

NME1850R & FME2400R 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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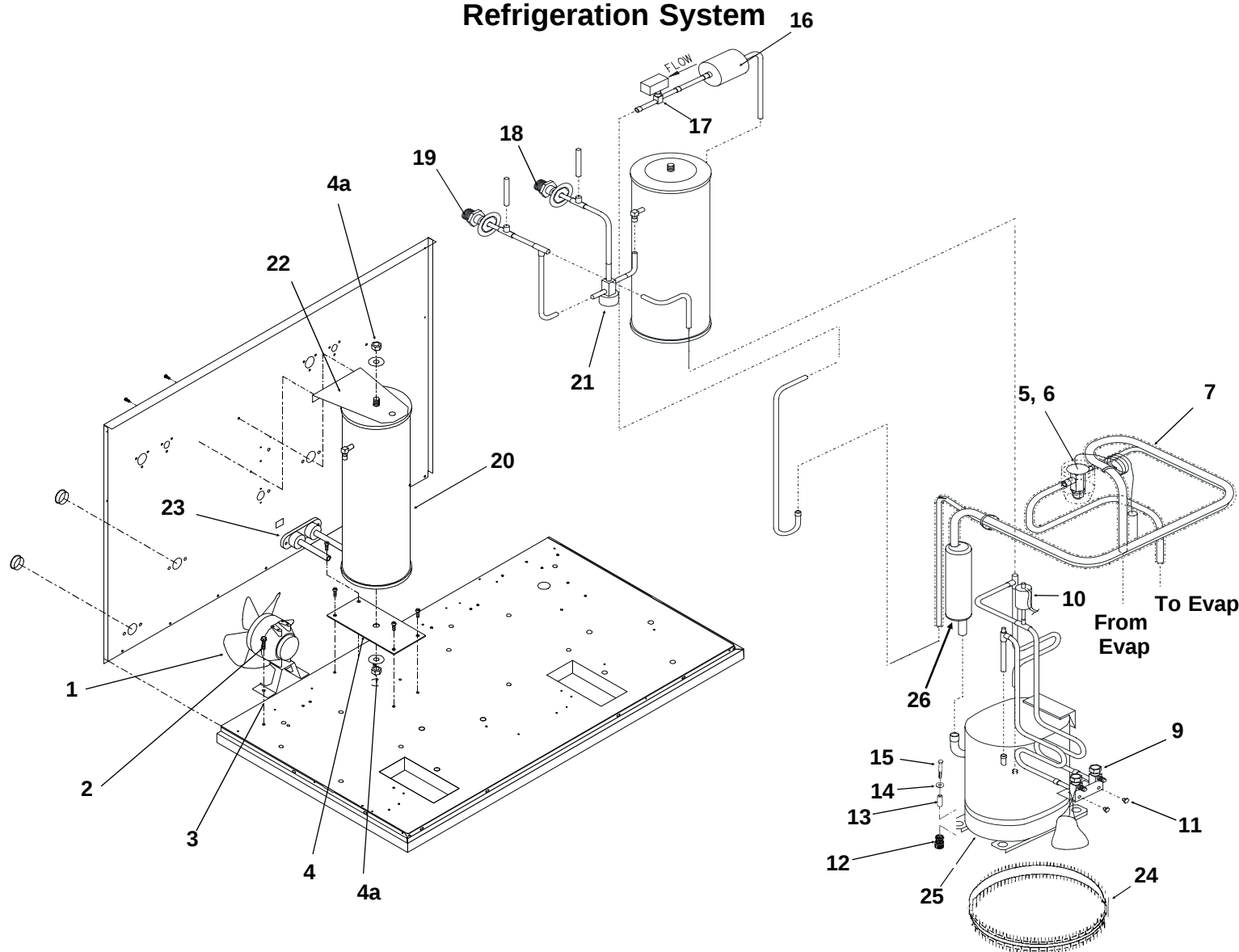
This exploded view diagram illustrates the assembly of a server rack. The components are numbered as follows:

- 1**: Main vertical frame or support structure.
- 2**: Top horizontal panel or door.
- 3**: Side panel or door.
- 4**: Horizontal support bar or rail.
- 5, 6**: Small rectangular components, likely screws or fasteners.
- 7**: A component with a slanted, ribbed surface, possibly a fan or filter.
- 8**: A large panel with multiple vertical slots, likely a front door or filter assembly.
- 9**: A vertical support or mounting bracket.
- 10**: A small rectangular component, possibly a screw or fastener.
- 11**: A small rectangular component, possibly a screw or fastener.
- 12**: A horizontal support bar or rail.
- 13**: A vertical support or mounting bracket.
- 14**: A vertical support or mounting bracket.
- 15**: A large panel with a slanted, ribbed surface, possibly a fan or filter.
- 16**: A small rectangular component, possibly a screw or fastener.

November 2006
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Refrigeration System

