

# FM800R SERVICE PARTS

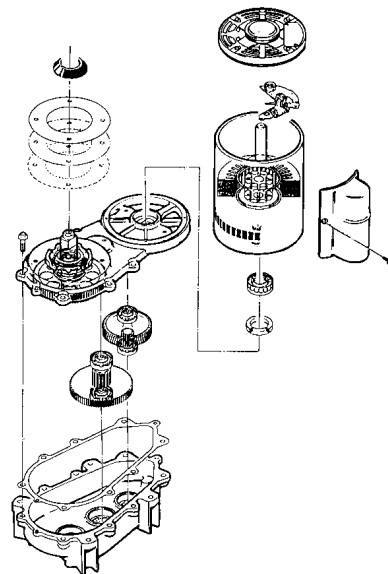
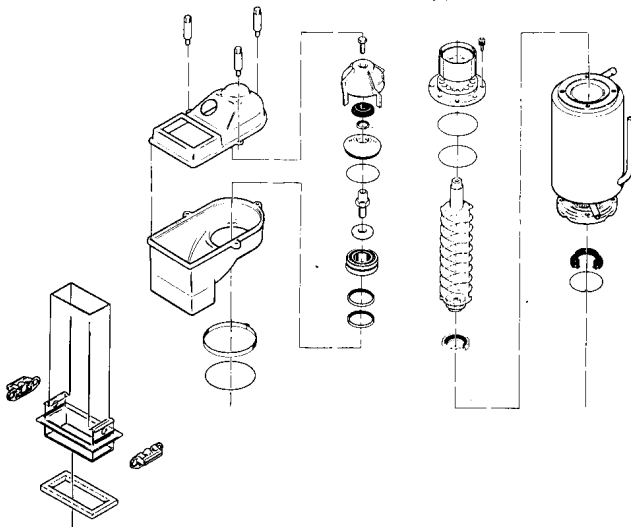
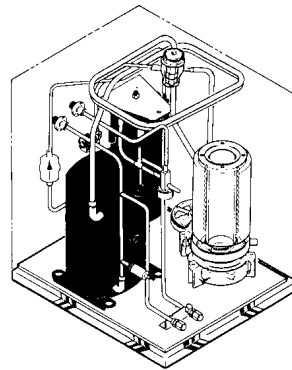
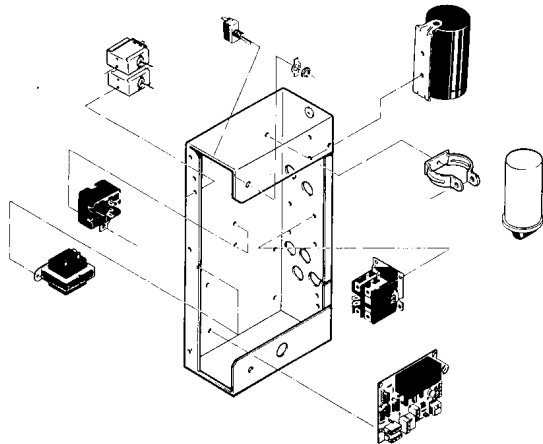
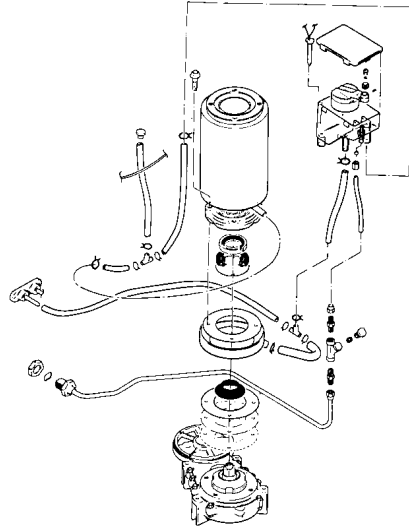
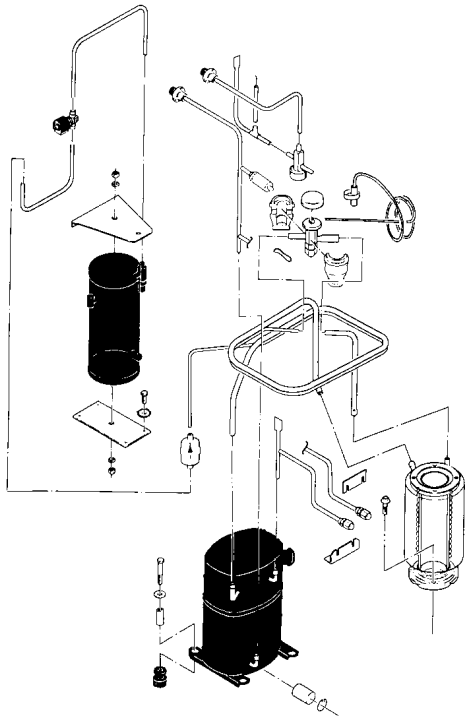
This parts list contains the service parts and wiring diagrams for this model. Check the model number in question to be sure that it is applicable to this parts list.

Caution: This model ice maker has been manufactured in two voltages, for electrical components, check to be certain that the part is the correct voltage for the machine.

