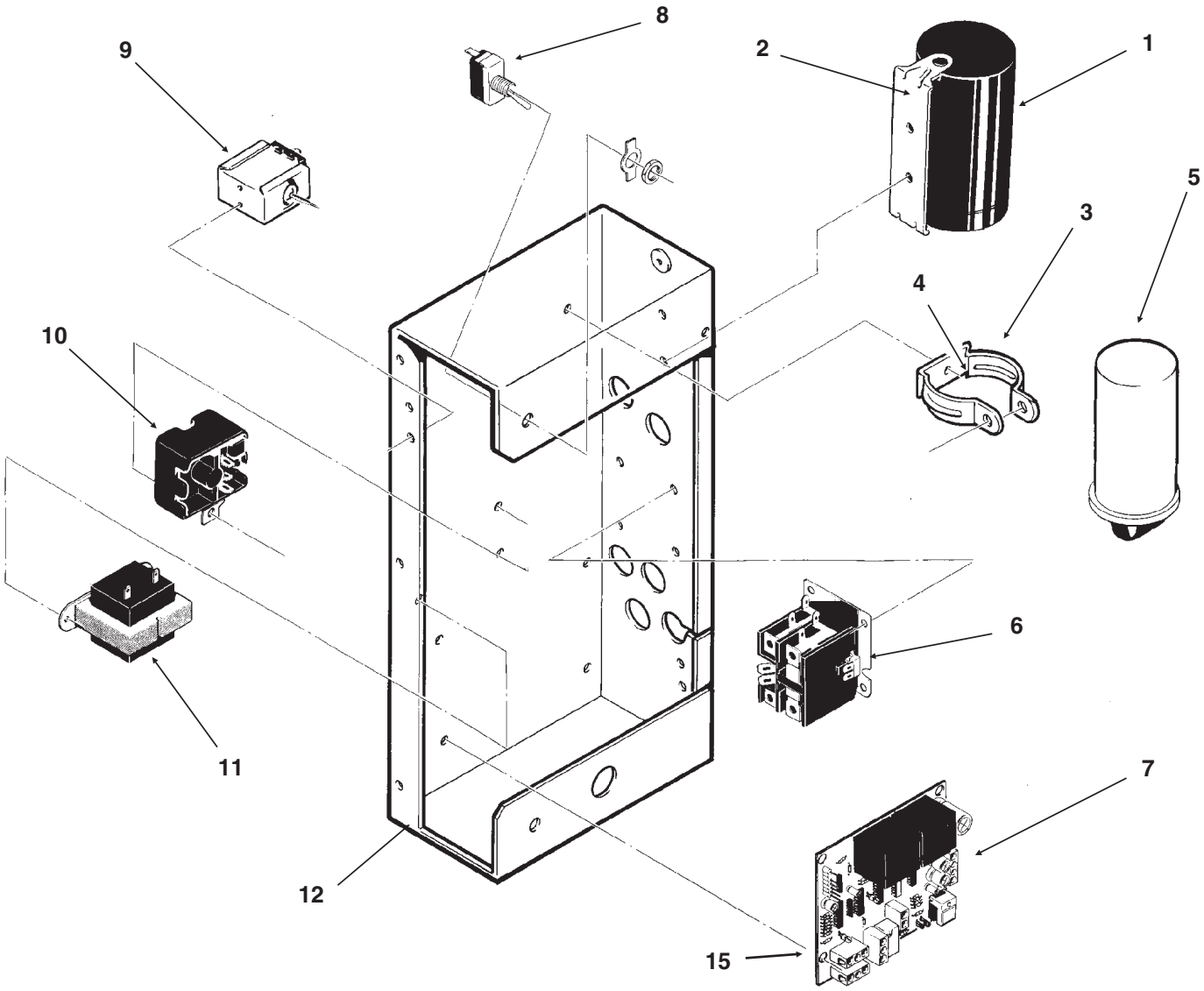
Evaporator, Bin Controls



Bail clamp. pn A34969-001

ITEM NUMBER	PART NUMBER	DESCRIPTION
1.	02-2933-01	Hex Stud
2.	A32891-020	Housing & Switch
	12-2398-01	Switch
	13-0617-53	O-ring
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, inludes #17
17.	no number	Washer, part of #16
18.	A34559-020	Bearing
19.	02-2977-01	Lip Seal
20.	03-1403-27	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.	A32962-001	Insulation Bot. (half)
30.	A32050-001	Drip Pan
31.	13-0704-00	Drip Pan Gasket
32.	13-0868-01	Water Shed
33.	13-0617-49	O-ring
34.	03-1408-36	Washer
35	A34969-001	Bail clamp, not shown