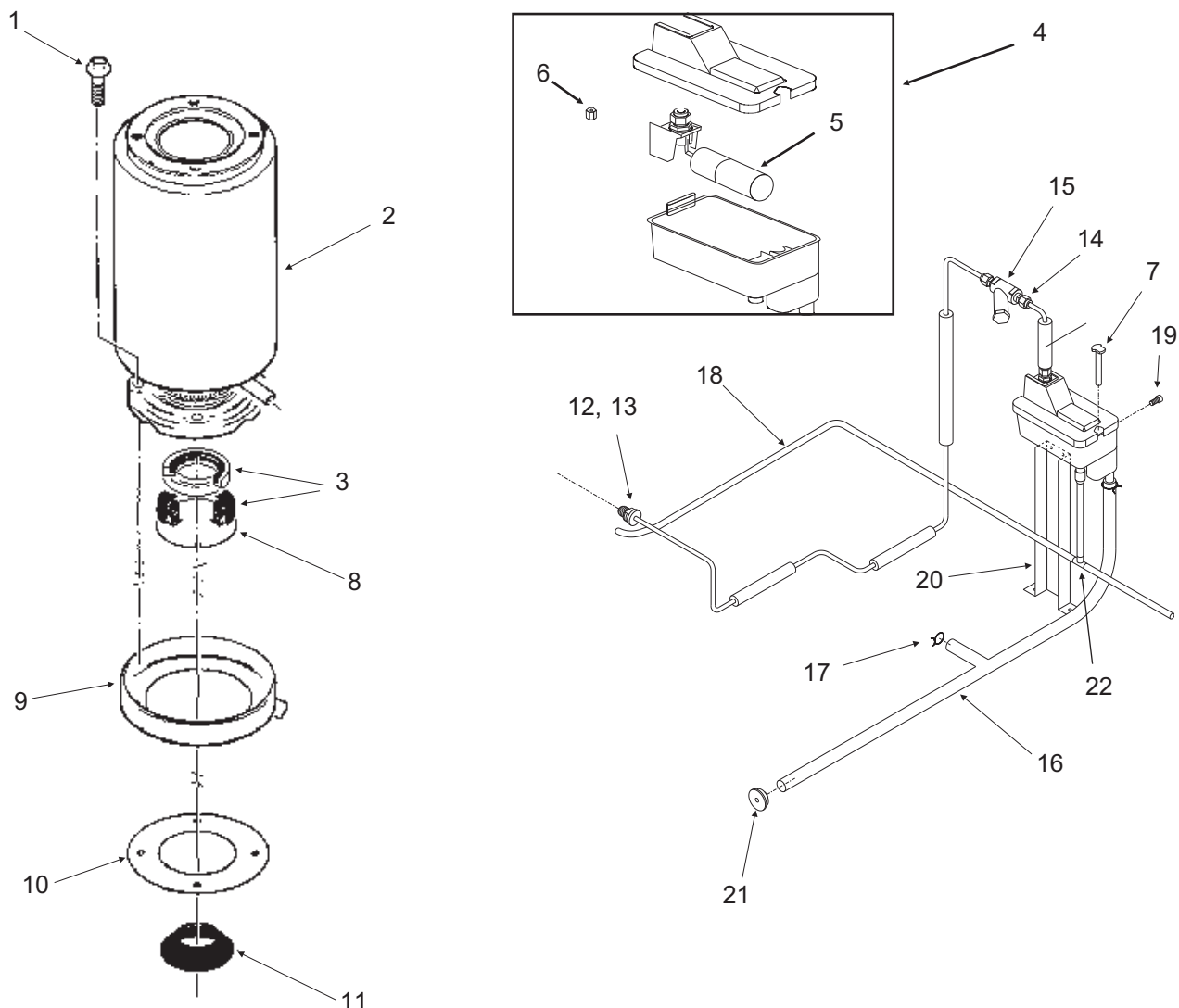


ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	18-8708-01	Fan Blade	15	03-1405-20	Cap Screw
2	12-1576-02	Fan Motor	16	02-3319-02	Dryer
3	A35246-001	Fan Bracket	17	12-2135-02	Liquid line valve
4	A31801-002	Bracket	18	16-0850-01	Liquid line fitting
4a	03-1406-13	Nut	19	16-0850-03	Discharge line fitting
5	A32961-020	Insulation Kit (3 piece)	20	16-0761-01	Receiver
6	11-0488-21	Thermo Expansion Valve	21	11-0422-25	Discharge pressure control
7	A36496-001	Suction Line	22	A32968-001	Receiver bracket
8	A34285-001	Filler panel	23	02-3692-22	Drain fitting
9	16-0832-20	Access valve	24	12-1868-03	Crankcase heater
9a	16-0832-02	Stem cap	25	18-8768-22	Compressor 208-230/60/1
9b	16-0832-03	Core cap			Overload is internal
10	11-0485-21	Hi Pressure Cut Out		18-8768-24	Compressor 200-230/60/3
11	03-1645-01	Screw			Overload is internal
12	18-2200-28	Grommet			
13	18-2200-27	Sleeve			
14	03-1407-07	Washer			
			26	16-0778-21	Accumulator

Note: Replacement compressors include a new HFC dryer & single phase include starting components

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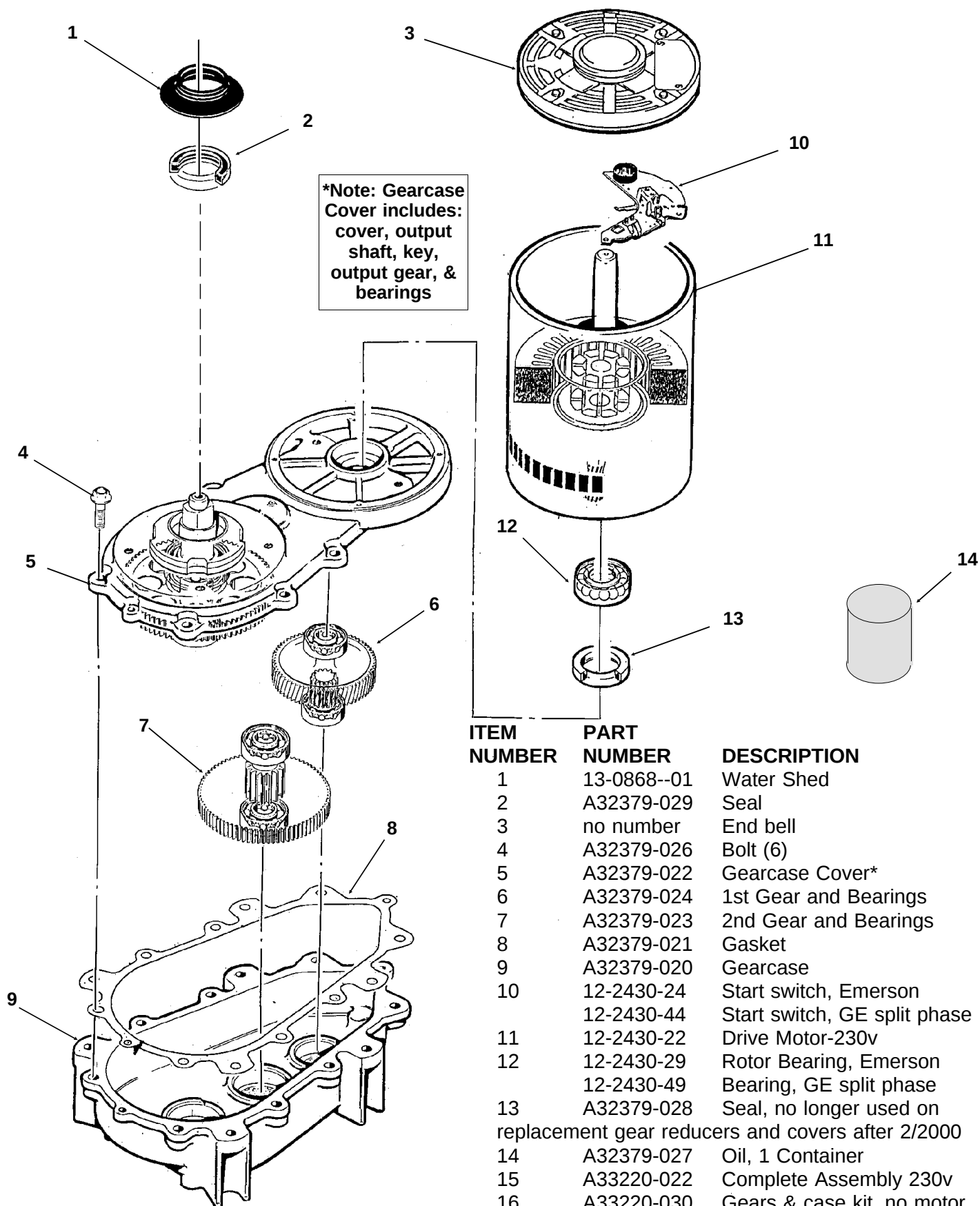
Water System, Water Seal



ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	03-1405-41	Cap Screw	15	16-0162-00	Strainer - not used after 11/97
2	A32890-020	Evaporator	16	A36154-001	Evap. water inlet tube
3	02-0929-23	Water Seal	17	02-1338-00	Hose clamp
4	02-3266-01	Reservoir & valve	18	13-0079-03	Res. overflow hose
5	02-3266-02	Float valve	19	03-1639-03	Screw
6	02-3266-03	Plunger/seat	20	A36078-002	Reservoir bracket
7	A33101-022	Water Level Sensor	21	13-0840-01	Rubber cap
8	A32777-001	Retaining Ring for Seal	22	16-0670-02	Tee
9	02-3837-01	Drip Pan			
10	13-0704-00	Gasket			
11	02-4663-01	Water Shed			
12	A27318-001	Water Inlet Fitting for copper			
	16-0835-01	Inlet fitting for plastic tubing			
	16-1039-01	Male connector for plastic			
13	03-1394-01	Pal Nut			
14	16-0791-01	Coupling union			

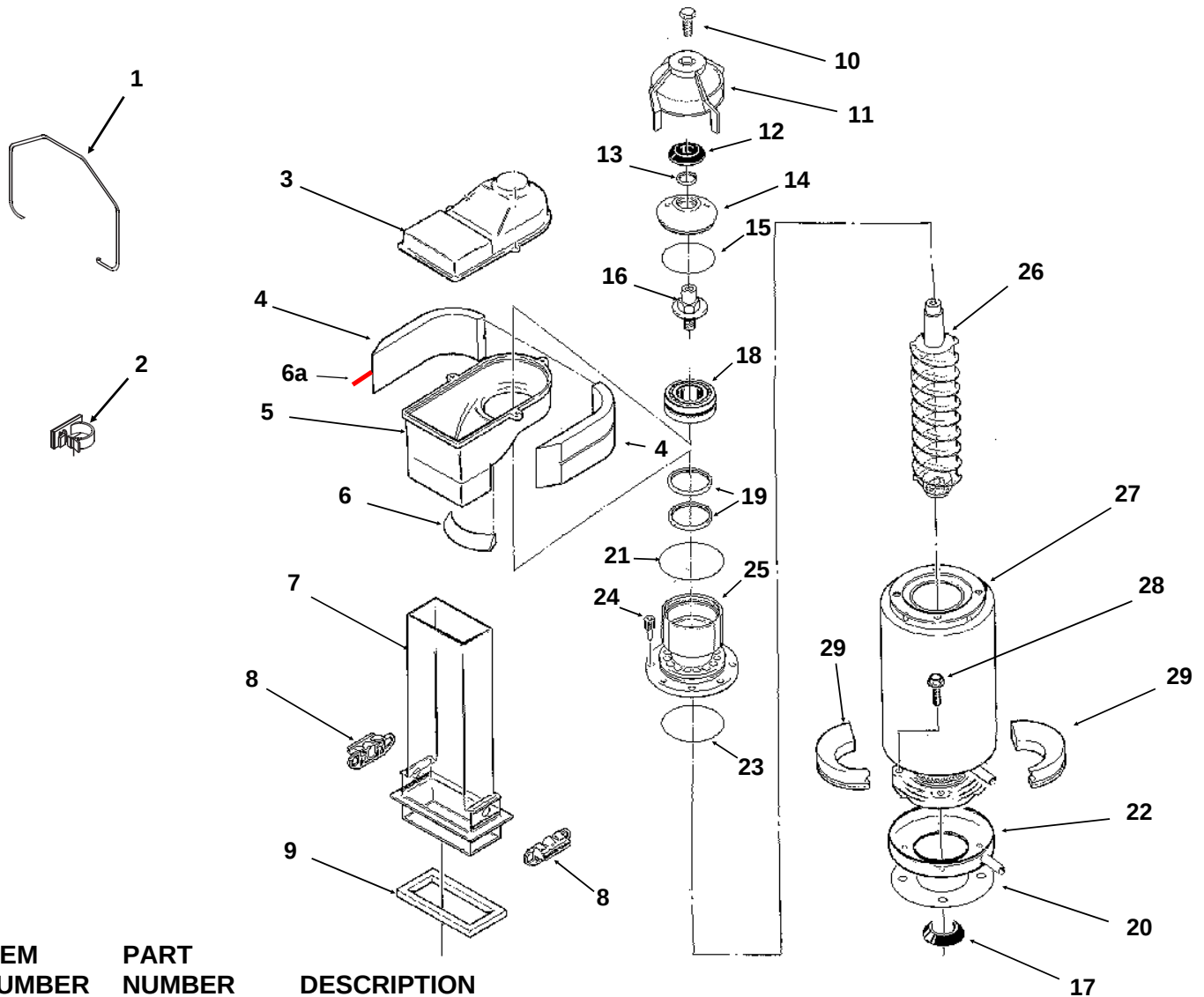
NME1850R & FME2400R SERVICE PARTS

Gearmotor



NME1850R & FME2400R SERVICE PARTS

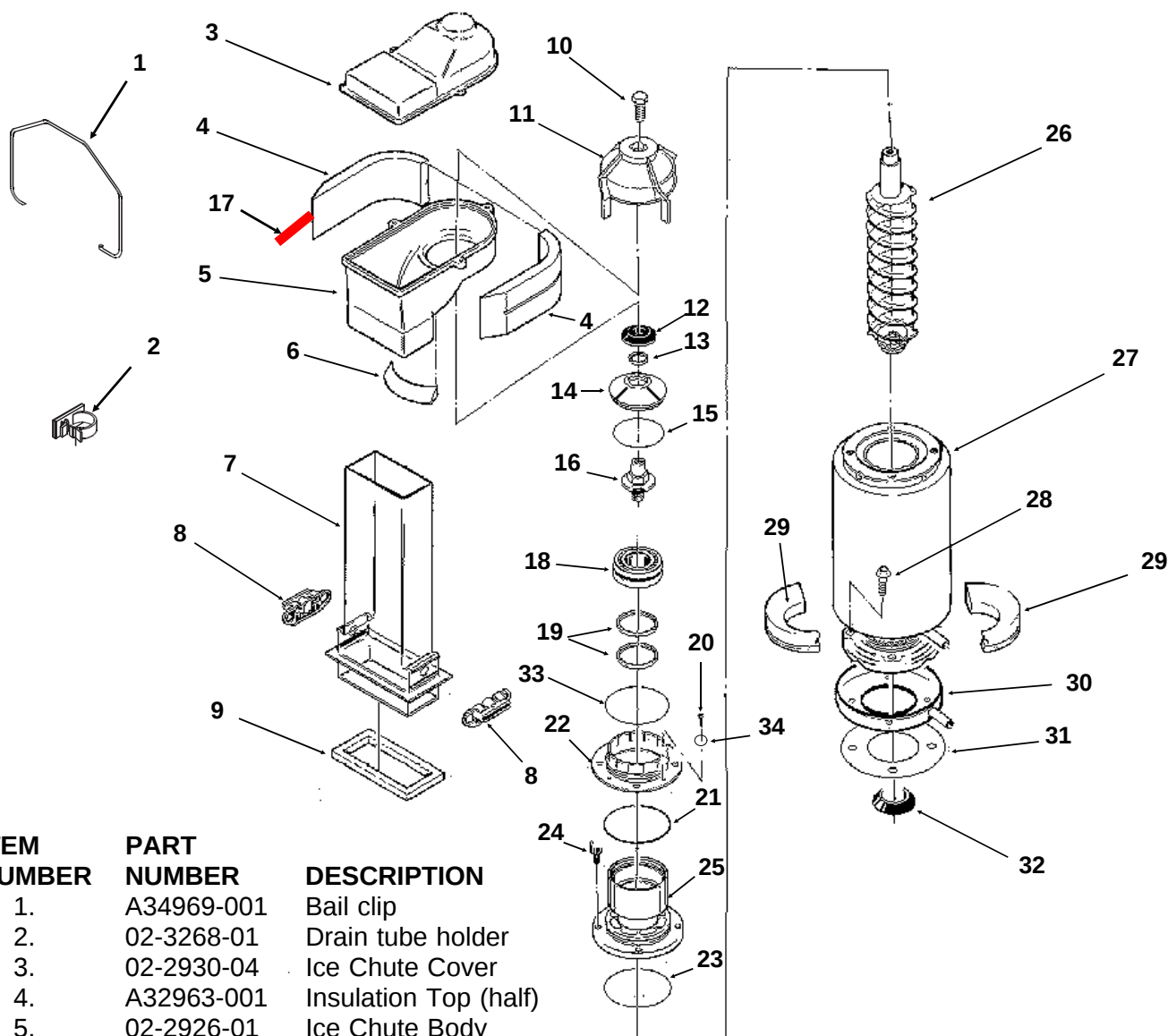