## TABLE OF CONTENTS

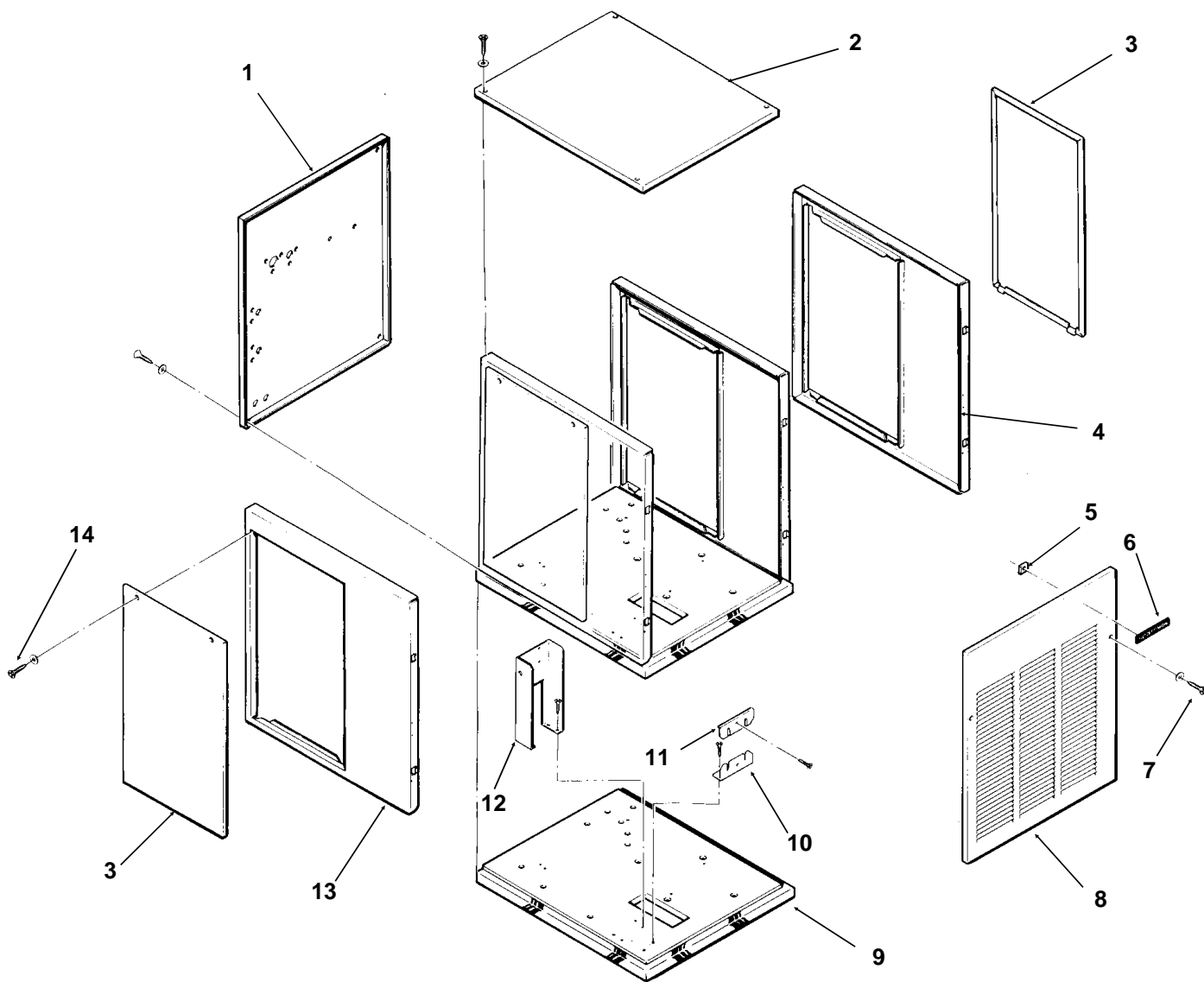
Cabinet .....	2
Refrigeration .....	3
Water .....	4
Gearmotor.....	5
Evaporator .....	6
Control Box.....	7
Remote Condenser .....	8
Wiring Diagrams.....	9

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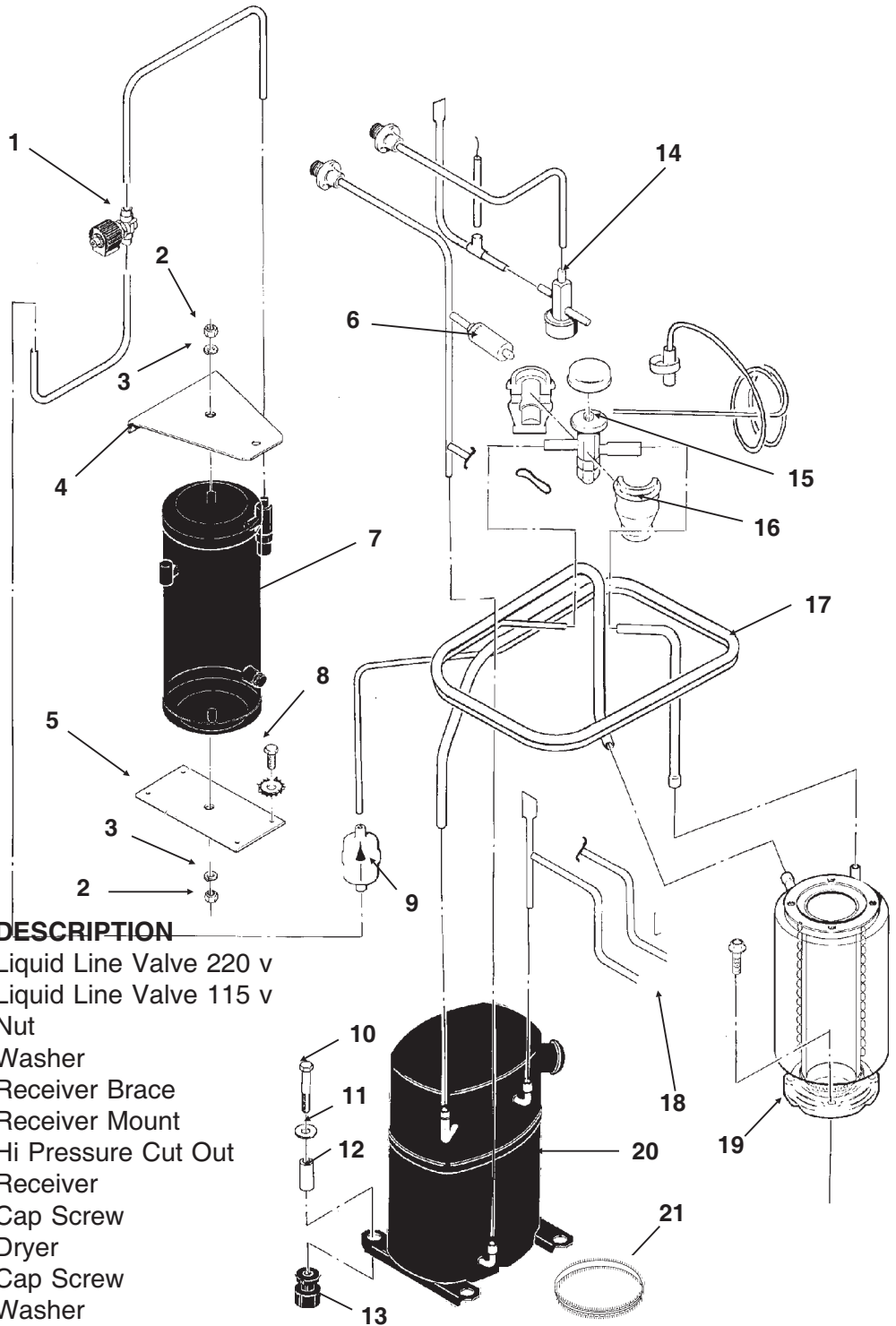
## Cabinet Assembly



ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A33252-001	Back Panel, Painted	8	A33255-001	Front Panel, Painted
2	A33256-001	Top Panel, Painted		A33255-002	Front Panel, S.S.
	A33256-002	Top Panel, S.S.	9	A34042-001	Base Assembly
3	A34038-001	Service Panel, Painted	10	A31462-001	Tube Bracket
	A34038-002	Service Panel, S.S.	11	A31461-001	Tube Bracket
4	A33292-001	Right Side Panel, Painted	12	A34039-001	Control Box Support
	A33292-002	Right Side Panel, S.S.	13	A32435-001	Left Side Panel, Painted
5	<a href="#">03-0271-00</a>	Speed Clip		A32435-002	Left Side Panel, S.S.
6	<a href="#">15-0711-01</a>	Emblem	14	<a href="#">03-1404-12</a>	Screw
7	<a href="#">03-1419-08</a>	Screw			

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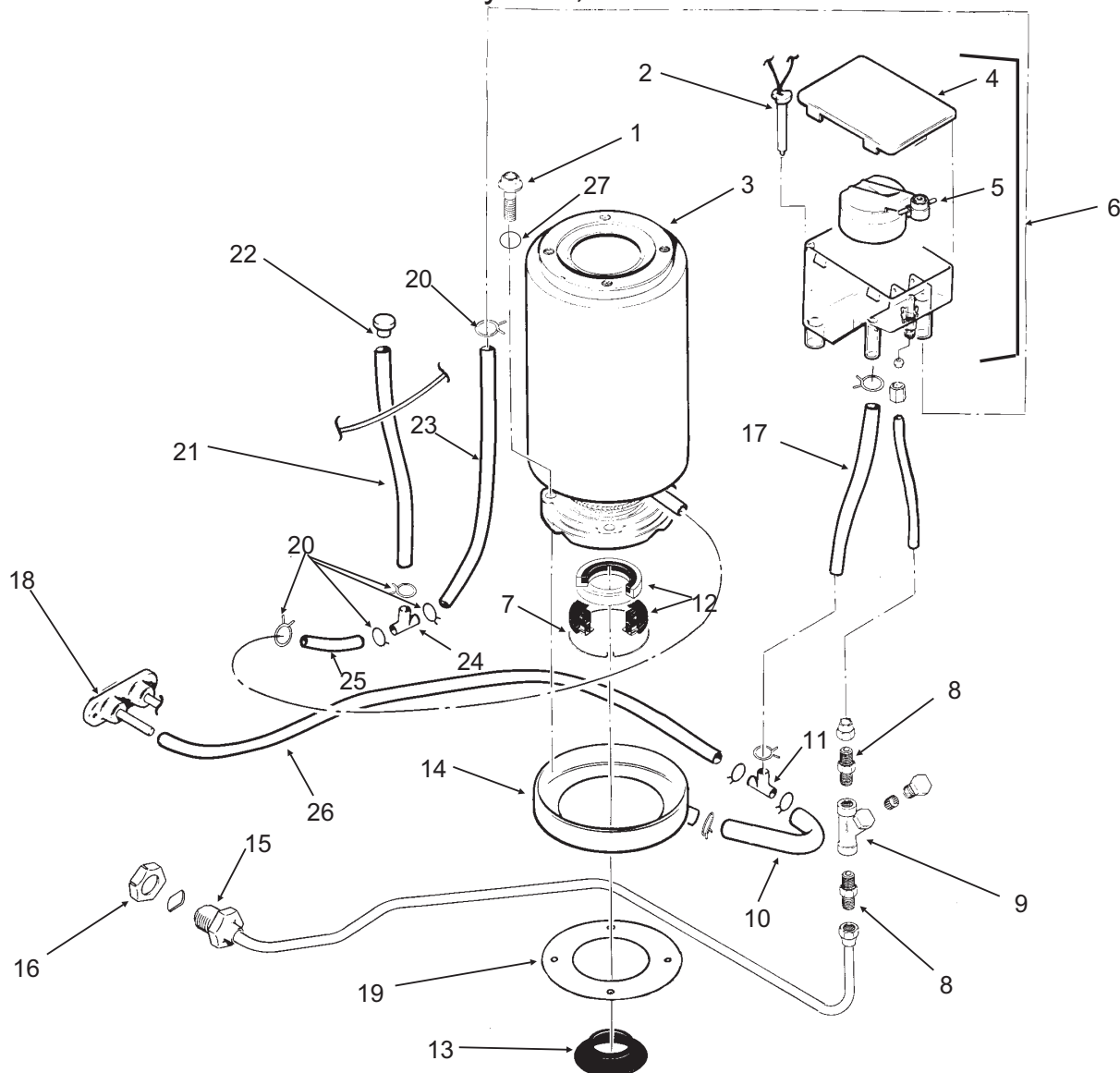
## Refrigeration System