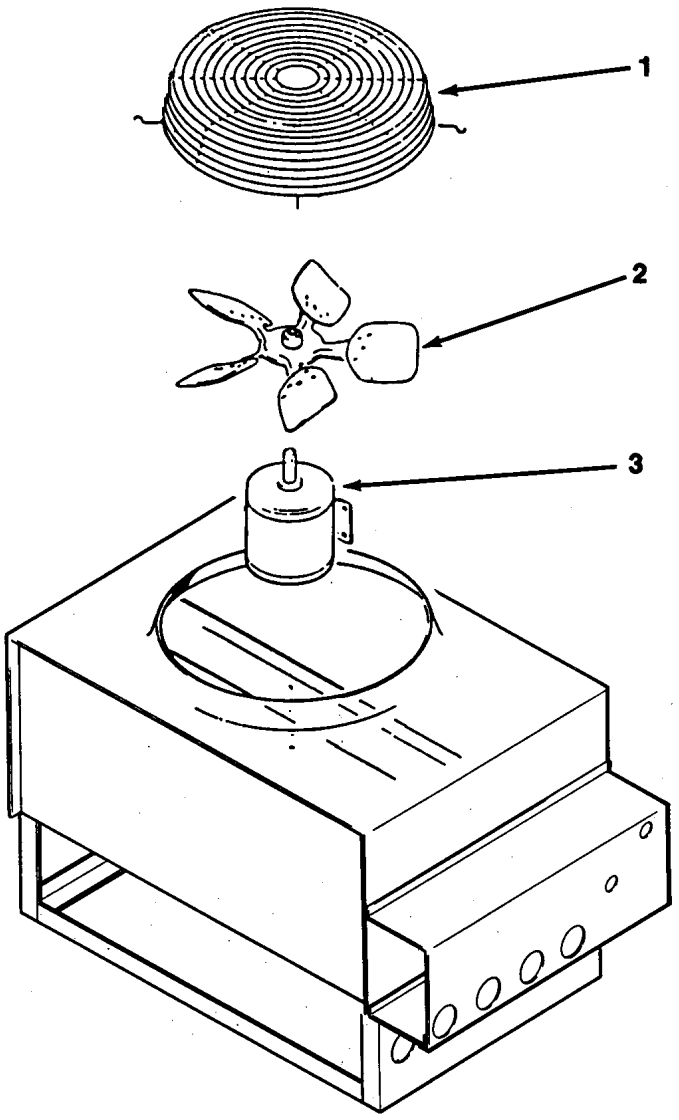
FM2402R SERVICE PARTS
Control Box



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	18-1901-15	Start Capacitor
	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
6.	12-2469-02	Single Phase Contactor
	12-0739-02	Three Phase Contactor

ITEM NUMBER	PART NUMBER	DESCRIPTION
7	A37750-021	Circuit Board
8.	12-0426-01	Master Switch
9.	11-0420-23	Low Pressure Control
10	18-1903-33	Potential Relay
11.	12-2285-22	Transformer
12	no number	Control Box Assy
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	12-2350-01	Spacer/screw
Separate From The Control Box		
16.	12-2070-04	Fan Motor Relay (in a separate control box)
17.	A34055-001	Control box cover

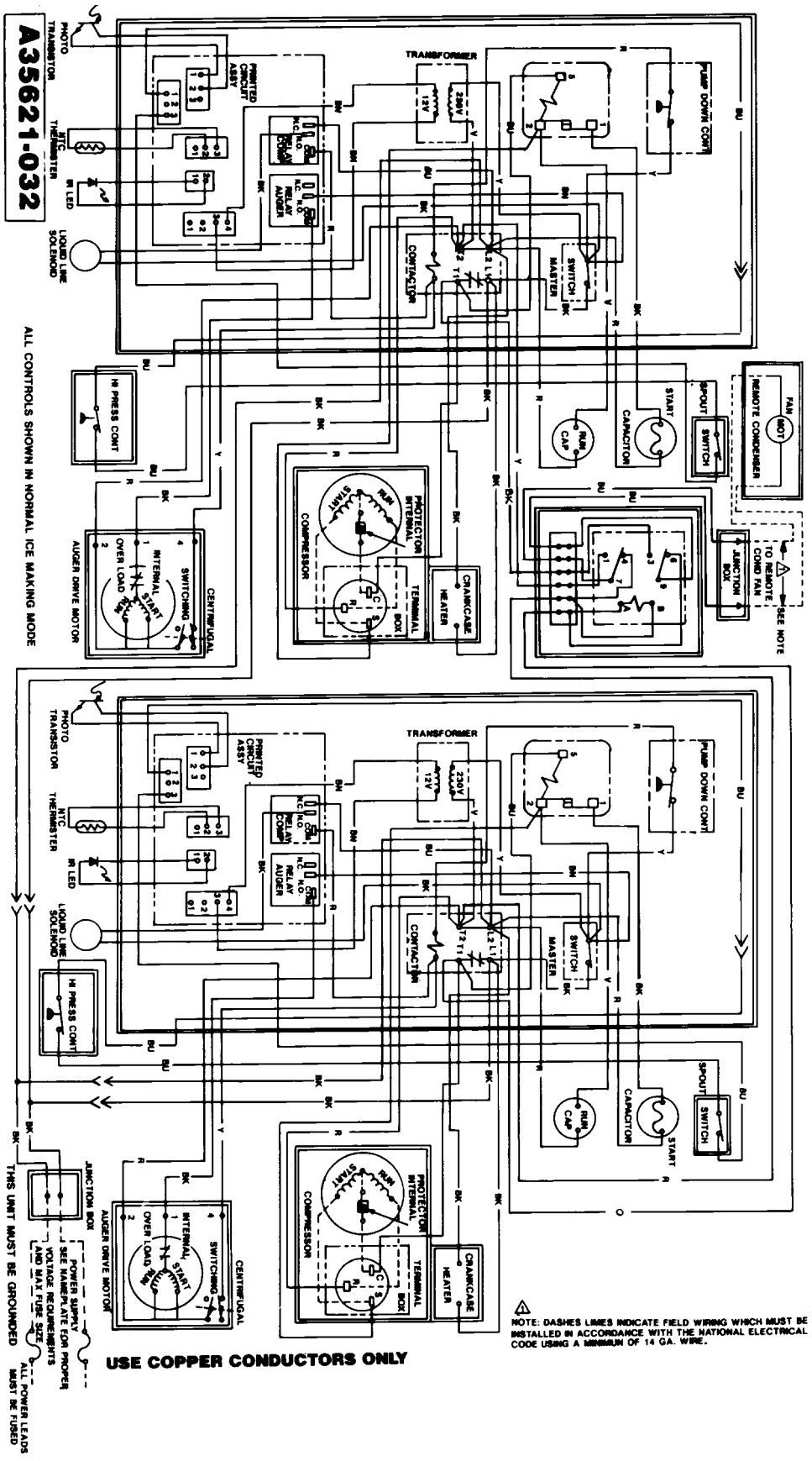
FM2402R SERVICE PARTS
Remote Condenser



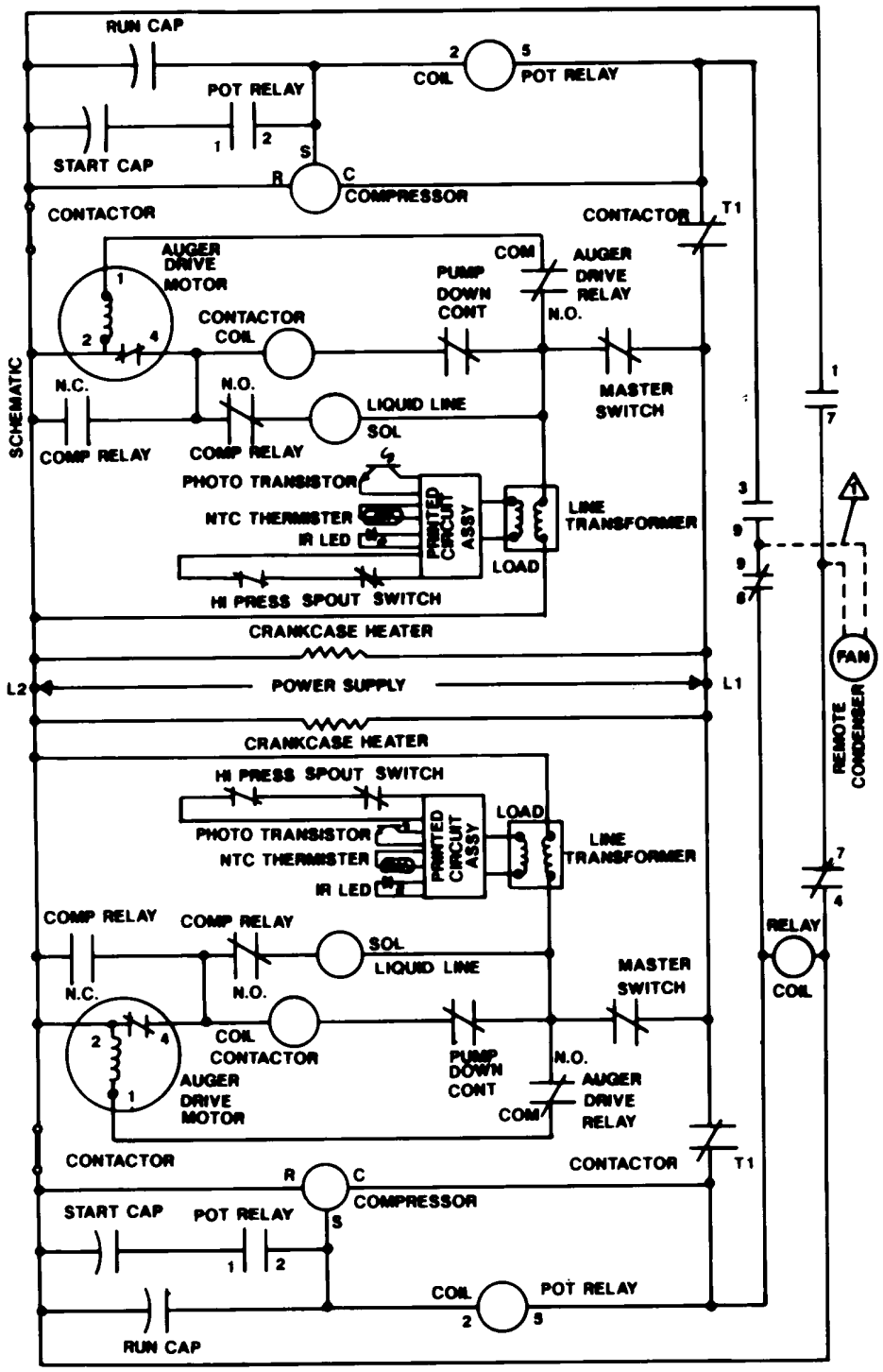
RC1022-32A or RC1222-32A

ITEM NUMBER	PART NUMBER	DESCRIPTION
1.	02-2628-01	Fan Guard
2.	18-6304-01	Fan Blade
3.	18-5301-01	Fan Motor
4.	16-0701-02	Line connection, female half 3/8"
5.	16-0701-10	Line connection, femaler half 1/2"