NME Evaporator, Bin Controls



ITEM NUMBER	PART NUMBER	DESCRIPTION			
1.	A34969-001	Bail clip	17.	13-0868-01	Water Shed
2.	02-3268-01	Drain tube holder	18.	A34559-020	Bearing
3.	02-2930-04	Ice Chute Cover	19.	02-2977-01	Lip Seal
4.	A32963-001	Insulation Top (half)	20.	13-0704-00	Drip Pan Gasket
5.	02-2926-01	Ice Chute Body	21.	13-0617-54	O-Ring
6.	A33102-001	Insulation Collar Inside	22.	02-3837-01	Drip Pan
6a	A35419-020	Strap kit	23.	13-0617-45	O-Ring
7.	02-2929-04	Ice Chute Lower	24.	03-1544-08	Soc. Head Screw
8.	A37708-021	Bin Controls Assy. (set of 2)	25.	A32900-020	Breaker (includes 18 & 19)
9.	A32930-001	Chute Gasket	26.	A38071-022	Auger
10.	03-1405-52	Hex Cap Screw	27.	A32890-020	Evaporator
11.	02-3001-01	Ice Sweep	28.	03-1405-41	Cap Screw
12.	13-0871-01	Water Shed	29.	A32962-001	Insulation Bot. (half)
13.	02-2978-01	Lip Seal			
14.	02-3128-20	Breaker Cover			
15.	13-0617-52	O-Ring			
16.	08-0660-01	Auger Stud & washer			

