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.

TABLE OF CONTENTS

Cabinet 2

Refrigeration 3

Water 4

Gearmotor 5

NME Evaporator 6

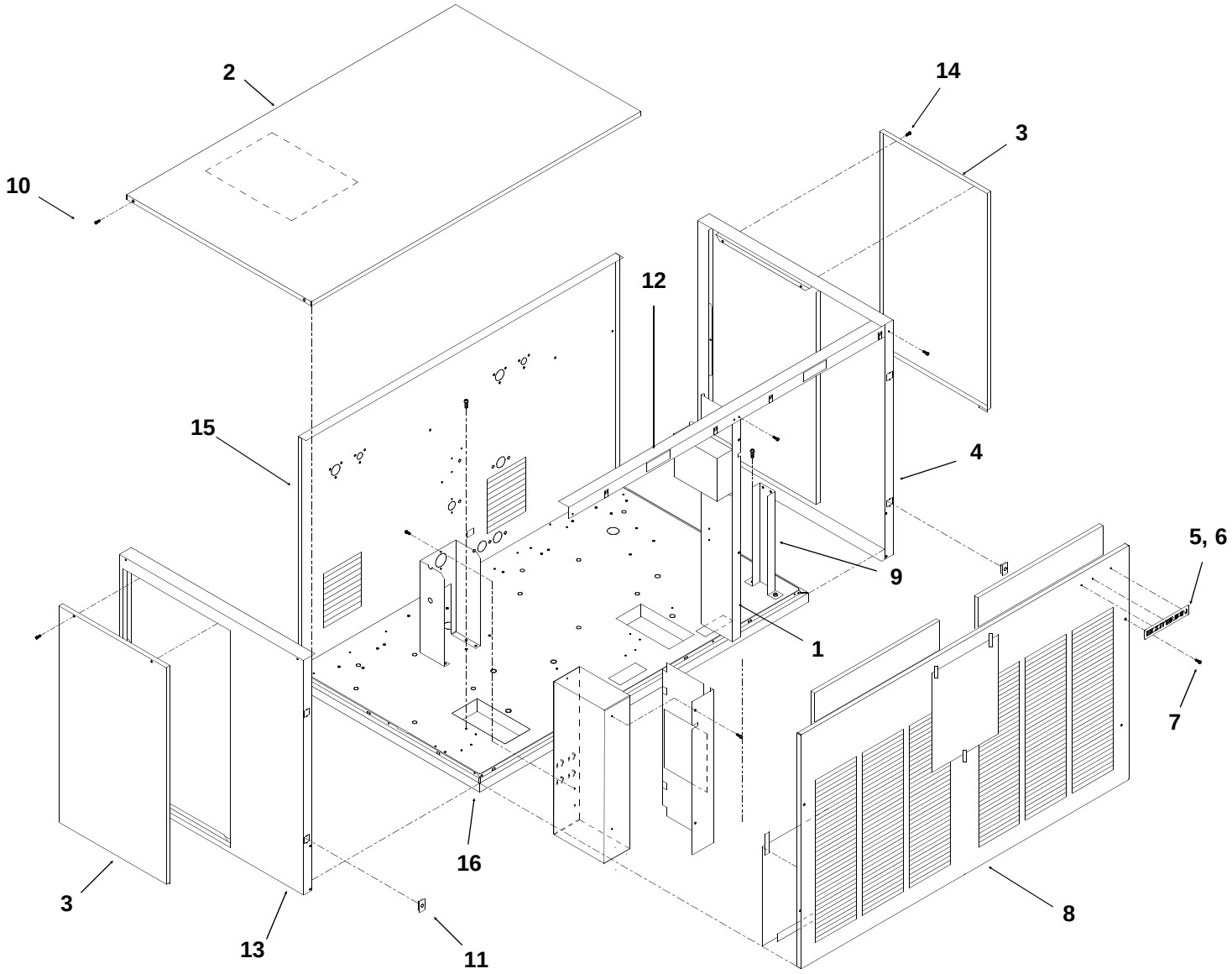
FME Evaporator 7

Control Box 8

Remote Condenser 9

Wiring Diagrams 10

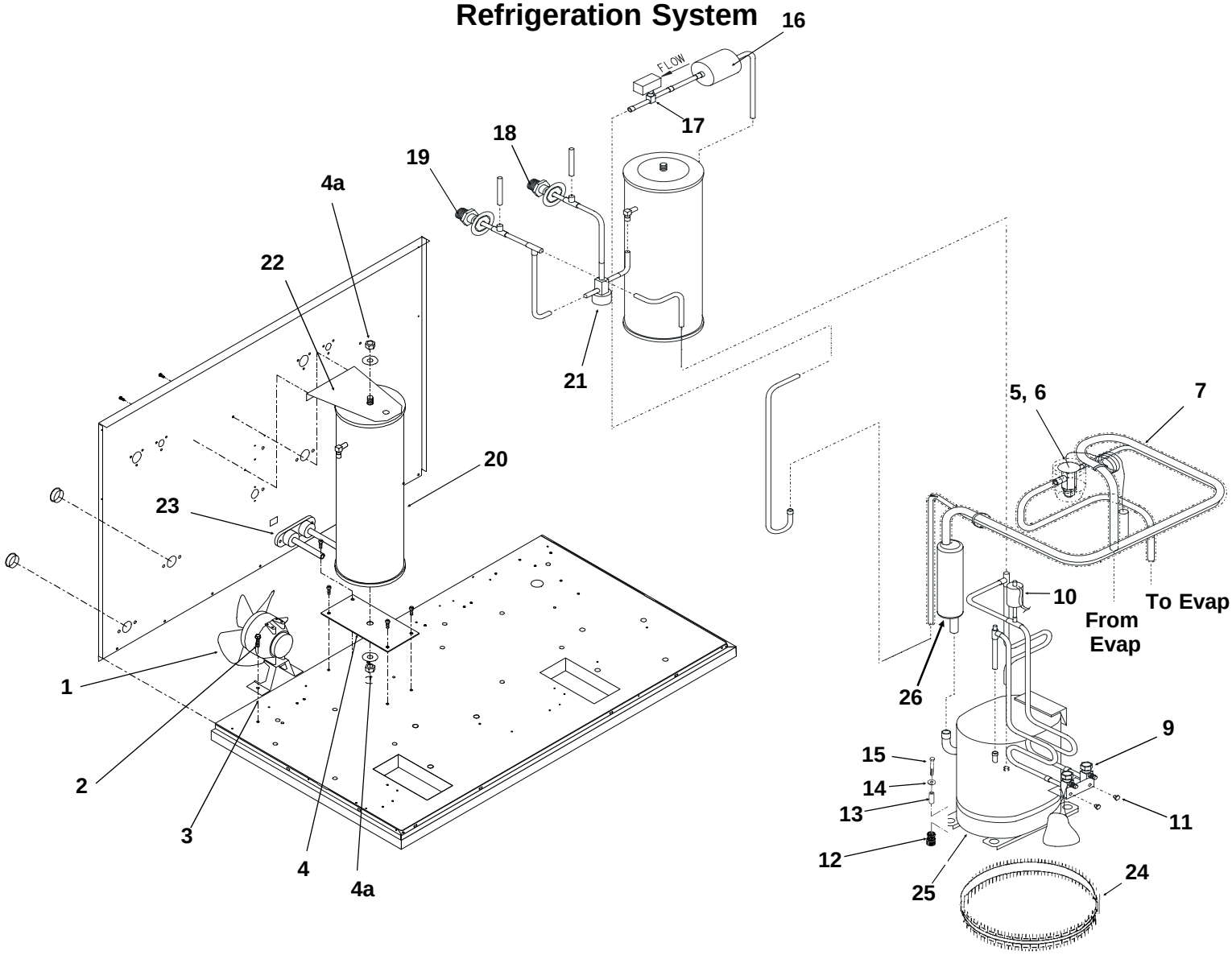
NME1850R & FME2400R SERVICE PARTS



ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A34286-001	Center Support	8	A34294-001	Front Panel, sandalwood
2	A32461-001	Top Panel, sandalwood		A34294-015	Front panel, gray
	A32461-015	Top panel, gray		A34294-002	Front Panel, S.S
	A32461-002	Top Panel, S.S.	.9	A36078-001	Reservoir bracket
3	A34038-001	Service Panel, sandalwood	10	03-1531-01	Screw
	A34038-015	Service panel, gray	11	02-0836-00	Catch
	A34038-002	Service Panel, S.S.	12	A34287-001	Support
4	A33292-001	Right Side Panel, sandalwood	13	A32435-001	Left Side Panel, sandalwood
	A33292-015	Right side panel, painted		A32435-015	Left side panel, gray
	A33292-002	Right Side Panel, S.S.		A32435-002	Left Side Panel, S.S.
5	03-0271-00	Speed Clip	14	03-1404-12	Screw
6	15-0711-01	Emblem, sandalwood	15	A36517-001	Rear Panel Painted Only
	15-0808-01	Emblem, gray		A36517-002	Rear panel, SS
7	03-1419-22	Screw	16.	A36554-001	Base

NME1850R & FME2400R SERVICE PARTS

Refrigeration System



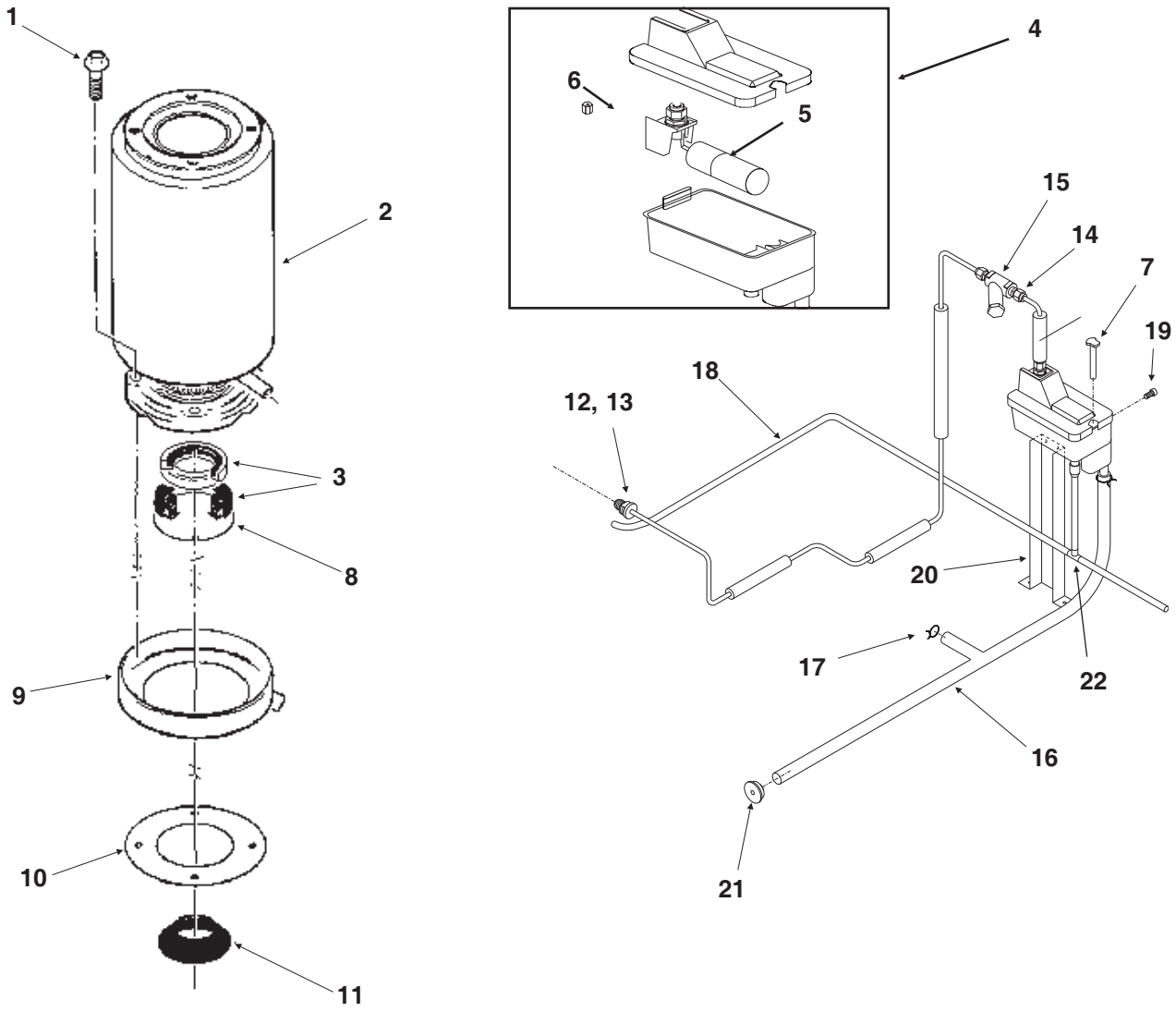
ITEM NUMBER	PART NUMBER	DESCRIPTION
1	18-8708-01	Fan Blade
2	12-1576-02	Fan Motor
3	A35246-001	Fan Bracket
4	A31801-002	Bracket
4a	03-1406-13	Nut
5	A32961-020	Insulation Kit (3 piece)
6	11-0488-21	Thermo Expansion Valve
7	A36496-001	Suction Line
8	A34285-001	Filler panel
9	16-0832-20	Access valve
9a	16-0832-02	Stem cap
9b	16-0832-03	Core cap
10	11-0485-21	Hi Pressure Cut Out
11	03-1645-01	Screw
12	18-2200-28	Grommet
13	18-2200-27	Sleeve
14	03-1407-07	Washer

ITEM NUMBER	PART NUMBER	DESCRIPTION
15	03-1405-20	Cap Screw
16	02-3319-02	Dryer
17	12-2135-02	Liquid line valve
18	16-0850-01	Liquid line fitting
19	16-0850-03	Discharge line fitting
20	16-0761-01	Receiver
21	11-0422-25	Discharge pressure control
22	A32968-001	Receiver bracket
23	02-3692-22	Drain fitting
24	12-1868-03	Crankcase heater
25	18-8768-22	Compressor 208-230/60/1
		Overload is internal
	18-8768-24	Compressor 200-230/60/3
		Overload is internal

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

26.	16-0778-21	Accumulator

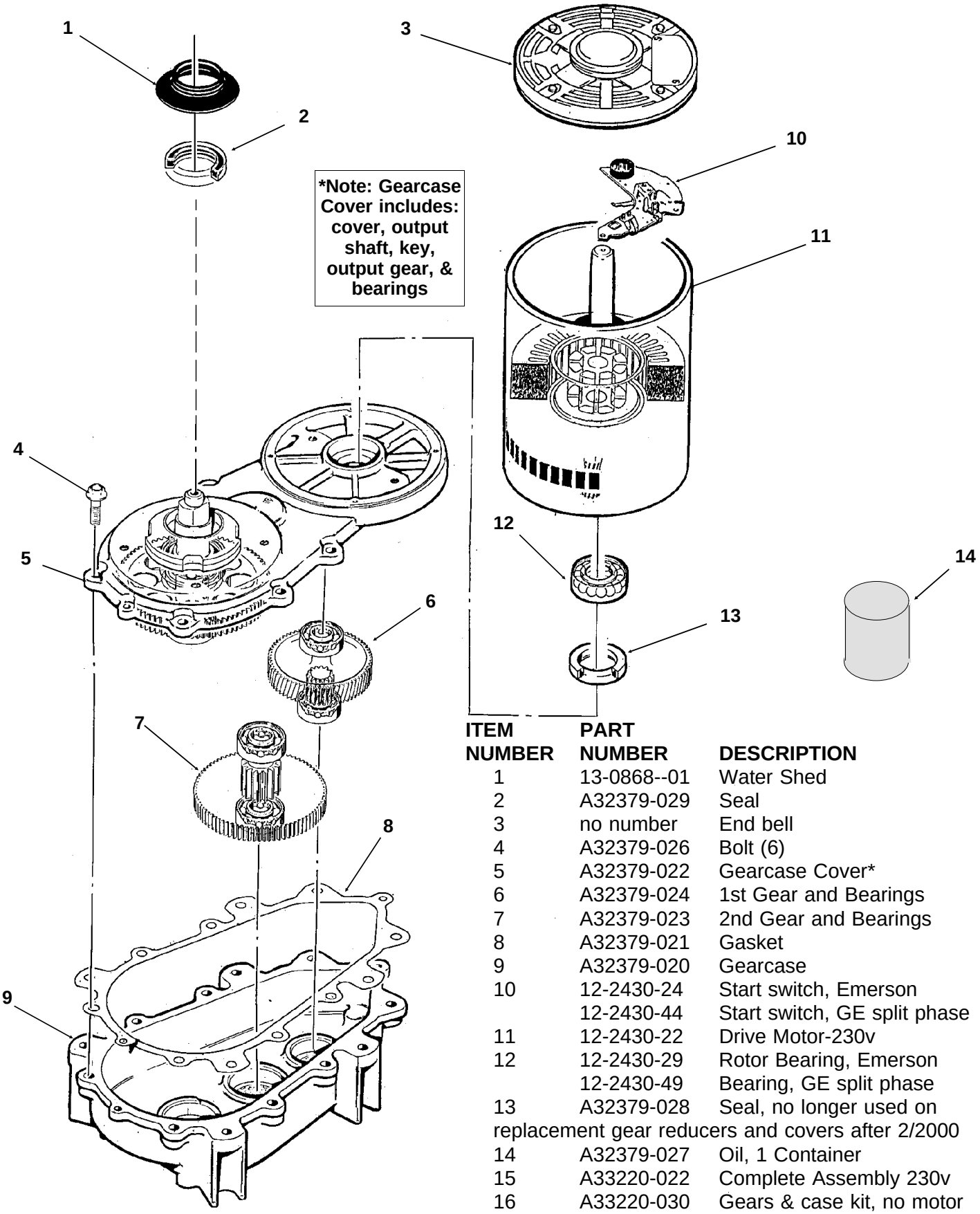
NME1850R & FME2400R SERVICE PARTS
Water System, Water Seal



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	03-1405-41	Cap Screw
2	A32890-020	Evaporator
3	02-0929-23	Water Seal
4	02-3266-01	Reservoir & valve
5	02-3266-02	Float valve
6	02-3266-03	Plunger/seat
7	A33101-022	Water Level Sensor
8	A32777-001	Retaining Ring for Seal
9	02-3837-01	Drip Pan
10	13-0704-00	Gasket
11	13-0868-01	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

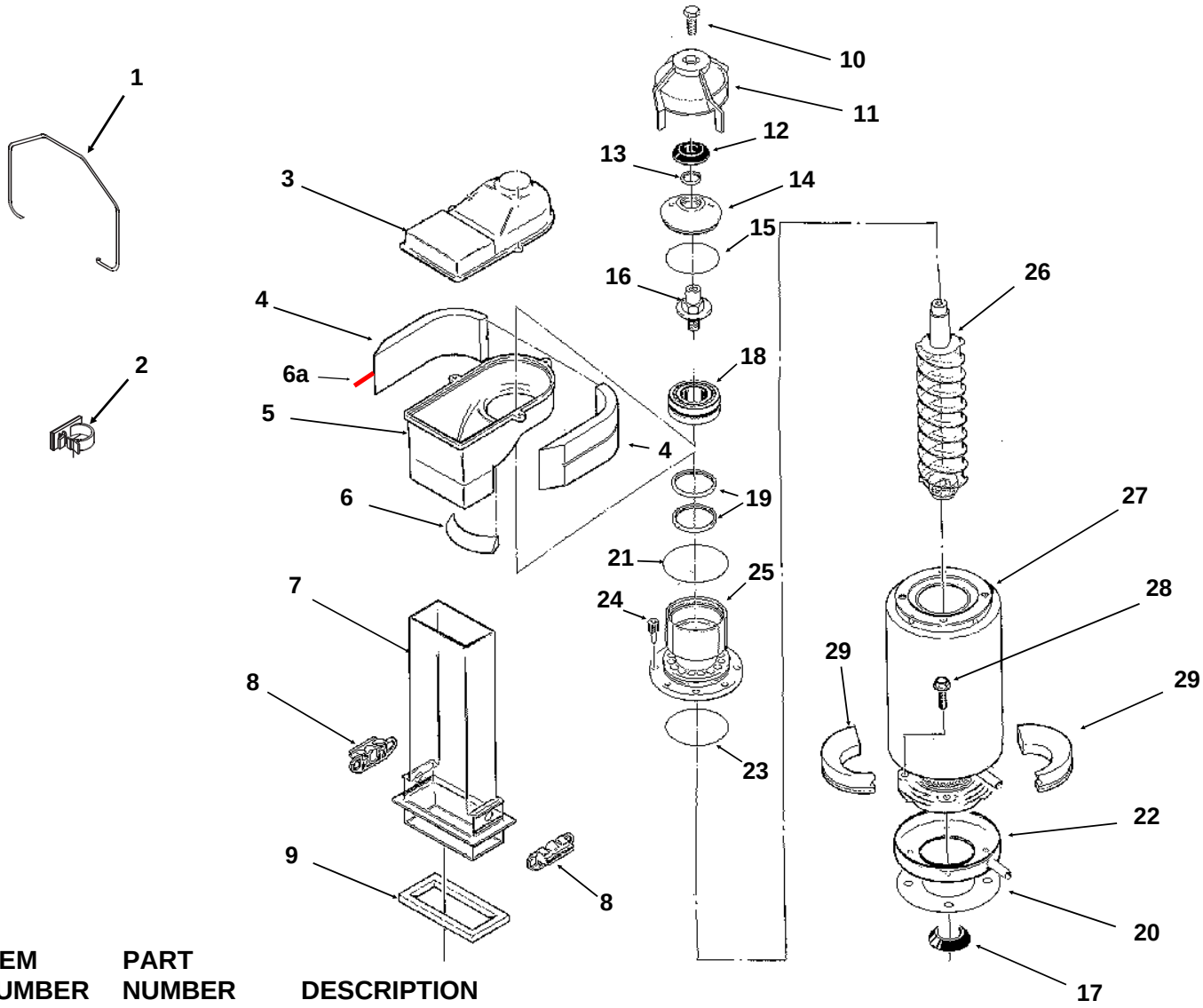
ITEM NUMBER	PART NUMBER	DESCRIPTION
15	16-0162-00	Strainer - not used after 11/97
16	A36154-001	Evap. water inlet tube
17	02-1338-00	Hose clamp
18	13-0079-03	Res. overflow hose
19	03-1639-03	Screw
20	A36078-002	Reservoir bracket
21	13-0840-01	Rubber cap
22	16-0670-02	Tee

NME1850R & FME2400R SERVICE PARTS
Gearmotor



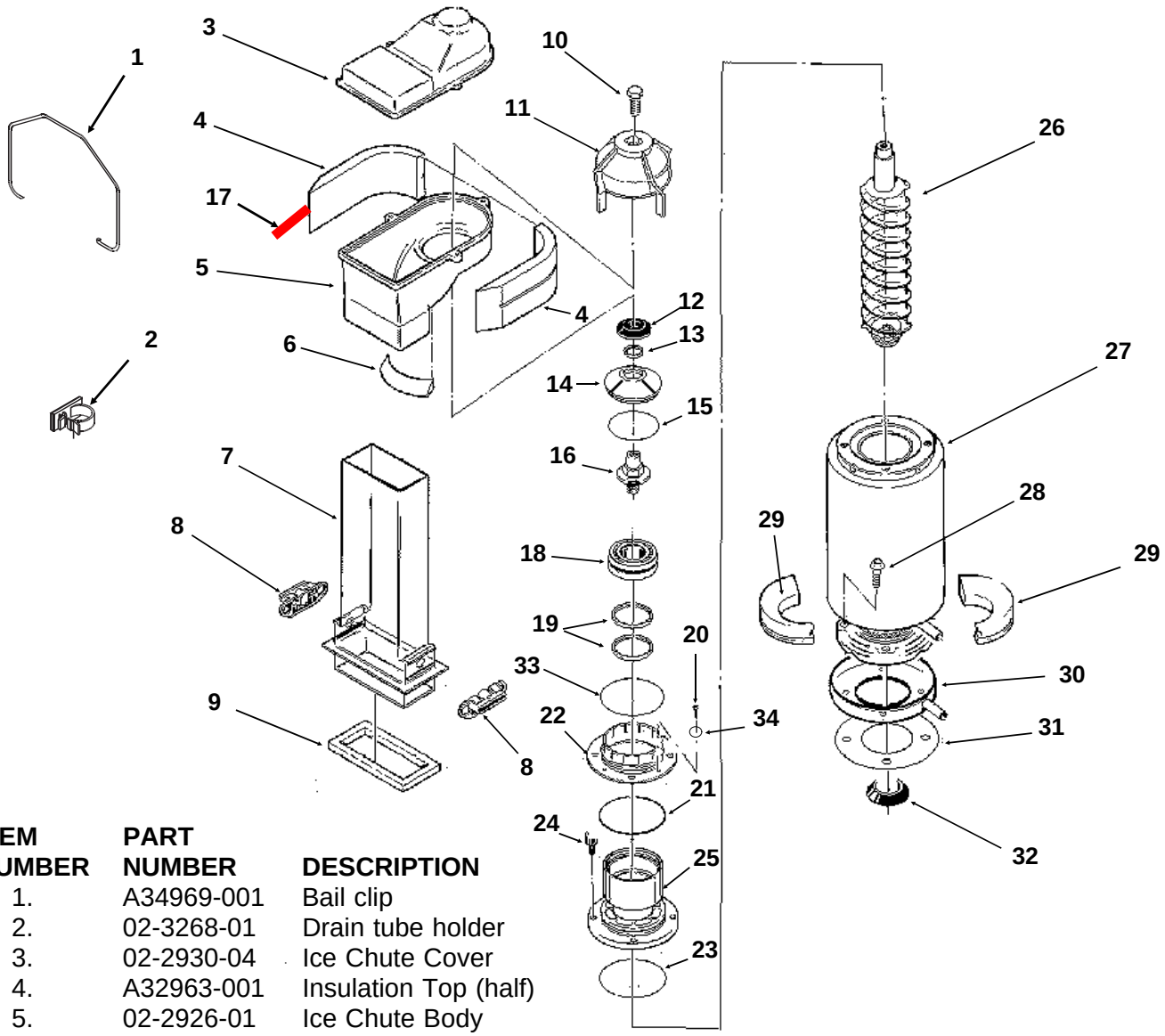
ITEM NUMBER	PART NUMBER	DESCRIPTION
1	13-0868--01	Water Shed
2	A32379-029	Seal
3	no number	End bell
4	A32379-026	Bolt (6)
5	A32379-022	Gearcase Cover*
6	A32379-024	1st Gear and Bearings
7	A32379-023	2nd Gear and Bearings
8	A32379-021	Gasket
9	A32379-020	Gearcase
10	12-2430-24	Start switch, Emerson
	12-2430-44	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, no longer used on replacement gear reducers and covers after 2/2000
14	A32379-027	Oil, 1 Container
15	A33220-022	Complete Assembly 230v
16	A33220-030	Gears & case kit, no motor

NME1850R & FME2400R SERVICE PARTS
NME 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
6a	A35419-020	Strap kit
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.	13-0617-52	O-Ring
16.	08-0660-01	Auger Stud & washer
17.	13-0868-01	Water Shed
18.	A34559-020	Bearing
19.	02-2977-01	Lip Seal
20.	13-0704-00	Drip Pan Gasket
21.	13-0617-54	O-Ring
22.	02-3837-01	Drip Pan
23.	13-0617-45	O-Ring
24.	03-1544-08	Soc. Head Screw
25.	A32900-020	Breaker (includes 18 & 19)
26.	A38071-022	Auger
27.	A32890-020	Evaporator
28.	03-1405-41	Cap Screw
29.	A32962-001	Insulation Bot. (half)