FM2402R SERVICE PARTS
Component Layout Diagram 208-230/60/1



FM2402R SERVICE PARTS
Schematic Diagram 208-230/60/1

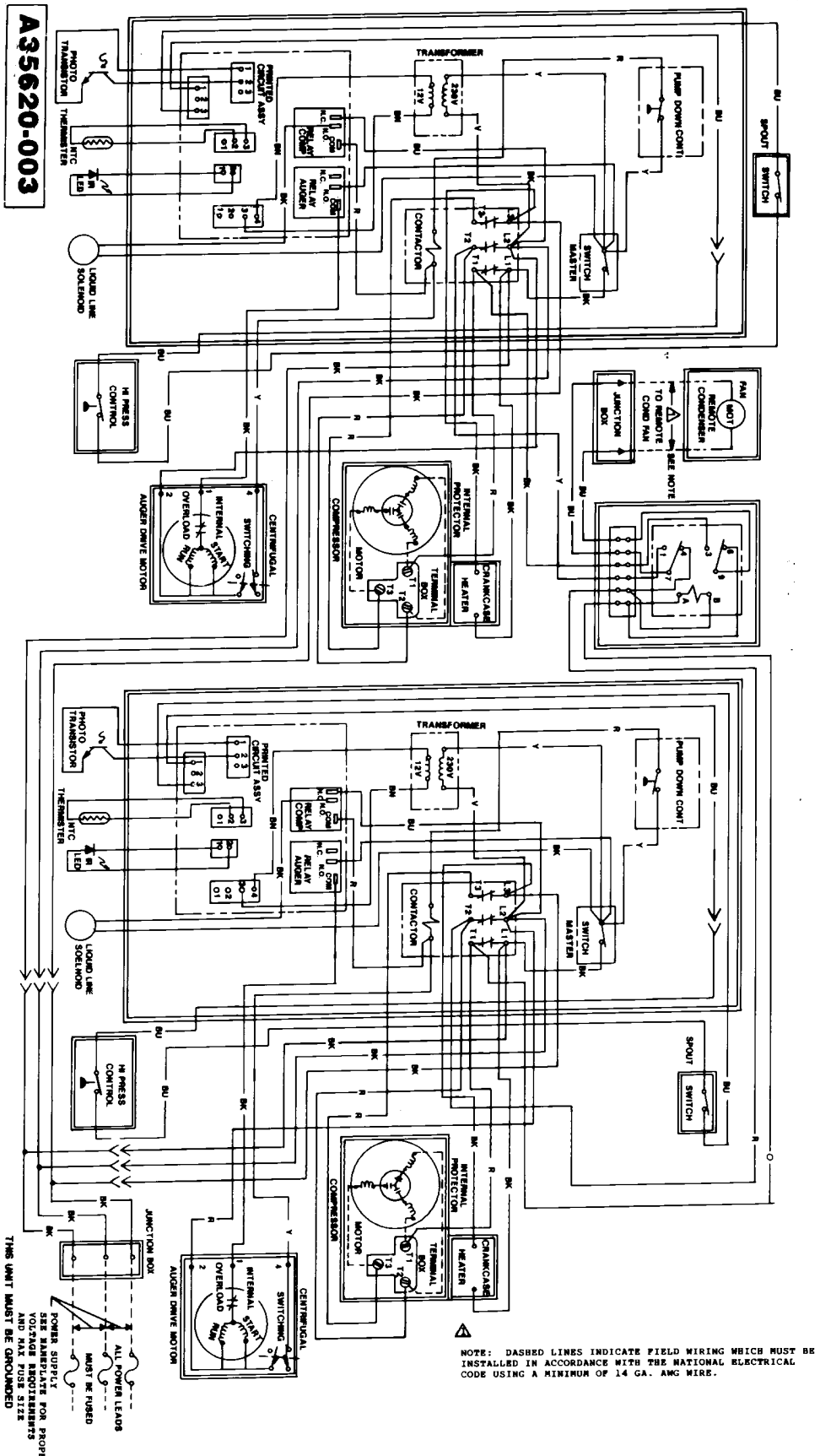


USE COPPER CONDUCTORS ONLY THIS UNIT MUST BE GROUNDED

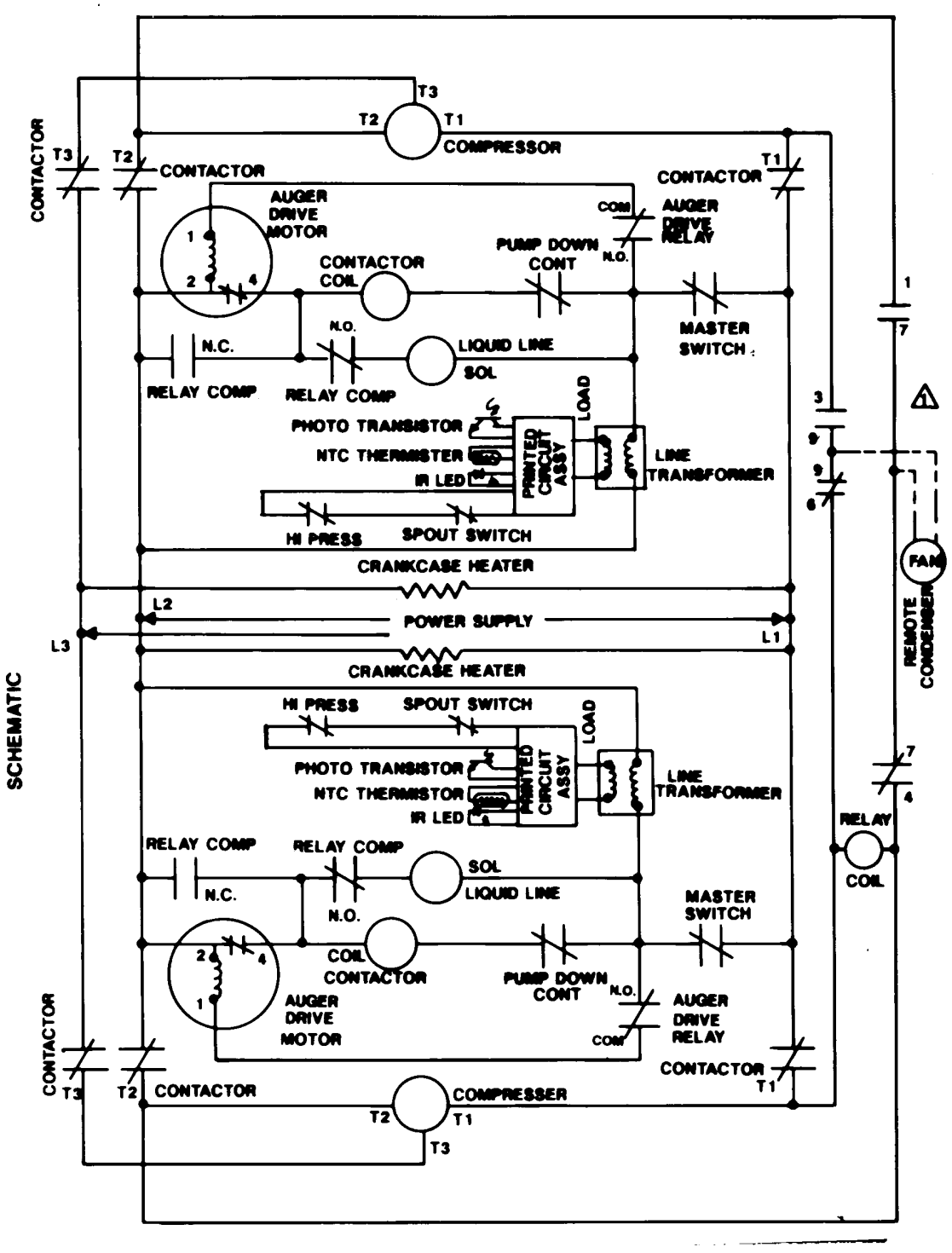
All controls shown in normal ice making mode.

Note: Dashed lines indicate field wiring which must be installed in accordance with the National Electric Code using a minimum of 14 ga. awg. wire.

FM2402R SERVICE PARTS
Component Layout Diagram 208-230/60/3



FM2402R SERVICE PARTS
Schematic Diagram 208-230/60/3



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