NME1850R & FME2400R SERVICE PARTS

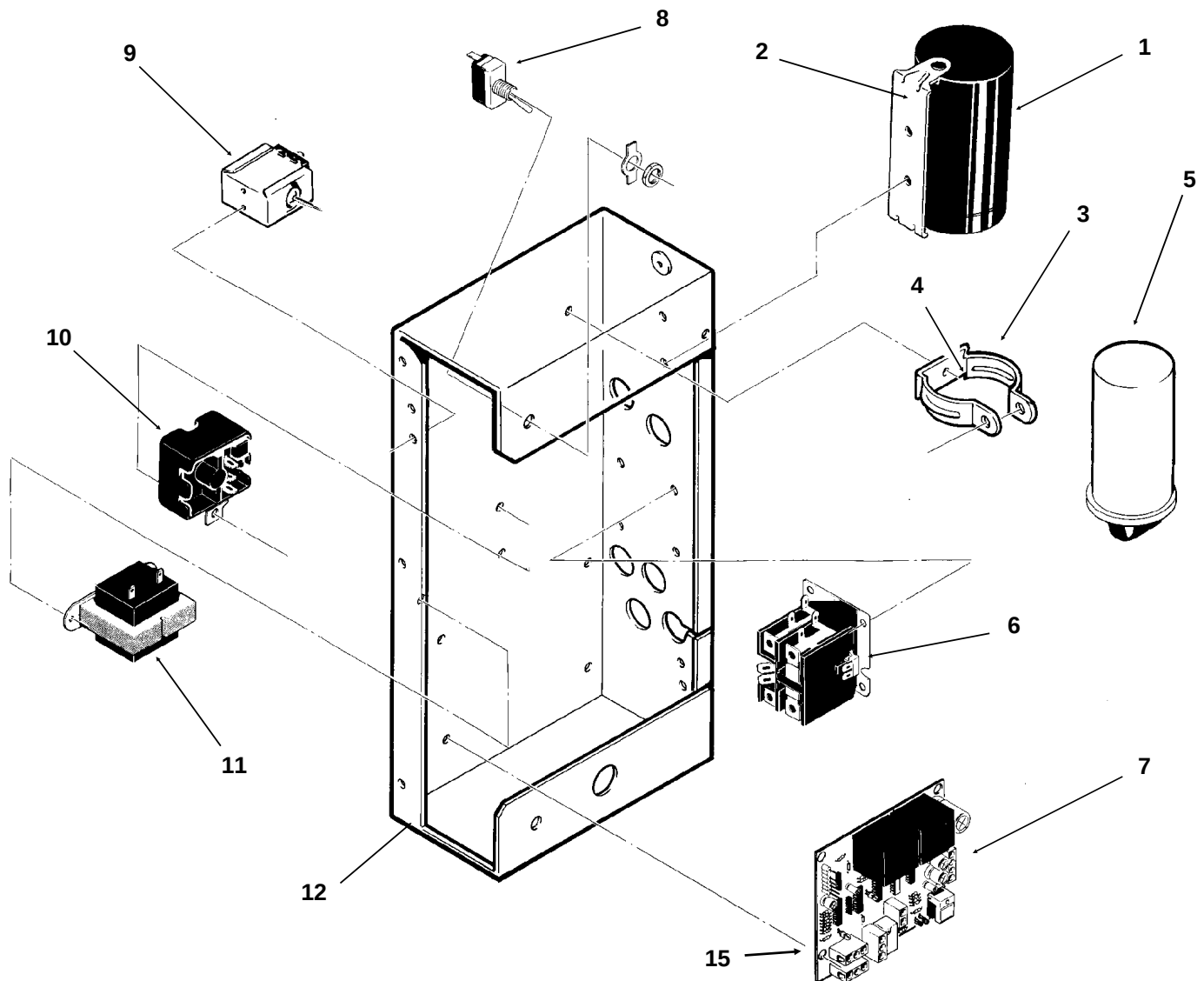
FME Evaporator, Bin Controls



ITEM NUMBER	PART NUMBER	DESCRIPTION
1.	A34969-001	Bail clip
2.	02-3268-01	Drain tube holder
3.	02-2930-04	Ice Chute Cover
4.	A32963-001	Insulation Top (half)
5.	02-2926-01	Ice Chute Body
6.	A33102-001	Insulation Collar Inside
7.	02-2929-04	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, thrust Washe
17.	A35419-020	Strap kit
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 18 & 19)
26.	A38071-022	Auger
27.	A32890-020	Evaporator
28.	03-1405-41	Cap Screw
29.	A32962-001	Insulation Bot. (half)
30.	02-3837-01	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

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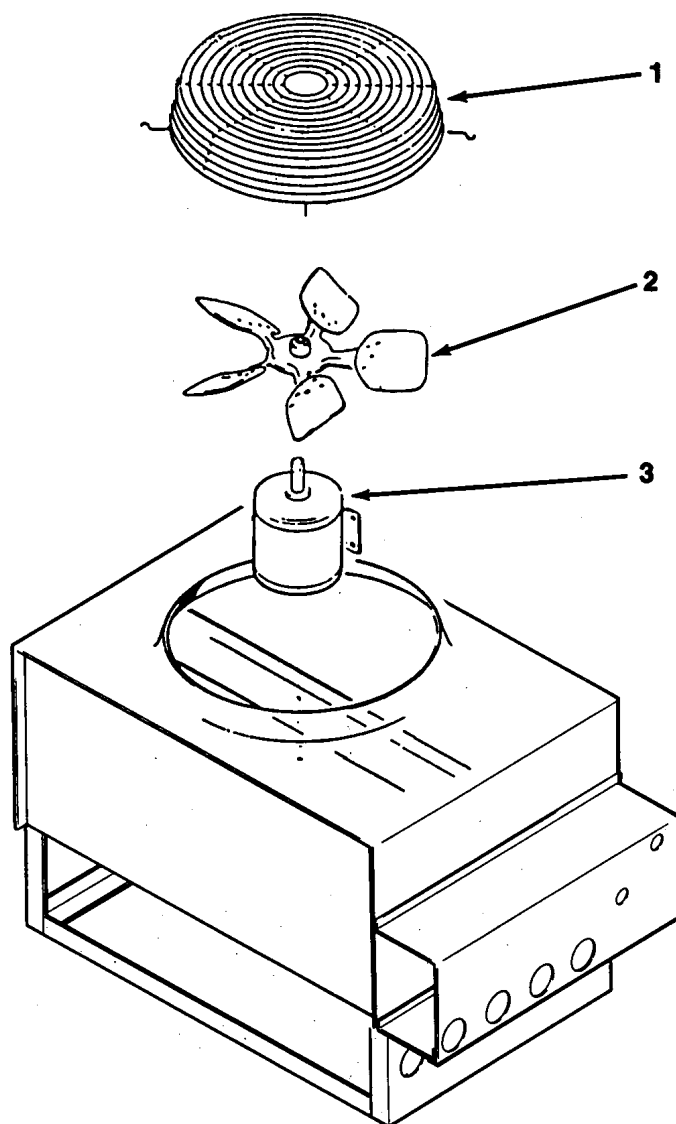
Control Box



ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	18-1901-54	Start Capacitor	7	A37750-021	Circuit Board
	18-2200-38	Start Capacitor Cap.	8.	12-0426-01	Master Switch
2.	18-2200-39	Start Capacitor Bracket	9.	11-0420-24	Pump down control
	03-1638-04	Screw	10	18-1903-33	Potential Relay
	03-1417-15	Lockwasher	11.	12-2285-22	Transformer
3.	A32872-001	Run Cap Bracket	12	no number	Control Box Assy
	03-1652-02	Bolt	NOT ILLUSTRATED		
	03-0255-04	Wing Nut	13.	12-2340-01	4 Pin Plug Assy
4.	03-1638-03	Screw			(Transformer to Circuit Board)
5.	18-1902-45	Run Capacitor	14	12-2350-01	Spacer/screw
6.	12-2469-02	Single Phase Contactor	Separate From The Control Box		
	12-0739-02	Three Phase Contactor	15.	12-2070-04	Fan Motor Relay
					(in a separate control box)
			16.	A34055-001	Control box cover

NME1850R & FME2400R SERVICE PARTS

Remote Condenser



RCE502

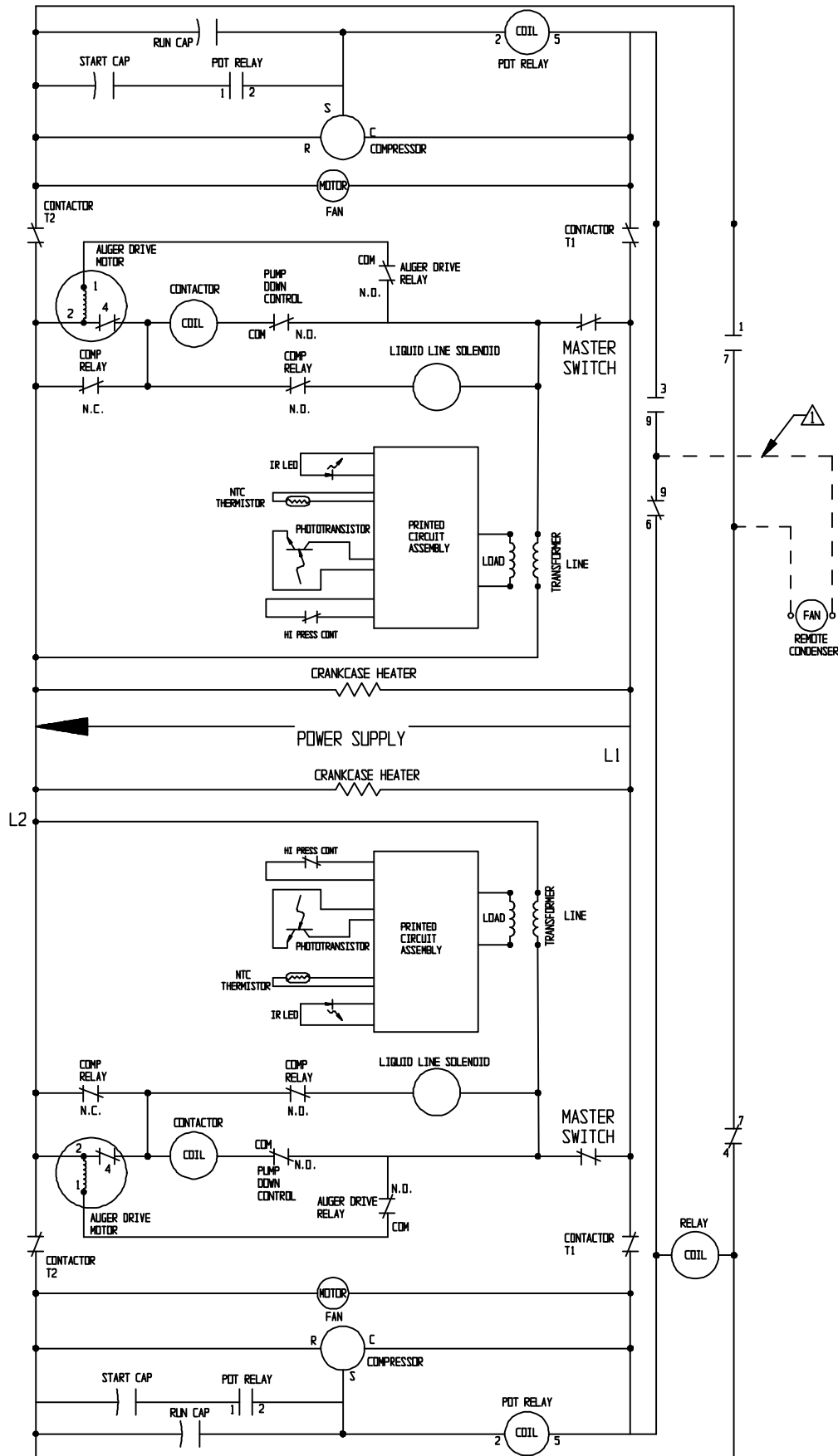
ITEM NUMBER	PART NUMBER	DESCRIPTION
1.	02-2618-01	Fan Guard
2.	18-6304-01	Fan Blade
3.	18-5301-01	Fan Motor
4.	16-1057-01	Line connection, female half 3/8"
5.	16-1057-02	Line connection, female half 1/2"