NME1850R & FME2400R SERVICE PARTS
FME Evaporator, Bin Controls



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1.	A34969-001	Bail clip
2.	02-3268-01	Drain tube holder
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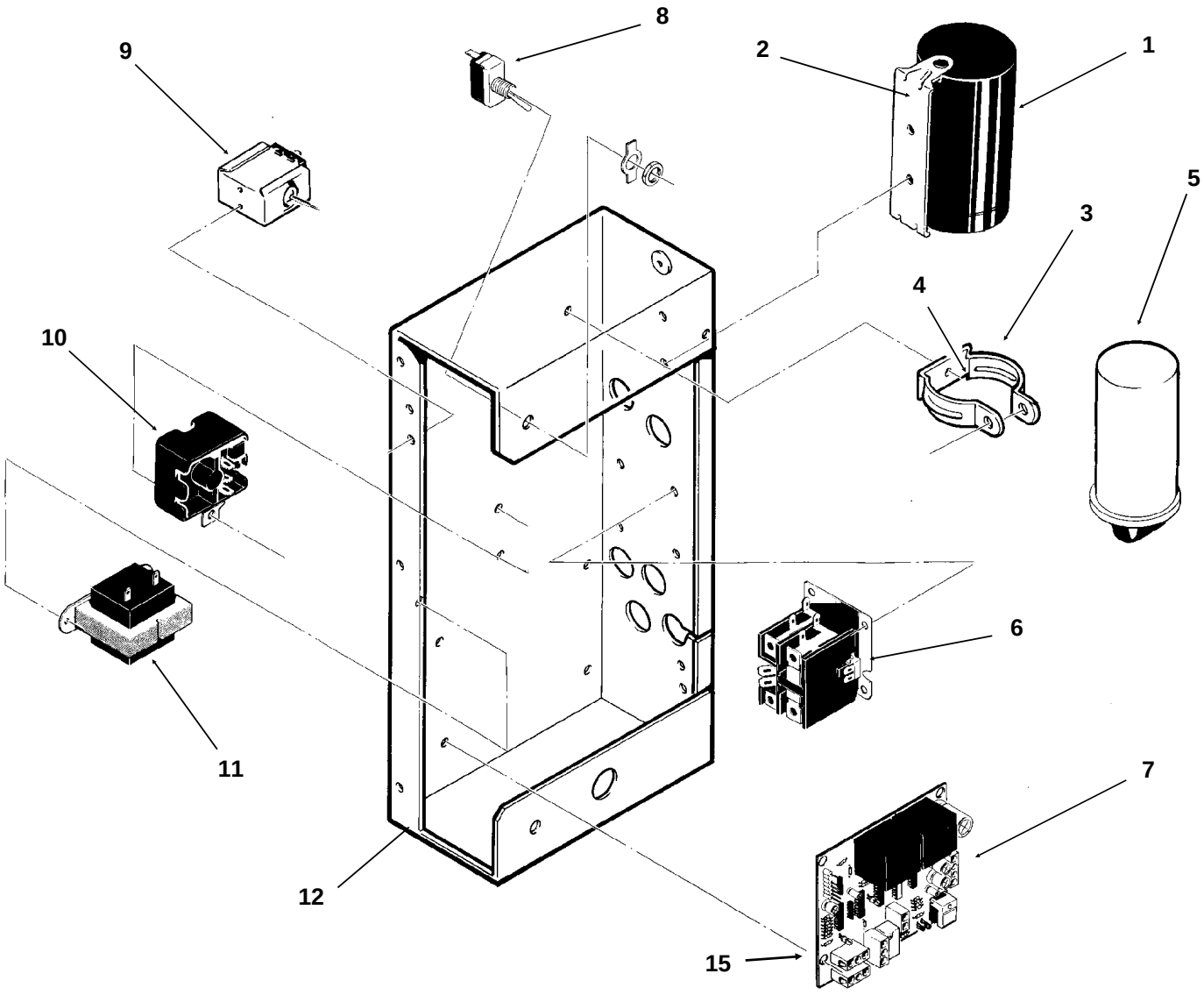
4.	A32963-001	Insulation Top (half)
5.	02-2926-01	Ice Chute Body
6.	A33102-001	Insulation Collar Inside
7.	02-2929-04	Ice Chute Lower
8.	A37708-021	Bin Controls Assy. (set of 2)
9.	A32930-001	Chute Gasket
10.	03-1405-52	Hex Cap Screw
11.	02-3001-01	Ice Sweep
12.	13-0871-01	Water Shed
13.	02-2978-01	Lip 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

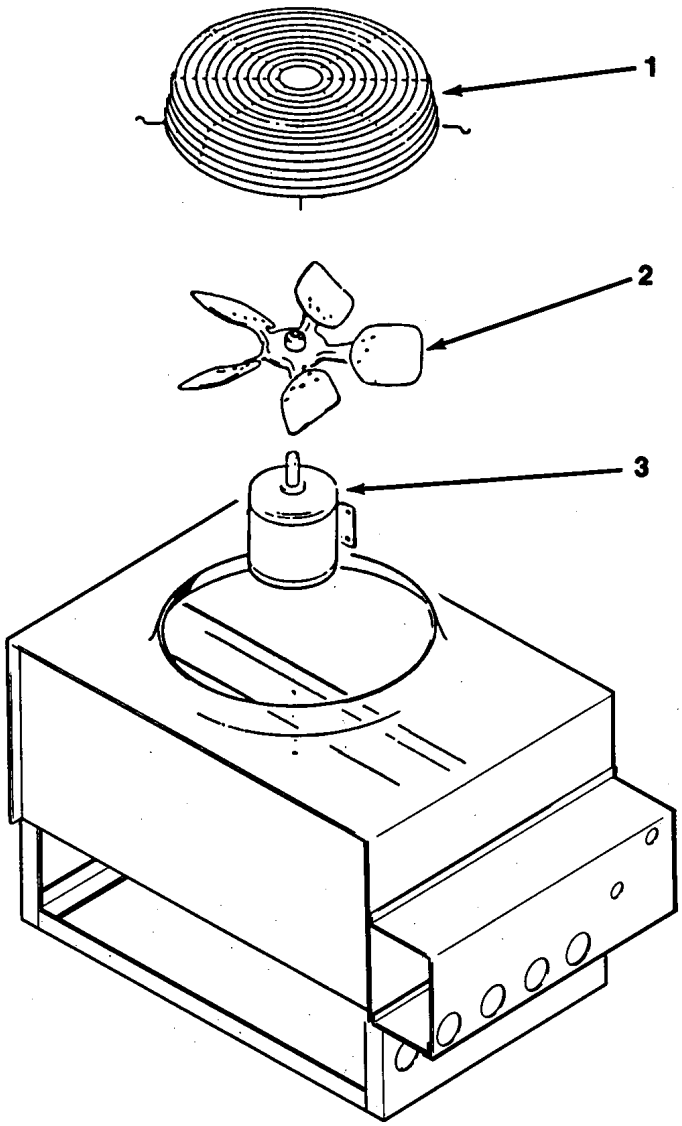
NME1850R & FME2400R SERVICE PARTS
Control Box



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	18-1901-54	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.	18-1902-45	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.	11-0420-24	Pump down control
10	18-1903-33	Potential Relay
11.	12-2285-22	Transformer
12	no number	Control Box Assy
NOT ILLUSTRATED		
13.	12-2340-01	4 Pin Plug Assy (Transformer to Circuit Board)
14	12-2350-01	Spacer/screw
Separate From The Control Box		
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

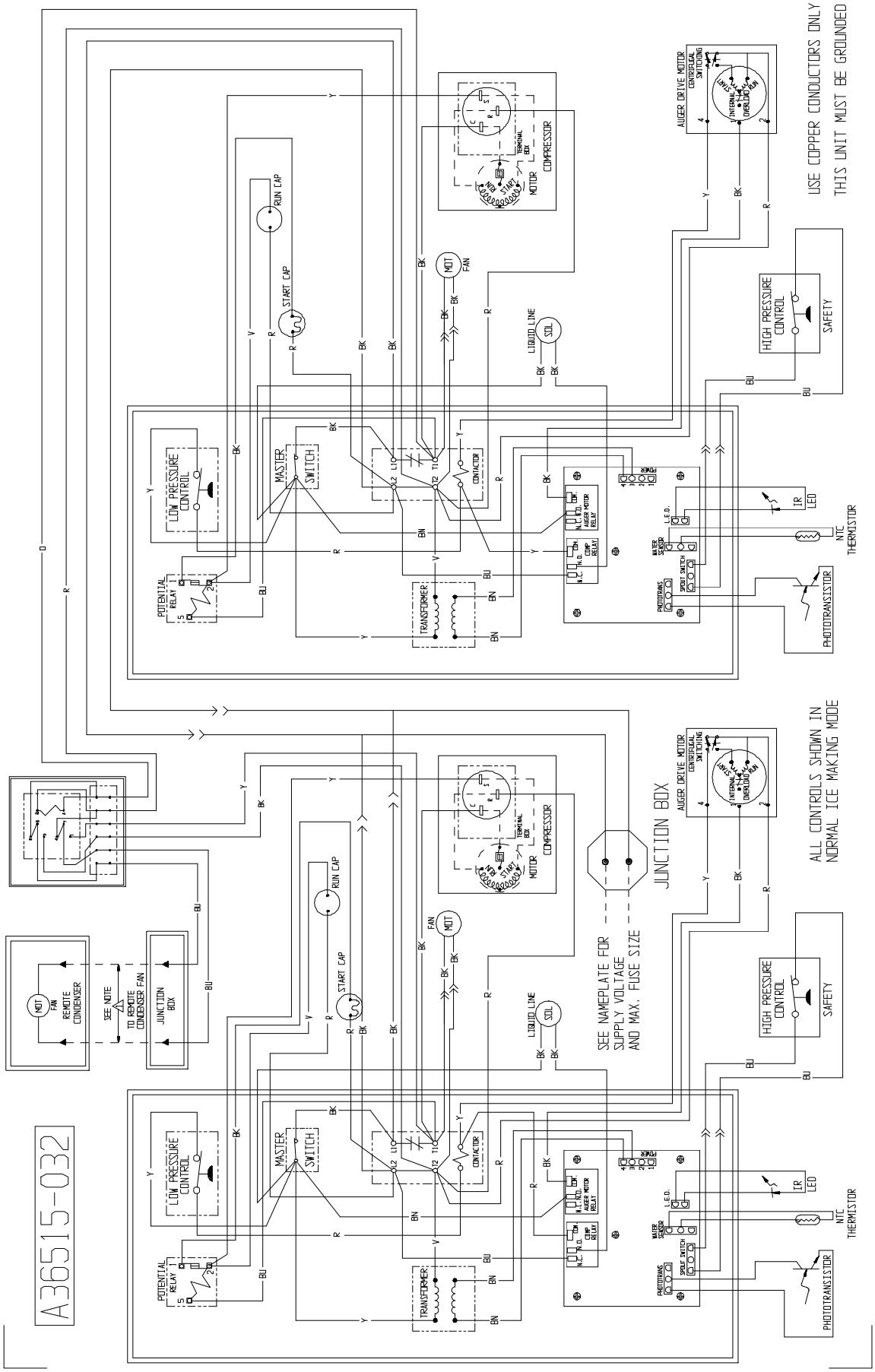
ITEM NUMBER	PART NUMBER	DESCRIPTION
1.	02-2618-01	Fan Guard
2.	18-6304-01	Fan Blade
3.	18-5301-01	Fan Motor
4.	16-1057-01	Line connection, female half 3/8"
5.	16-1057-02	Line connection, female half 1/2"

ERC302

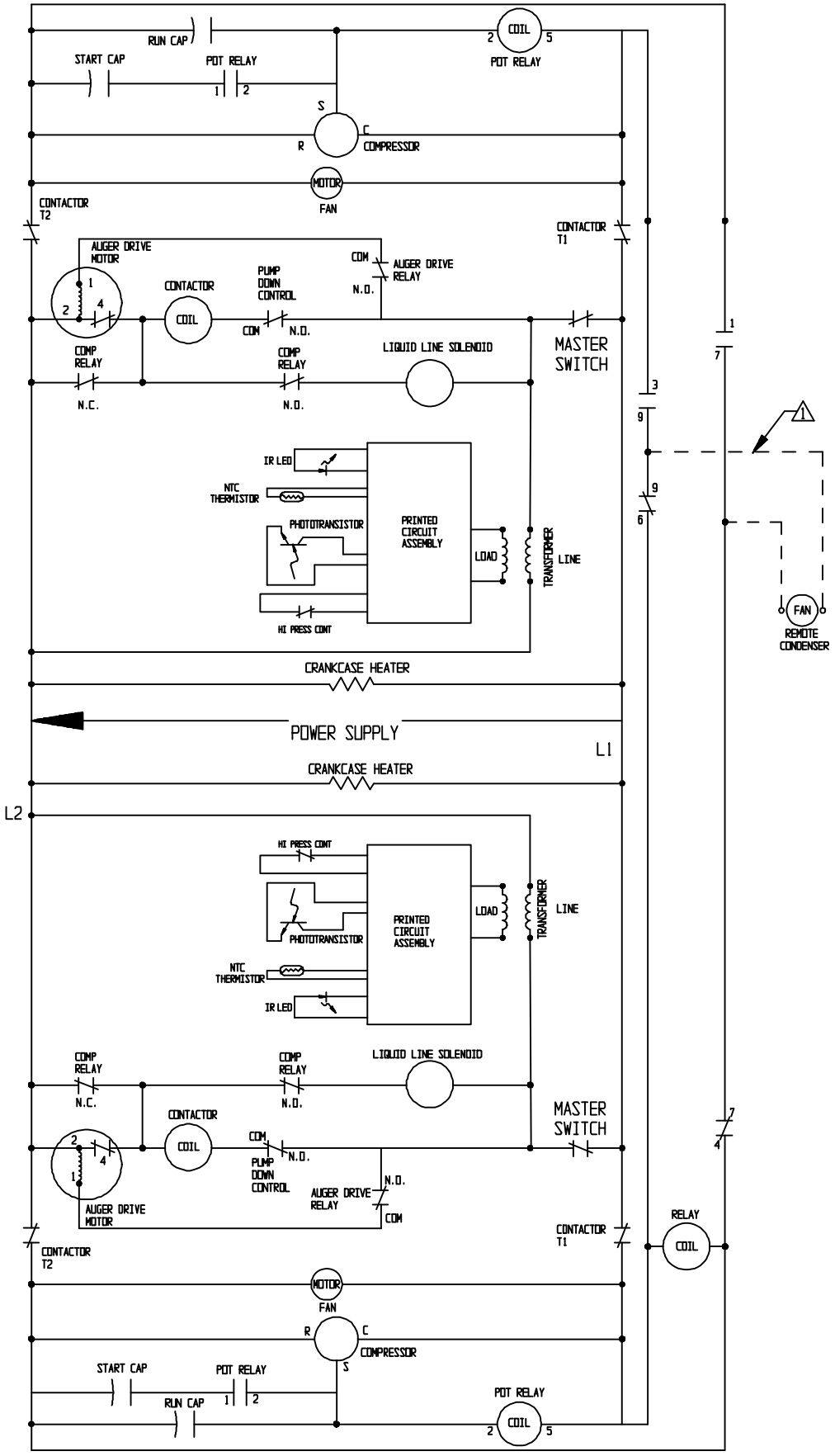
1	02-3575-01	Fan guard
2	18-8800-01	Fan blade
3	18-8796-32	Fan motor

NME1850R & FME2400R SERVICE PARTS

Component Layout Diagram 208-230/60/1

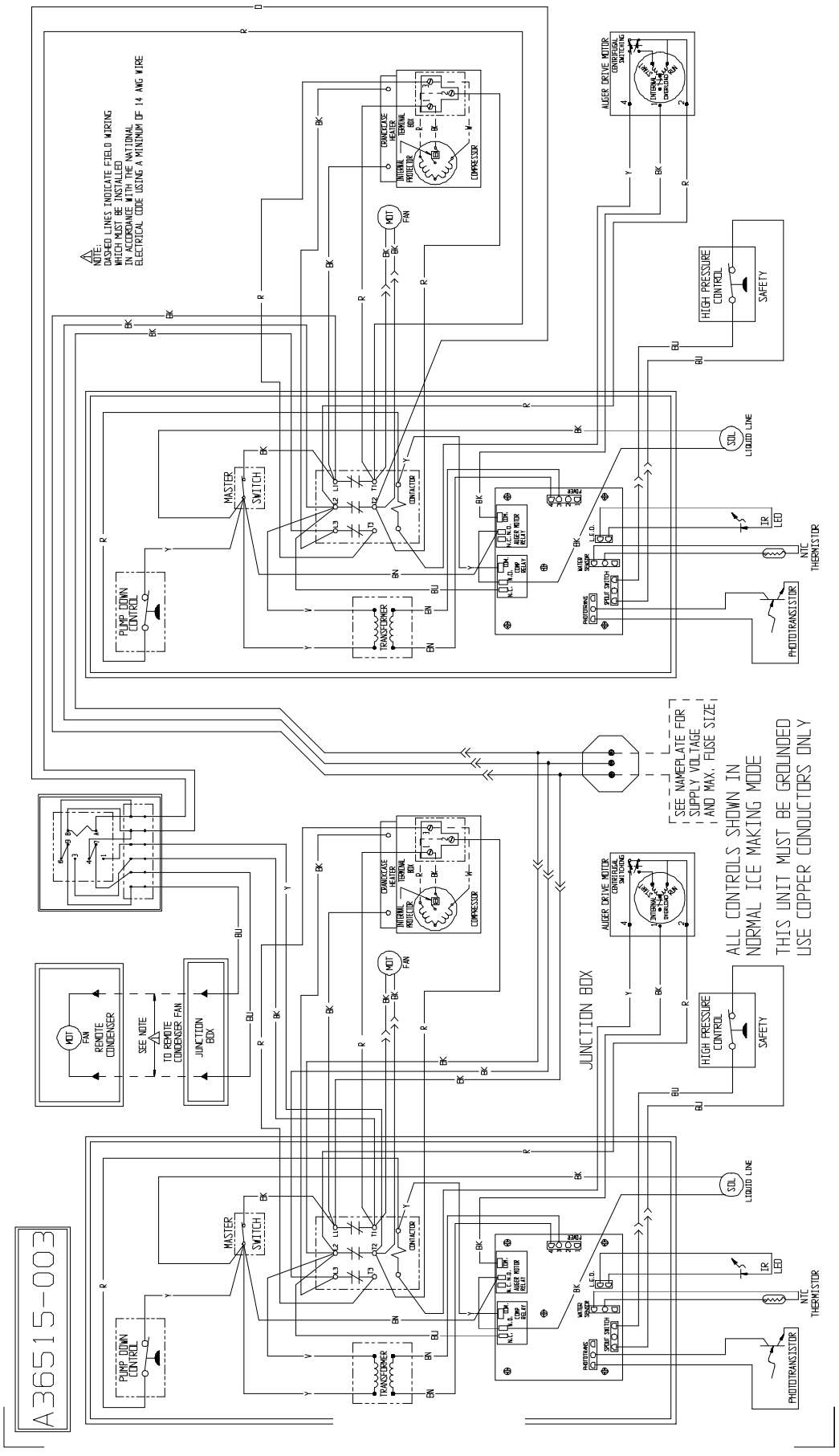


NME1850R & FME2400R SERVICE PARTS
Schematic Diagram 208-230/60/1

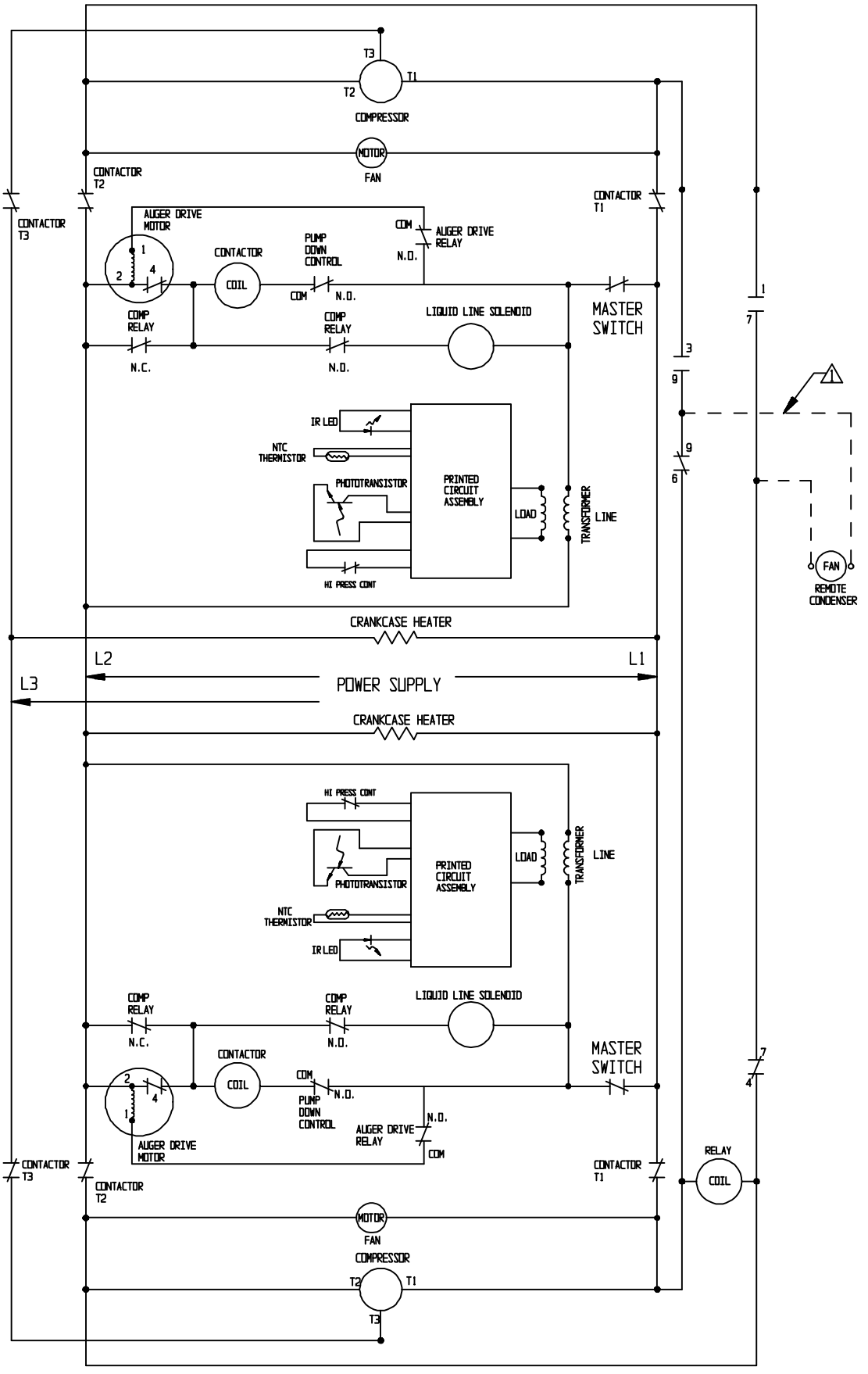


NME1850R & FME2400R SERVICE PARTS

Component Layout Diagram 208-230/60/3



NME1850R & FME2400R SERVICE PARTS
Schematic Diagram 208-230/60/3



SCOTSMAN®
ICE SYSTEMS

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.