ITEM NUMBER	PART NUMBER	DESCRIPTION	
1	12-2257-21	Liquid Line Valve 220 v	
	12-2257-22	Liquid Line Valve 115 v	
2	03-1406-13	Nut	
3	03-1410-06	Washer	
4	A32968-001	Receiver Brace	
5	A31801-002	Receiver Mount	
6	11-0446-23	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	18-2200-27	Sleeve	
13	18-2200-28	Rubber Grommet	
14	11-0422-22	Head Pressure Valve	
15	16-0780-21	Thermo Expansion Valve	
16	A32961-020	Insulation Kit for TXV	
17	A34536-001	Suction Line	
18	16-0560-00	Core	
	16-0563-00	Nut	
	19	A33194-020	Evaporator
	20	18-6100-02	Compressor 208-230 v
		18-6100-51	Overload 208-230 v
		18-6100-01	Compressor 115/60/1
		18-6100-50	Overload 115/60/1
	21	12-1868-03	Crankcase Htr 208-230 v
		12-1868-04	Crankcase Htr 115 v

# FM800R SERVICE PARTS

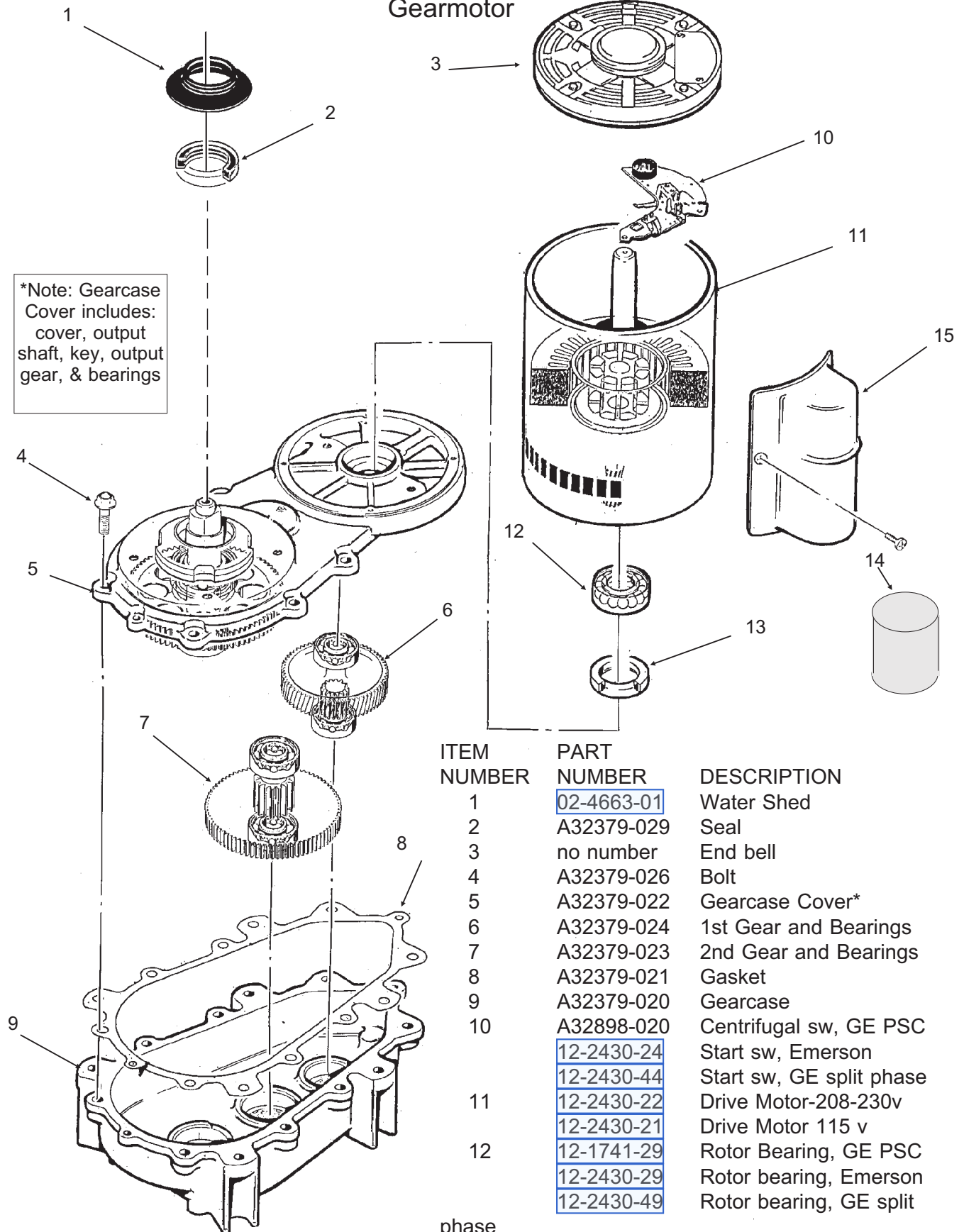
## Water System, Water Seal



ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	<a href="#">03-1405-41</a>	Cap Screw	14	A32050-001	Drip Pan
2	A33101-022	Water Level Sensor	15	A27318-001	Water Inlet Fitting
3	A33194-020	Evaporator	16	<a href="#">03-1394-01</a>	Pal Nut
4	<a href="#">02-2936-01</a>	Res. Cover	17	<a href="#">13-0079-03</a>	Res. Overflow, 8" req.
5	A32907-001	Float Assembly with pin, housing seal, rubber seal, insert & float	18	<a href="#">02-3692-22</a>	Drain Casting
6	A32929-020	Reservoir Assembly	19	<a href="#">13-0704-00</a>	Gasket
7	A32777-001	Retaining Ring for Seal	20	<a href="#">02-2814-08</a>	Clamps
8	<a href="#">16-0791-01</a>	Half Union	21	<a href="#">13-0674-06</a>	Evap. Drain, 14" req.
9	<a href="#">16-0162-00</a>	Strainer	22	<a href="#">13-0840-01</a>	Plug
10	<a href="#">13-0079-03</a>	Tube, 3.2" req.	23	<a href="#">13-0674-06</a>	Evap. Inlet Tube, 13" req.
11	<a href="#">16-0670-02</a>	Tee	24	<a href="#">16-0670-01</a>	Tee
12	<a href="#">02-0929-23</a>	Water Seal	25	A33203-001	Tube, Preformed
13	<a href="#">02-4663-01</a>	Water Shed	26	<a href="#">13-0079-03</a>	Drain Tube, 24" req.
			27.	<a href="#">03-1417-13</a>	Lockwasher

# EMERSON SERVICE PARTS

## Gearmotor

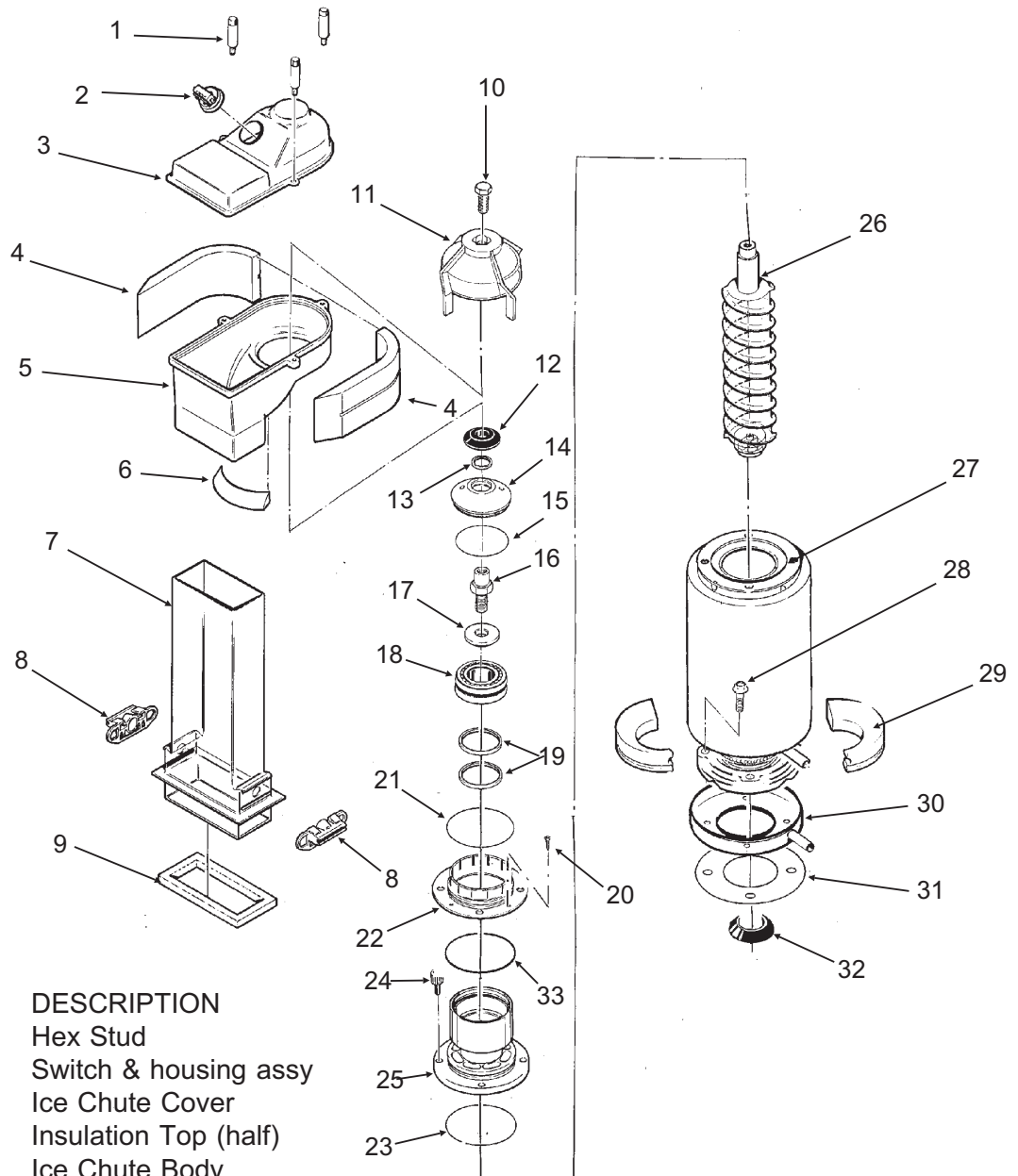


\*Note: Gearcase Cover includes:  
cover, output  
shaft, key, output  
gear, & bearings

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	A32898-020	Centrifugal sw, GE PSC
	12-2430-24	Start sw, Emerson
	12-2430-44	Start sw, GE split phase
11	12-2430-22	Drive Motor-208-230v
	12-2430-21	Drive Motor 115 v
12	12-1741-29	Rotor Bearing, GE PSC
	12-2430-29	Rotor bearing, Emerson
	12-2430-49	Rotor bearing, GE split
phase		
13	A32379-028	Seal
14	A32379-027	Oil, 1 Container
15	12-2314-22	Capacitor, GE PSC only

# FM800R SERVICE PARTS

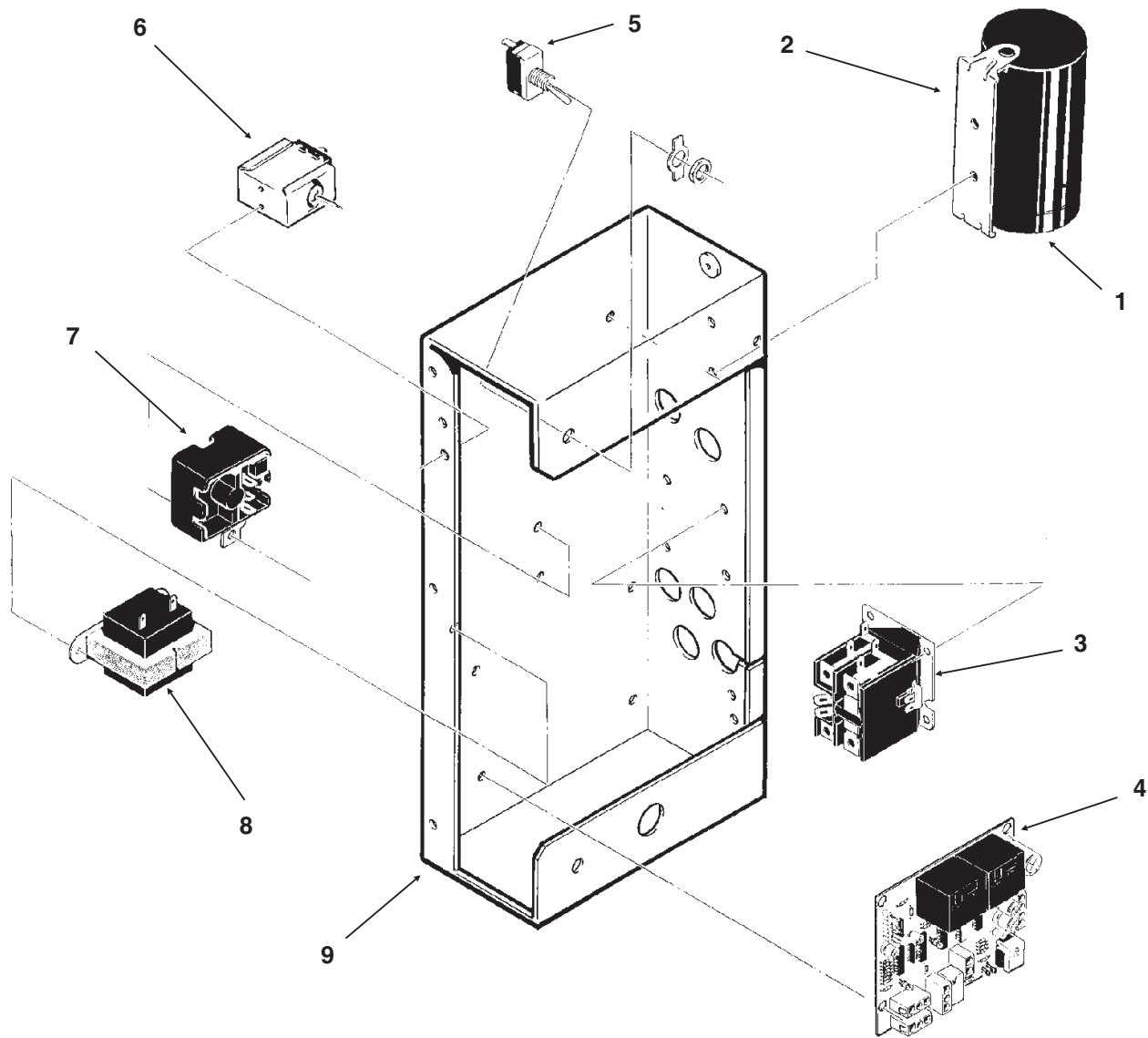
## Evaporator, Bin Controls



ITEM NUMBER	PART NUMBER	DESCRIPTION
1.	<a href="#">02-2933-01</a>	Hex Stud
2.	A32891-020	Switch & housing assy
3.	<a href="#">02-2930-01</a>	Ice Chute Cover
4.	A32963-001	Insulation Top (half)
5.	<a href="#">02-2926-01</a>	Ice Chute Body
6.	A33102-001	Insulation Collar Inside
	A33210-001	Rubber Band
7.	<a href="#">02-2929-02</a>	Ice Chute Lower
8.	A37708-021	Bin Controls Assy. (set)
9.	A32930-001	Chute Gasket
10.	<a href="#">03-1405-52</a>	Hex Cap Screw
11.	<a href="#">02-3001-01</a>	Ice Sweep
12.	<a href="#">13-0871-01</a>	Water Shed
13.	<a href="#">02-2978-01</a>	Lip Seal
14.	<a href="#">02-3128-20</a>	Breaker Cover
15.	<a href="#">13-0617-54</a>	O-Ring
16.	<a href="#">08-0660-01</a>	Auger Stud & washer
17.	part of 16	Thrust Washer
18.	A34559-020	Bearing
19.	<a href="#">02-2977-01</a>	Lip Seal
20.	<a href="#">03-1403-27</a>	Screw
21.	<a href="#">13-0617-52</a>	O-Ring
22.	<a href="#">02-2916-01</a>	Slotted Collar
23.	<a href="#">13-0617-45</a>	O-Ring
24.	<a href="#">03-1544-08</a>	Soc. Head Screw
25.	A34505-020	Breaker (Divider) (includes 18 & 19)
26.	A38071-021	Auger
27.	A33194-020	Evaporator
28.	<a href="#">03-1405-41</a>	Cap Screw
29.	<a href="#">02-4358-01</a>	Insulation wrap
30.	A32050-001	Drip Pan
31.	<a href="#">13-0704-00</a>	Drip Pan Gasket
32.	<a href="#">02-4663-01</a>	Water Shed
33.	<a href="#">13-0617-49</a>	O-ring

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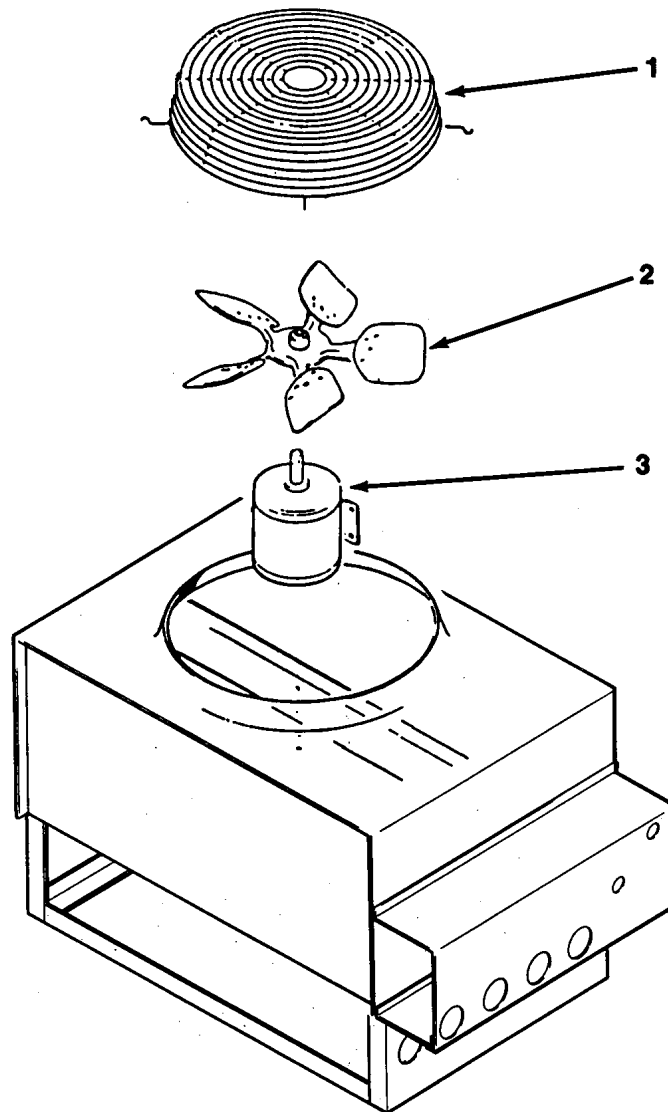
## Control Box



ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	18-1901-40	Start Cap 208-230 v	7	18-1903-33	Potential Relay
	18-1901-42	Start Capacitor 115 v		18-1903-44	Potential Relay
	18-2200-38	Start Capacitor Cap.			115 volt
2.	18-2200-39	Start Capacitor Bracket		12-2285-21	Transformer 115v
	03-1638-04	Screw		12-2285-22	Transformer 220v
	03-1417-15	Lockwasher			Control Box Assy
3.	12-2469-02	Contactor 208-230 v	8		
	12-2469-03	Contactor 115 v	9	no number	
4	A37750-022	Circuit Board	NOT ILLUSTRATED		
5.	12-0426-01	Master Switch	10.	12-2337-02	3 Pin Plug Assy
6.	11-0420-23	Low Pressure Control		(Safety Circuit to Circuit Board)	
			11.	12-2340-01	4 Pin Plug Assy



# FM800R SERVICE PARTS REMOTE CONDENSER



## RC1051-32A or RC1052-32A

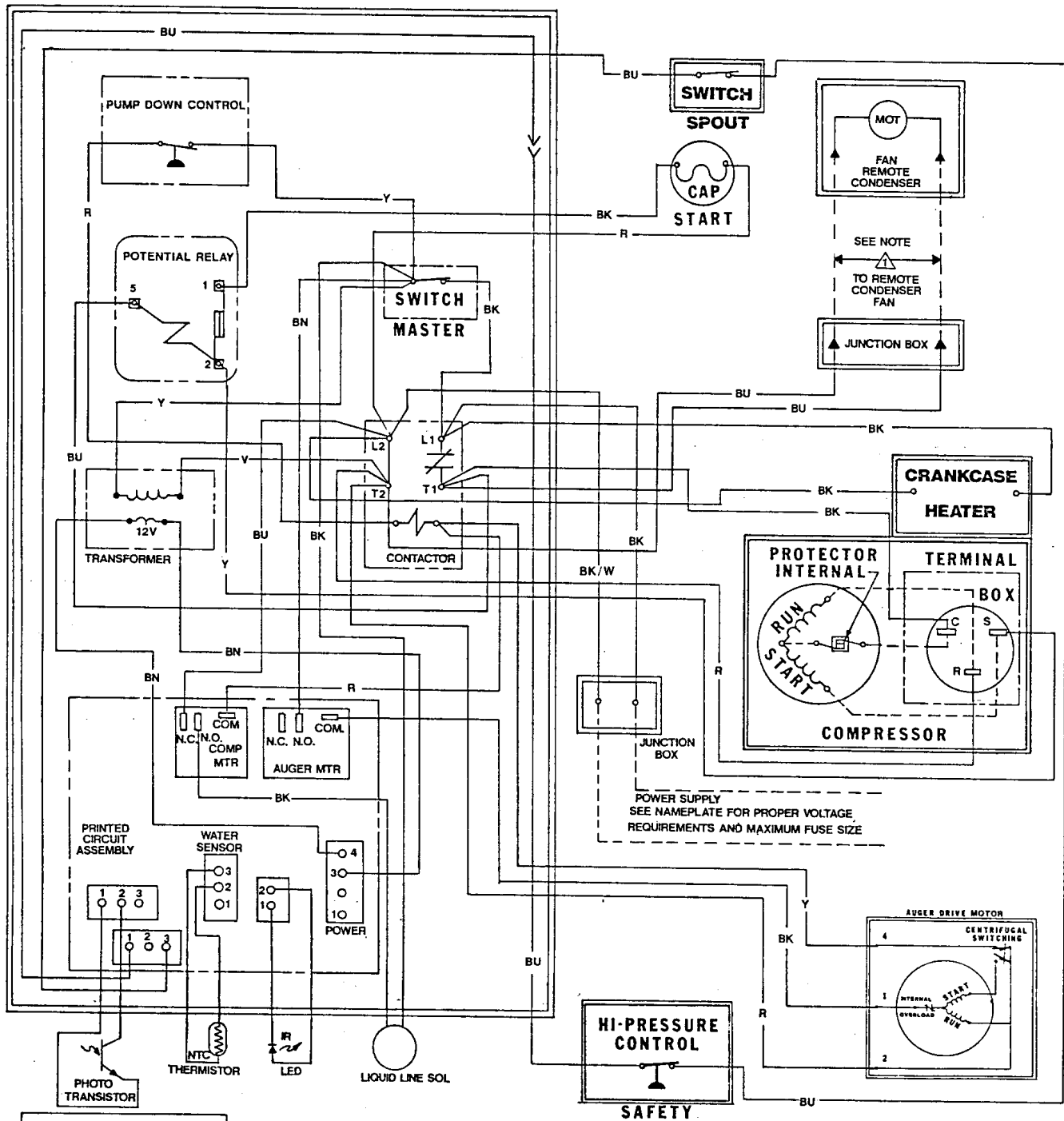
ITEM NUMBER	PART NUMBER	DESCRIPTION
1.	<a href="#">02-2628-01</a>	Fan Guard
2.	<a href="#">18-3733-01</a>	Fan Blade
3.	<a href="#">18-6305-01</a>	Fan Motor

## RC551-1

ITEM NUMBER	PART NUMBER	DESCRIPTION
1.	<a href="#">02-2618-01</a>	Fan Guard
2.	<a href="#">18-3733-01</a>	Fan Blade
3.	<a href="#">18-6305-01</a>	Fan Motor

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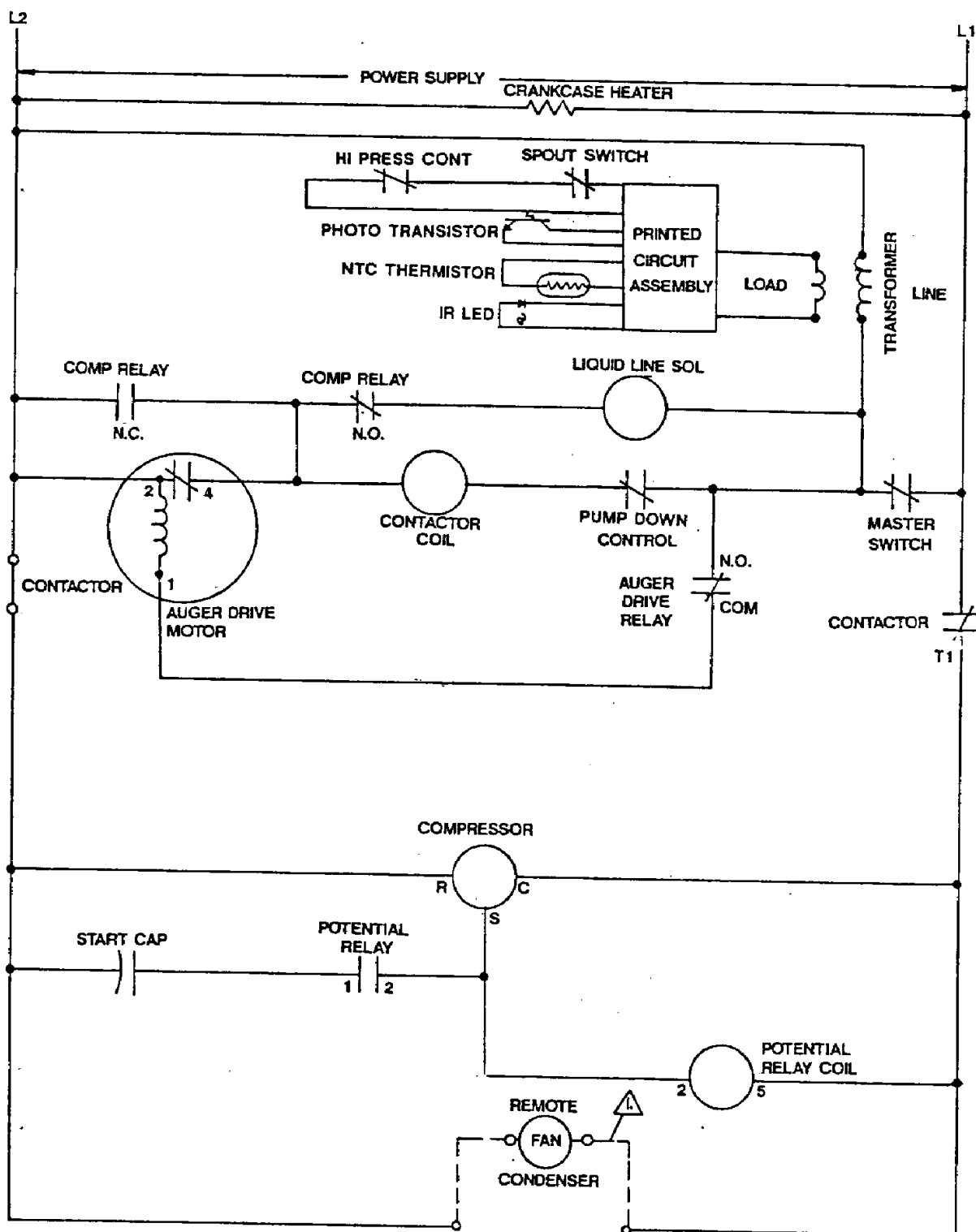
## Component Layout Diagram



**A34553-001**

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## Schematic Diagram



**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.