ERC302

1	02-3575-01	Fan guard
2	18-8800-01	Fan blade
3	18-8796-32	Fan motor

NME1850R & FME2400R SERVICE PARTS

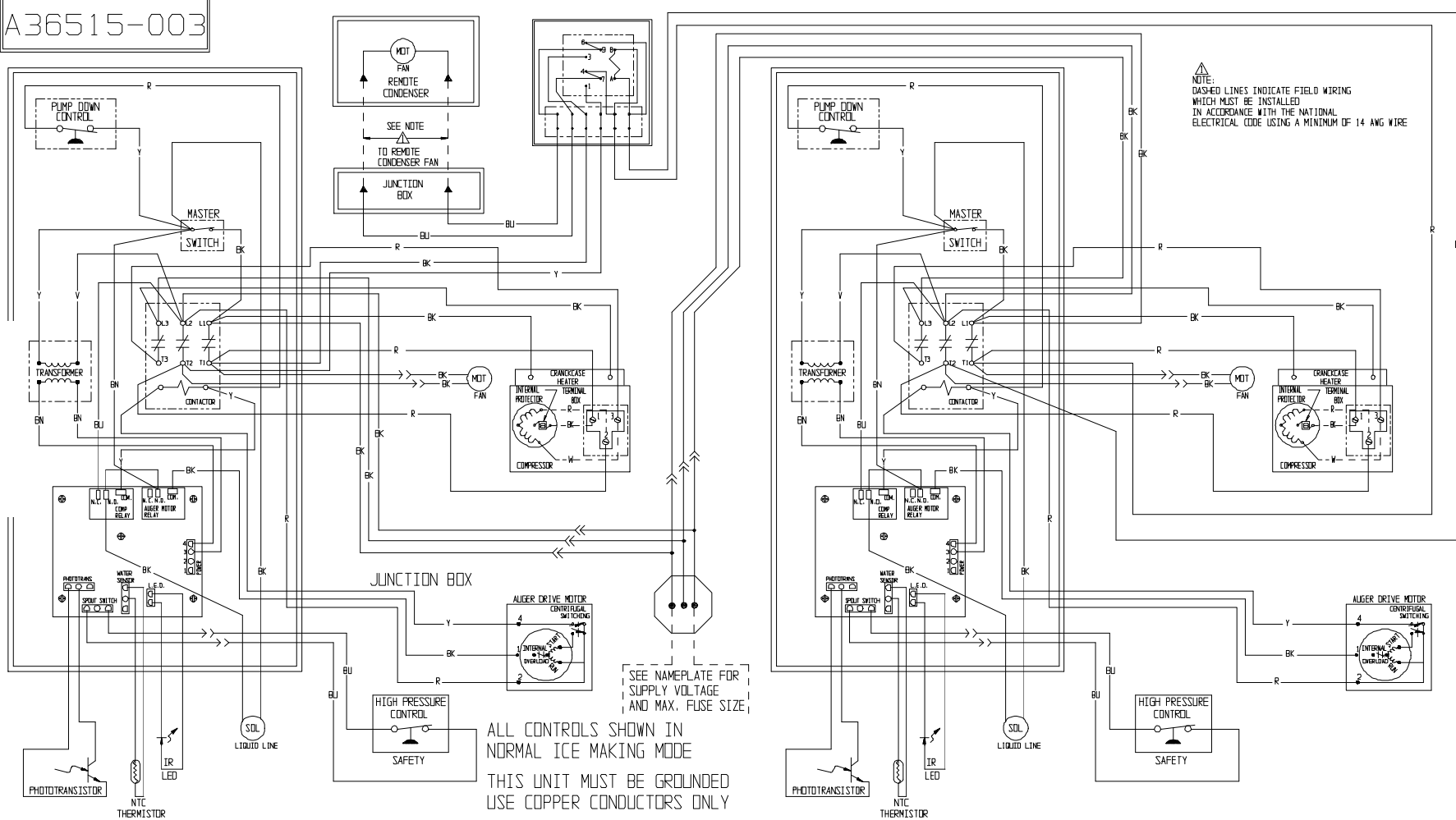
Schematic Diagram 208-230/60/1



NME1850R & FME2400R SERVICE PARTS

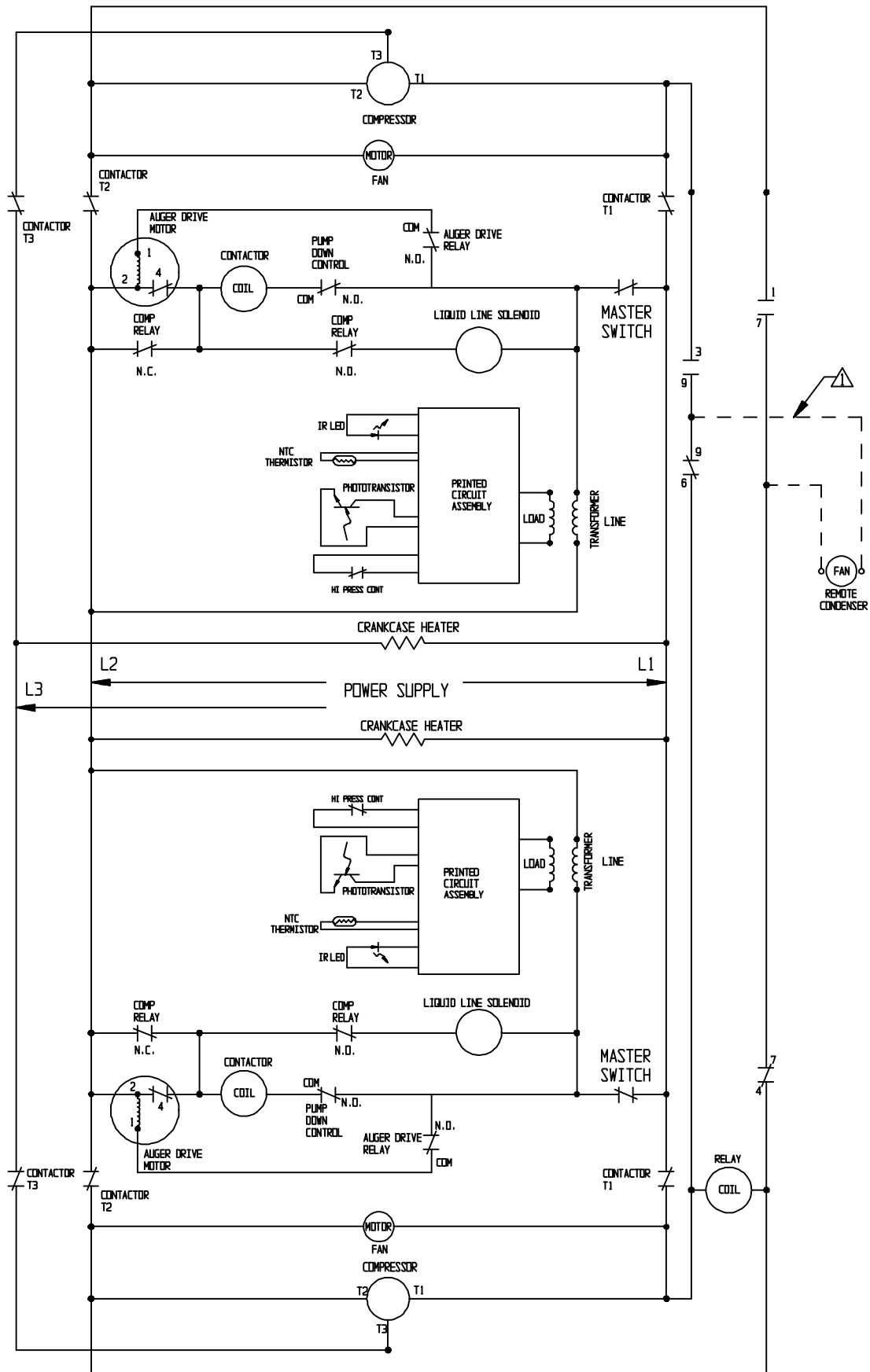
Component Layout Diagram 208-230/60/3

NOTE:
DASHED LINES INDICATE FIELD WIRING
WHICH MUST BE INSTALLED
IN ACCORDANCE WITH THE NATIONAL
ELECTRICAL CODE USING A MINIMUM OF 14 AWG WIRE



NME1850R & FME2400R SERVICE PARTS

Schematic Diagram 208-230/60/3





Bulletin Number: PS - 7 - 99
Bulletin Date: August 1999

SERVICE BULLETIN

Subject: NME950R, FME1200R, NME1850R and FME2400R

The above remote condenser flakers have had a refrigeration system change. An accumulator has been added to them. There was no change to refrigerant charge or superheat.