Scotsman®

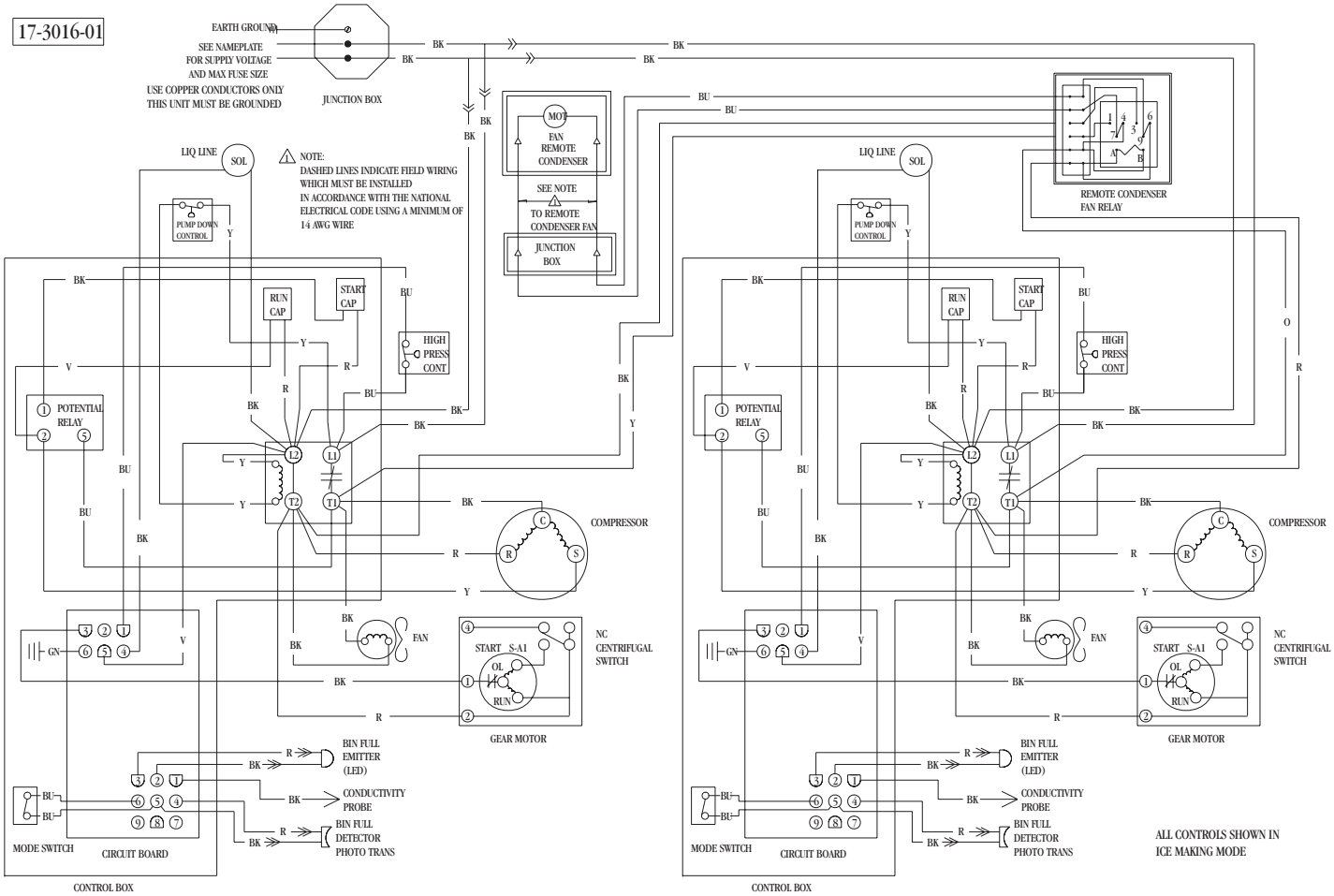
Bulletin Number: **PS - 9 - 2003**
Bulletin Date: **October 2003**

SERVICE BULLETIN

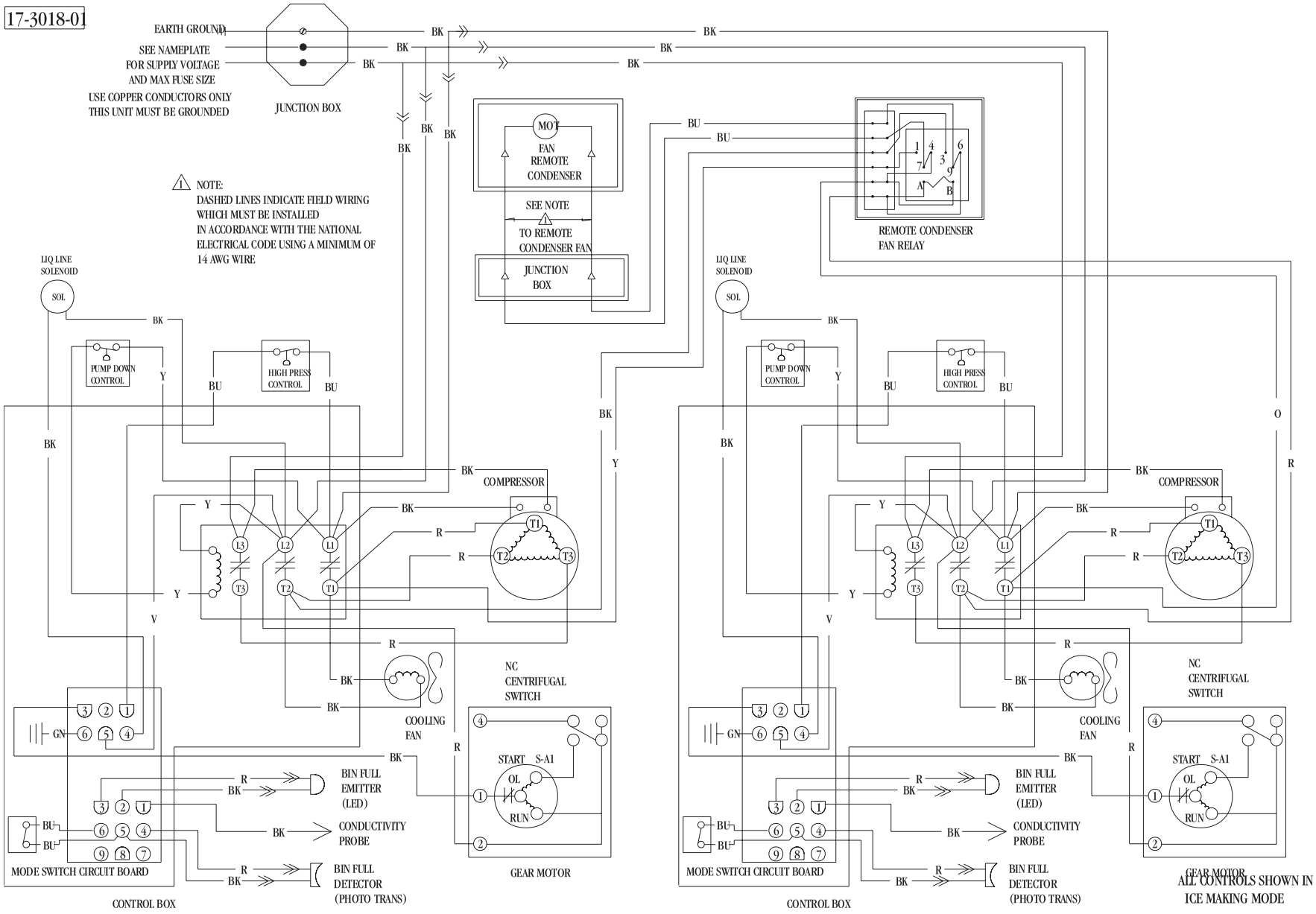
Subject: Wiring Diagram Change, FME2404R and NME1854R

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.



17-3018-01


EARTH GROUND
SEE NAMEPLATE FOR SUPPLY VOLTAGE AND MAX FUSE SIZE
USE COPPER CONDUCTORS ONLY
THIS UNIT MUST BE GROUNDED
JUNCTION BOX
MOT
FAN REMOTE CONDENSER
SEE NOTE 1
TO REMOTE CONDENSER FAN
JUNCTION BOX
REMOTE CONDENSER FAN RELAY
1 NOTE:
DASHED LINES INDICATE FIELD WIRING WHICH MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE USING A MINIMUM OF 14 AWG WIRE
LIQ LINE SOLENOID
SOL
PUMP DOWN CONTROL
HIGH PRESS CONTROL
COMPRESSOR
COOLING FAN
NC CENTRIFUGAL SWITCH
START S-A1
OL
RUN
GN
BIN FULL EMITTER (LED)
CONDUCTIVITY PROBE
BIN FULL DETECTOR (PHOTO TRANS)
MODE SWITCH CIRCUIT BOARD
CONTROL BOX
GEAR MOTOR
ALL CONTROLS SHOWN IN ICE MAKING MODE