The part number of the accumulator is: **16-0778-01**.

Production of these machines with an accumulator began in July 1999.

The starting serial numbers are:

NME950RE-32A

212771-12P

FME2400RE-32A

212906-12P

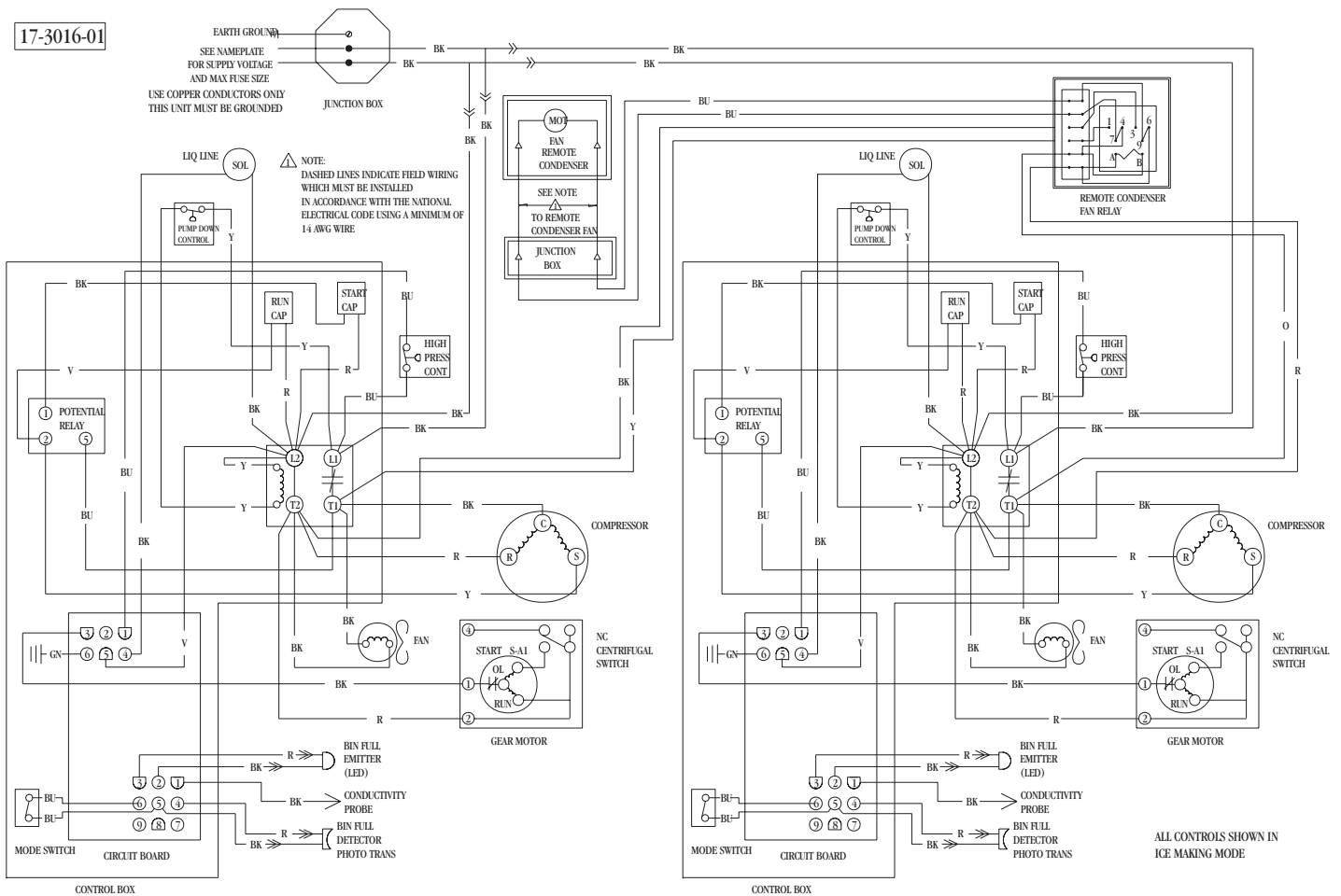
All NME950R, FME1200R, NME1850R and FME2400R produced July 1999 (-01P) and later have the accumulator.

SERVICE BULLETIN

Subject: Wiring Diagram Change, FME2404R and NME1854R

The wiring diagram for these models has been changed to correct an error. The original diagram wiring resulted in a mis-phased fan relay, which caused early life failure of the relay contacts.

The single phase diagram is shown here, the three phase diagram is on the back of this bulletin.



EARTH GROUND

SEE NAMEPLATE

FOR SUPPLY VOLTAGE
AND MAX FUSE SIZE

USE COPPER CONDUCTORS ONLY
THIS UNIT MUST BE GROUNDED

JUNCTION BOX

△ NOTE:

