

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.

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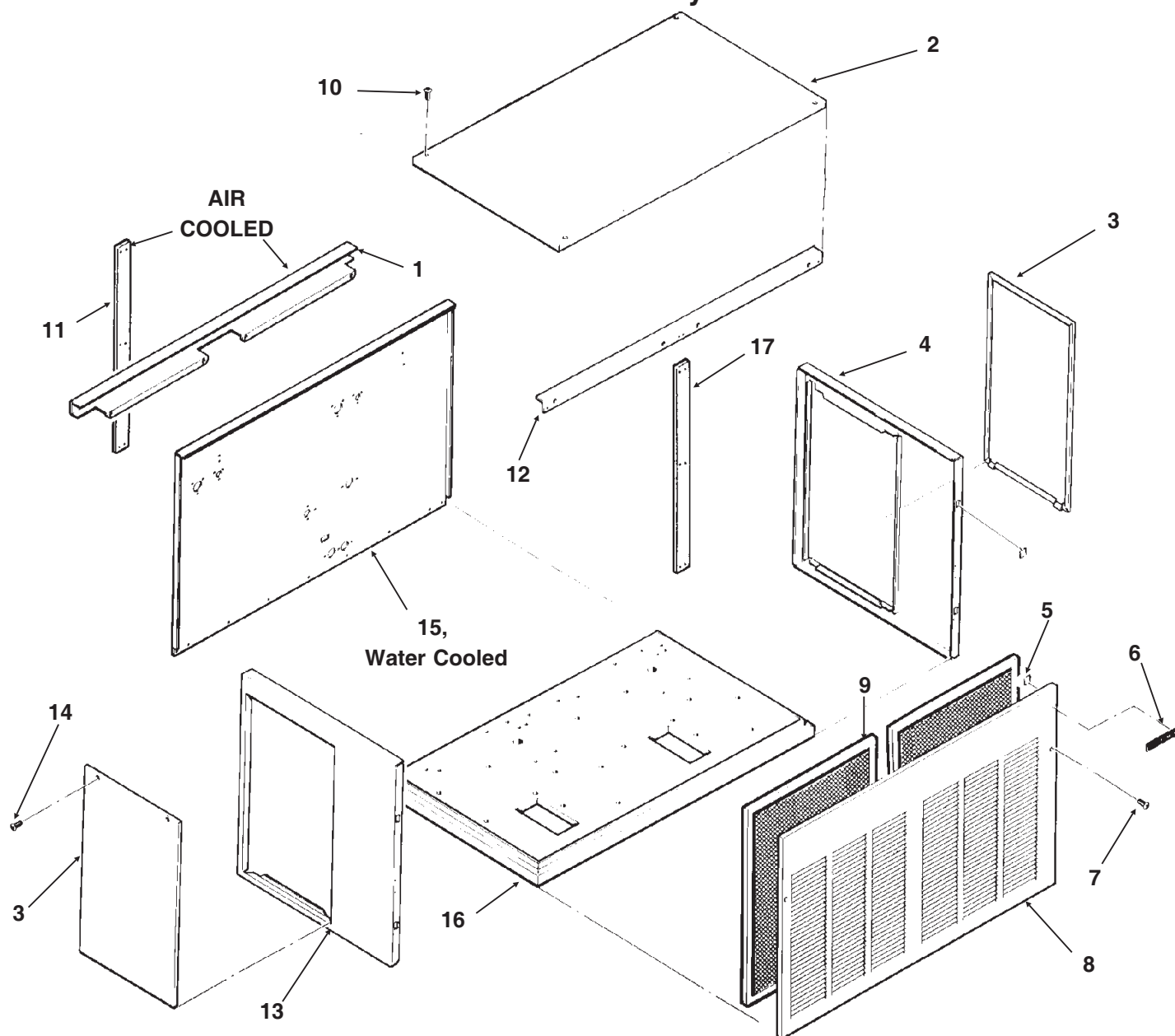
This diagram is a detailed exploded view of a mechanical assembly, possibly a pump or engine component. It features a central rectangular frame with internal components. Surrounding this frame are various sub-assemblies and individual parts, including:

- Top Section:** A complex assembly of pipes, valves, and a cylindrical component, likely a pump or motor, connected to a larger frame.
- Right Side:** A vertical assembly consisting of a cylindrical component, a valve, and a smaller cylindrical part, possibly a filter or a sensor.
- Bottom Section:** A large, rectangular component, possibly a motor or a pump, with a complex internal structure and a large cylindrical part.
- Left Side:** A vertical assembly consisting of a cylindrical component, a valve, and a smaller cylindrical part, possibly a filter or a sensor.
- Central Frame:** A rectangular frame with internal components, including a large cylindrical part and a smaller cylindrical part.

The diagram uses various line styles and symbols to represent different components and their assembly relationships. The exploded view allows for a clear understanding of the overall structure and the relative positions of the various parts.

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Cabinet Assembly

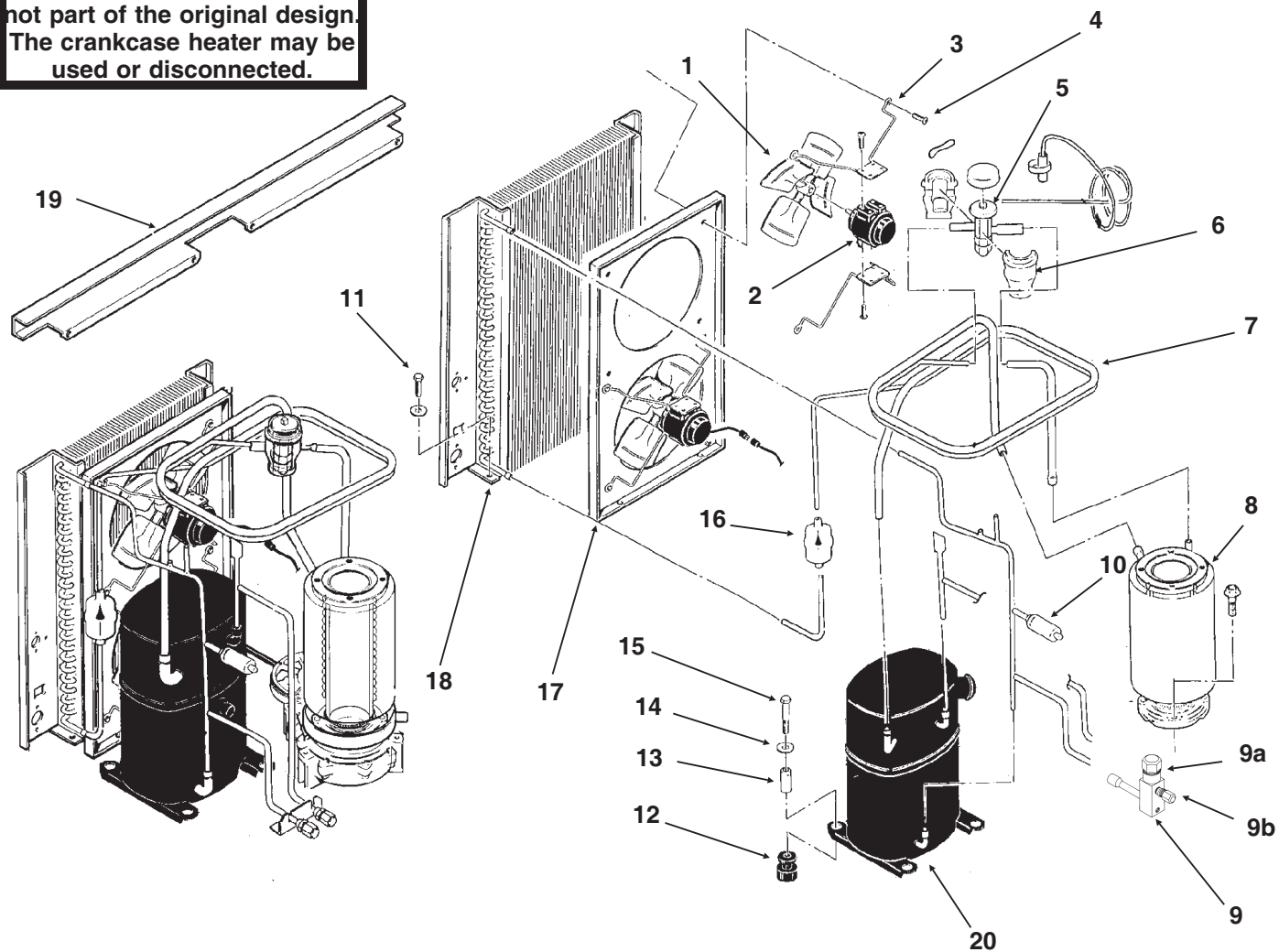


ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A34284-001	Condenser Support	9	02-2976-01	Filter Assembly (1)
2	A32461-001	Top Panel, Painted	10	03-1531-01	Screw
	A32461-002	Top Panel, S.S.	11	A34285-001	Filler Plate, Air Cooled
3	A34038-001	Service Panel, Painted	12	A34287-001	Support
	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	A34283-001	Rear Panel, Water Cooled Painted Only
6	15-0808-01	Emblem	16.	A34282-001	Base
7	03-1419-08	Screw	17.	A34286-001	Center Support
8	A34294-001	Front Panel, Painted			
	A34294-002	Front Panel, S.S.			

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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.



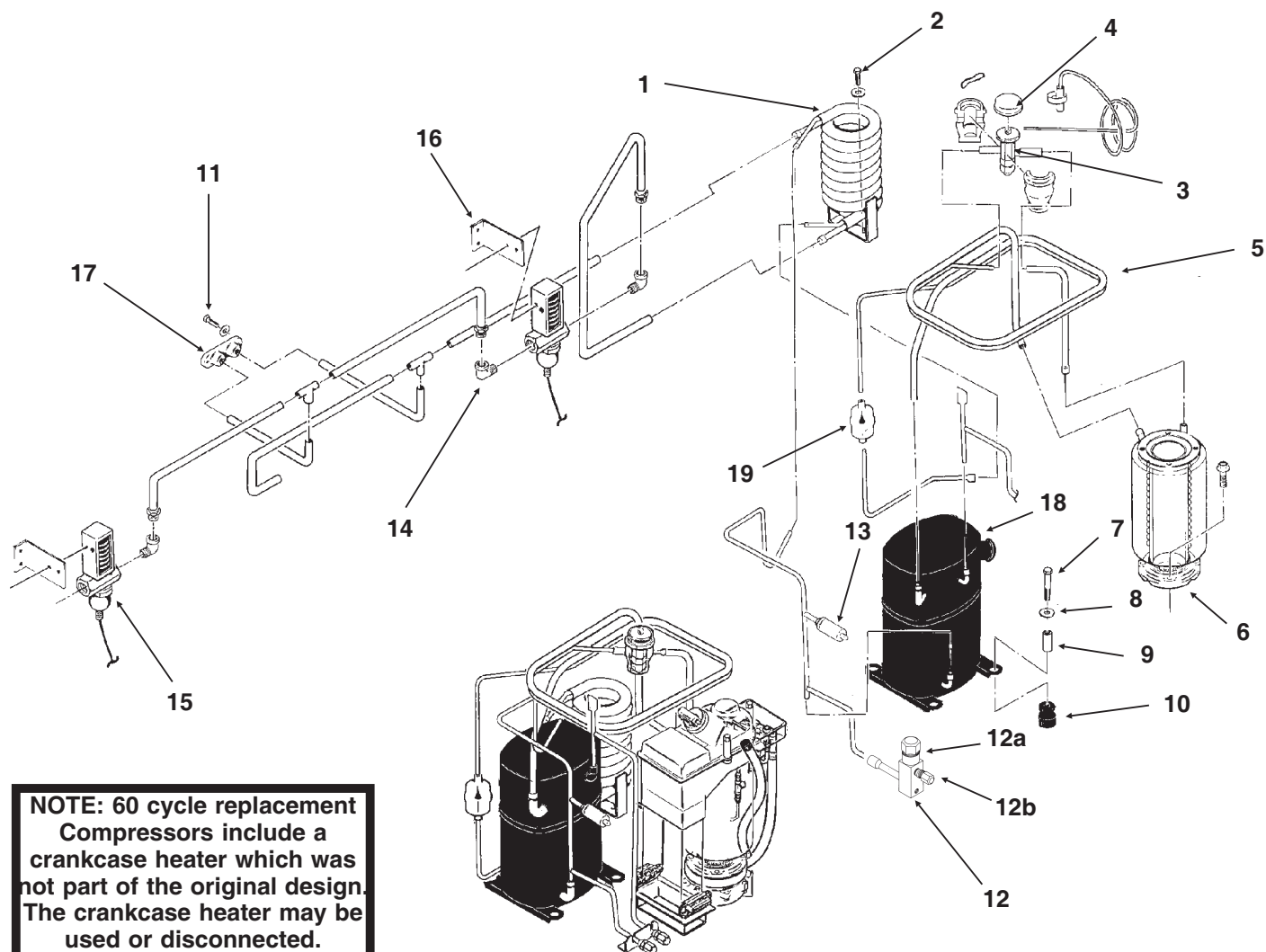
ITEM NUMBER	PART NUMBER	DESCRIPTION
1	18-3815-01	Fan Blade
2	12-1576-02	Fan Motor
3	A39047-001	Fan Bracket
4	03-1531-01	Screw
5	A32961-020	Insulation Kit (3 piece)
6	11-0477-20	Thermo Expansion Valve
7	A34050-001	Suction Line
8	A32890-020	Evaporator
9	16-0832-20	Access valve
9a	16-0832-02	Stem cap
9b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

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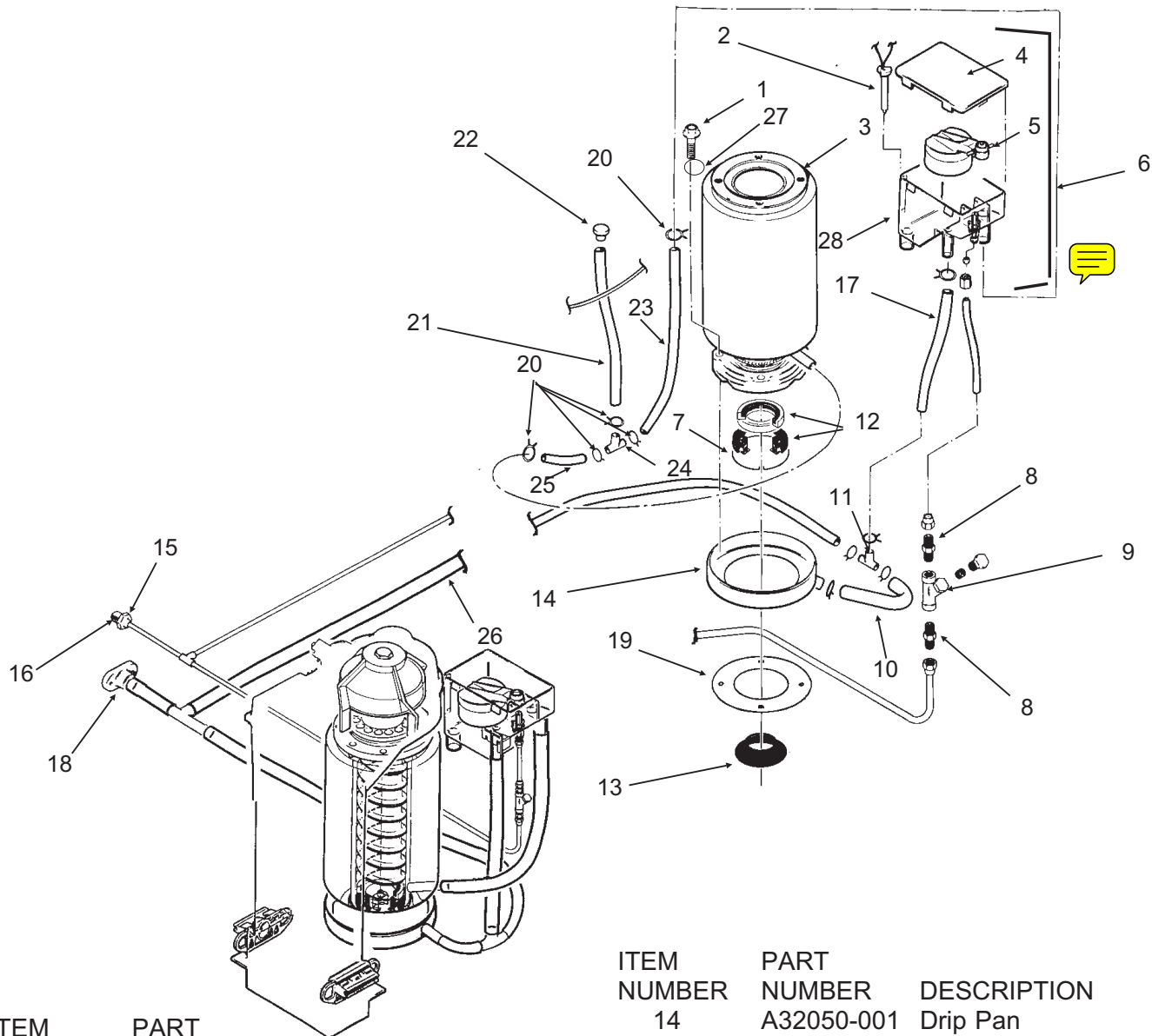
Water Cooled Refrigeration



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

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Water System

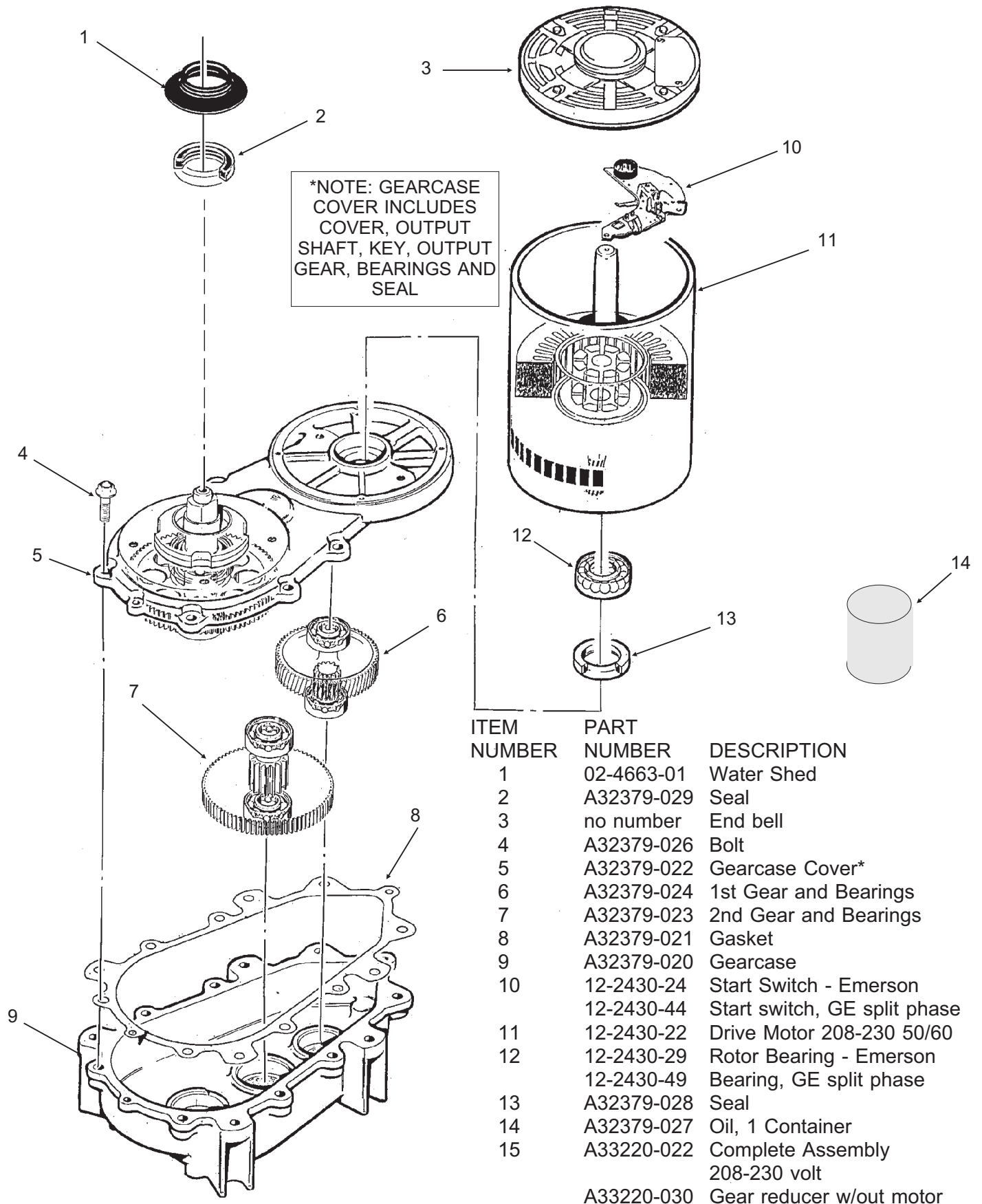


ITEM NUMBER	PART NUMBER	DESCRIPTION
1	03-1420-03	Cap Screw
2	A33101-022	Water Level Sensor
3	A32890-020	Evaporator
4	02-2936-01	Res. Cover
5	A32907-001	Float Assembly with pin housing seal, rubber seal, insert & float
	02-3190-01	Rubber seat
6	A32929-020	Reservoir Assy Complete
7	A32777-001	Retaining 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

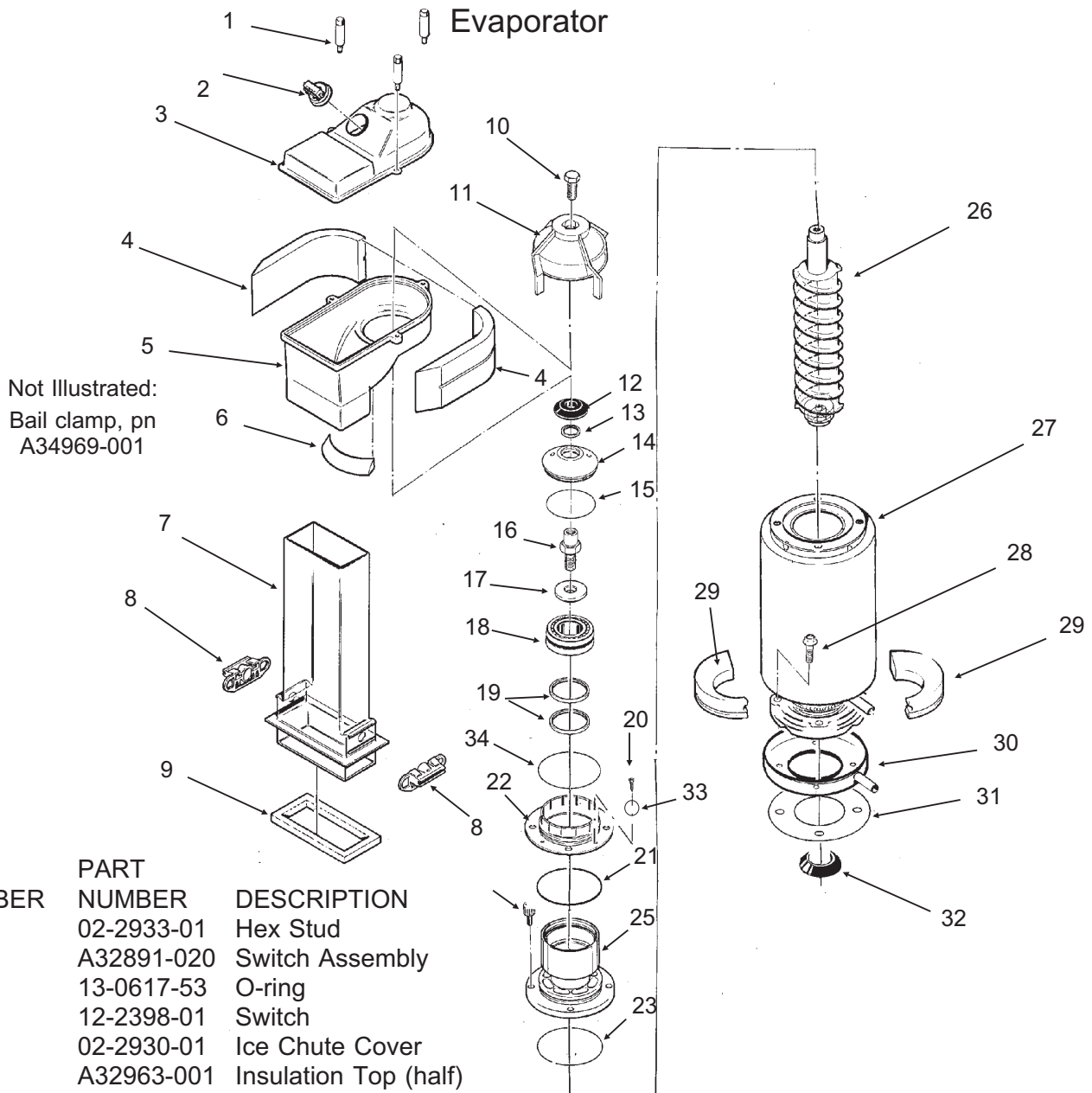
ITEM NUMBER	PART NUMBER	DESCRIPTION
14	A32050-001	Drip Pan
15	A27318-001	Water Inlet Fitting
16	03-1394-01	Pal Nut
17	13-0079-03	Res. Overflow, 8" req.
18	A32282-001	Drain Casting, air cooled
19	13-0704-00	Gasket
20	02-2814-08	Clamps
21	13-0674-06	Evap. Drain, 14" req.
22	13-0840-01	Plug
23	13-0674-06	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

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Gearmotor



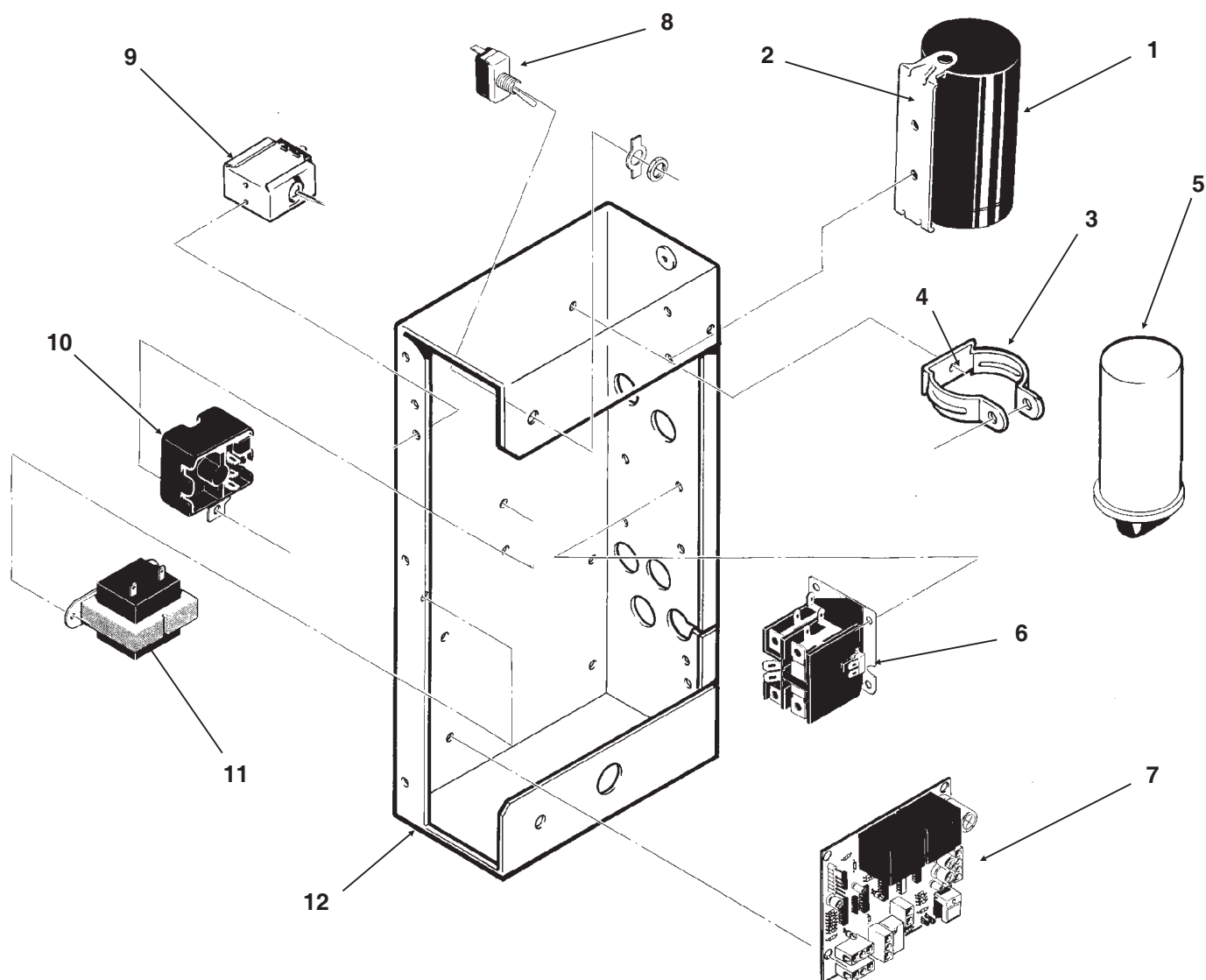
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ITEM NUMBER	PART NUMBER	DESCRIPTION			
1.	02-2933-01	Hex Stud			
2.	A32891-020	Switch Assembly			
	13-0617-53	O-ring			
	12-2398-01	Switch			
3.	02-2930-01	Ice Chute Cover			
4.	A32963-001	Insulation Top (half)			
5.	02-2926-01	Ice Chute Body			
6.	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

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Control Box

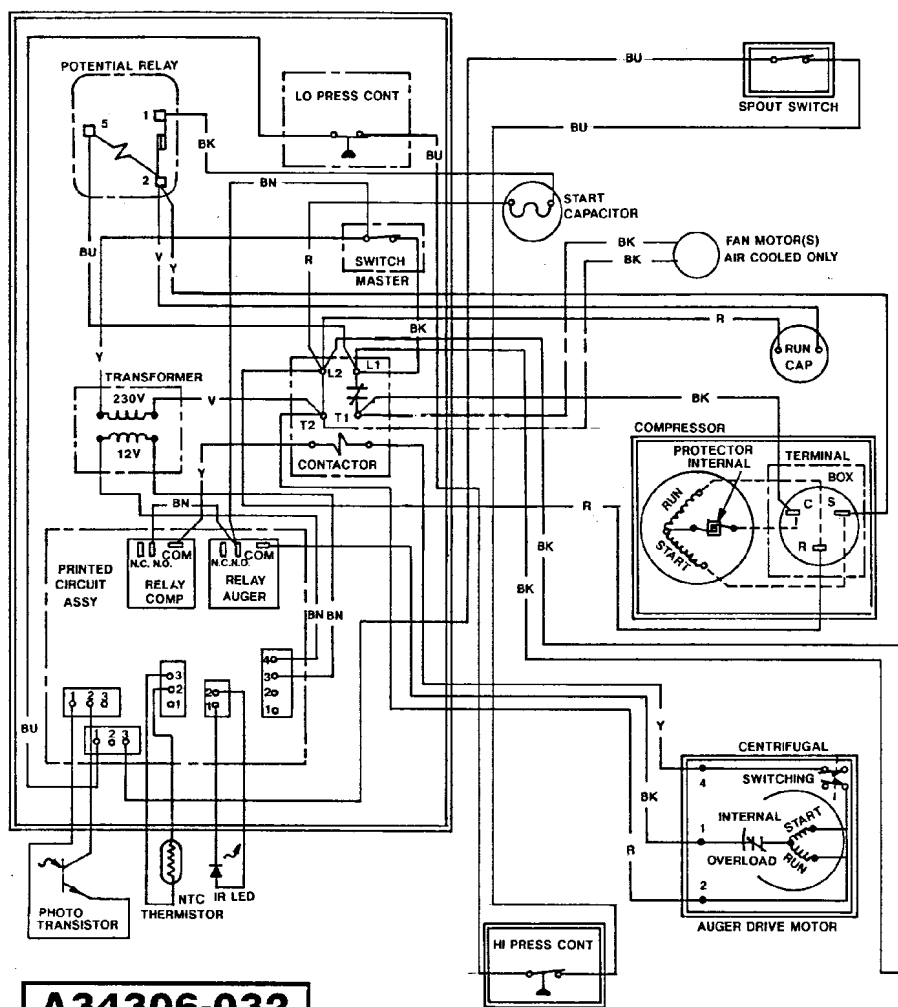


ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	18-1901-15	Start Capacitor, 60 HZ	7	A37750-022	Circuit Board
	18-1901-23	Start Capacitor, 50 HZ	8.	12-0426-01	Master Switch
	18-2200-38	Start Capacitor Cap.	9.	11-0447-20	Low Pressure Control
2.	18-2200-39	Start Capacitor Bracket	10	18-1903-33	Potential Relay 60 HZ
	03-1638-04	Screw		18-1903-46	Potential Relay, 50 HZ
	03-1417-15	Lockwasher	11.	12-2285-22	Transformer
3.	A32872-001	Run Cap Bracket	12	no number	Control Box
	03-1652-02	Bolt	NOT ILLUSTRATED		
	03-0255-04	Wing Nut	13.	12-2337-02	3 Pin Plug Assy (Safety Circuit to Circuit Board)
4.	03-1638-03	Screw	14.	12-2340-01	4 Pin Plug Assy (Transformer to Circuit Board)
5.	18-1902-53	Run Capacitor, all	15	A34055-001	Control Box Cover
6.	12-2469-02	Single Phase Contactor			
	12-0739-02	Three Phase Contactor			

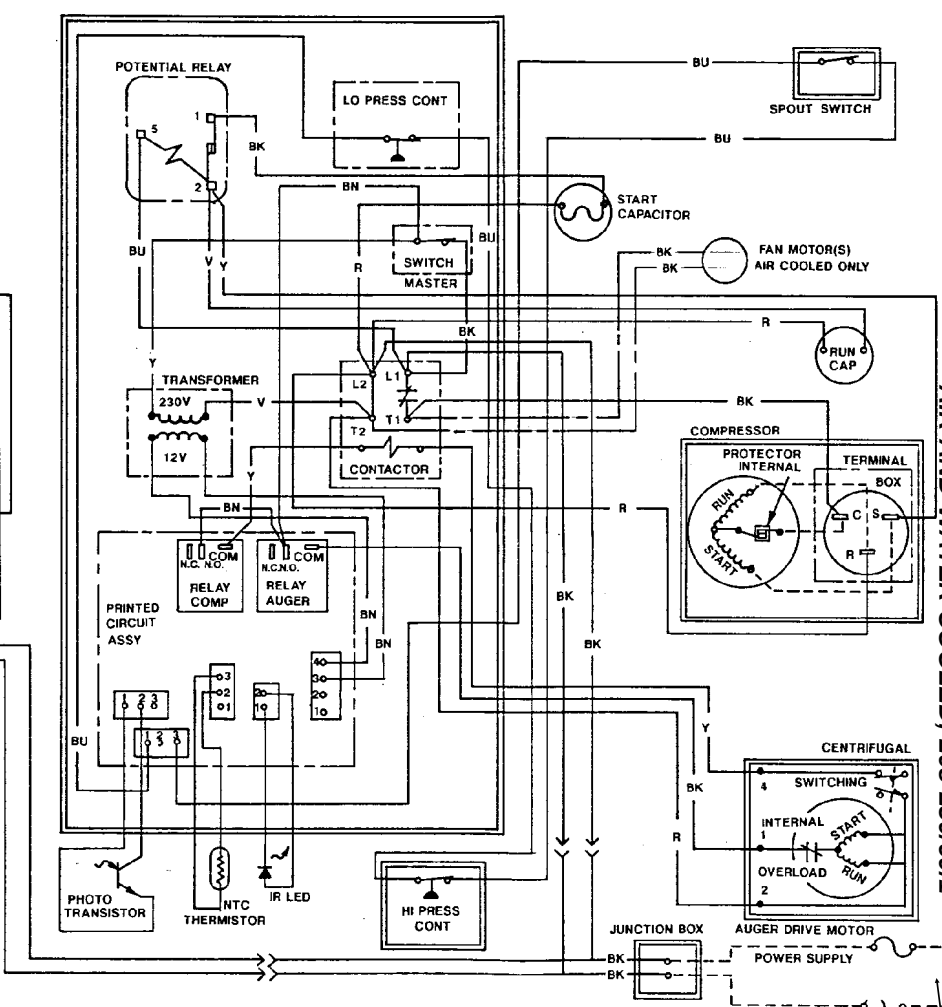
Note: HZ means cycles, 50 HZ is 50 cycle. The model number ends in -6 for 50 HZ models.

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



A34306-032

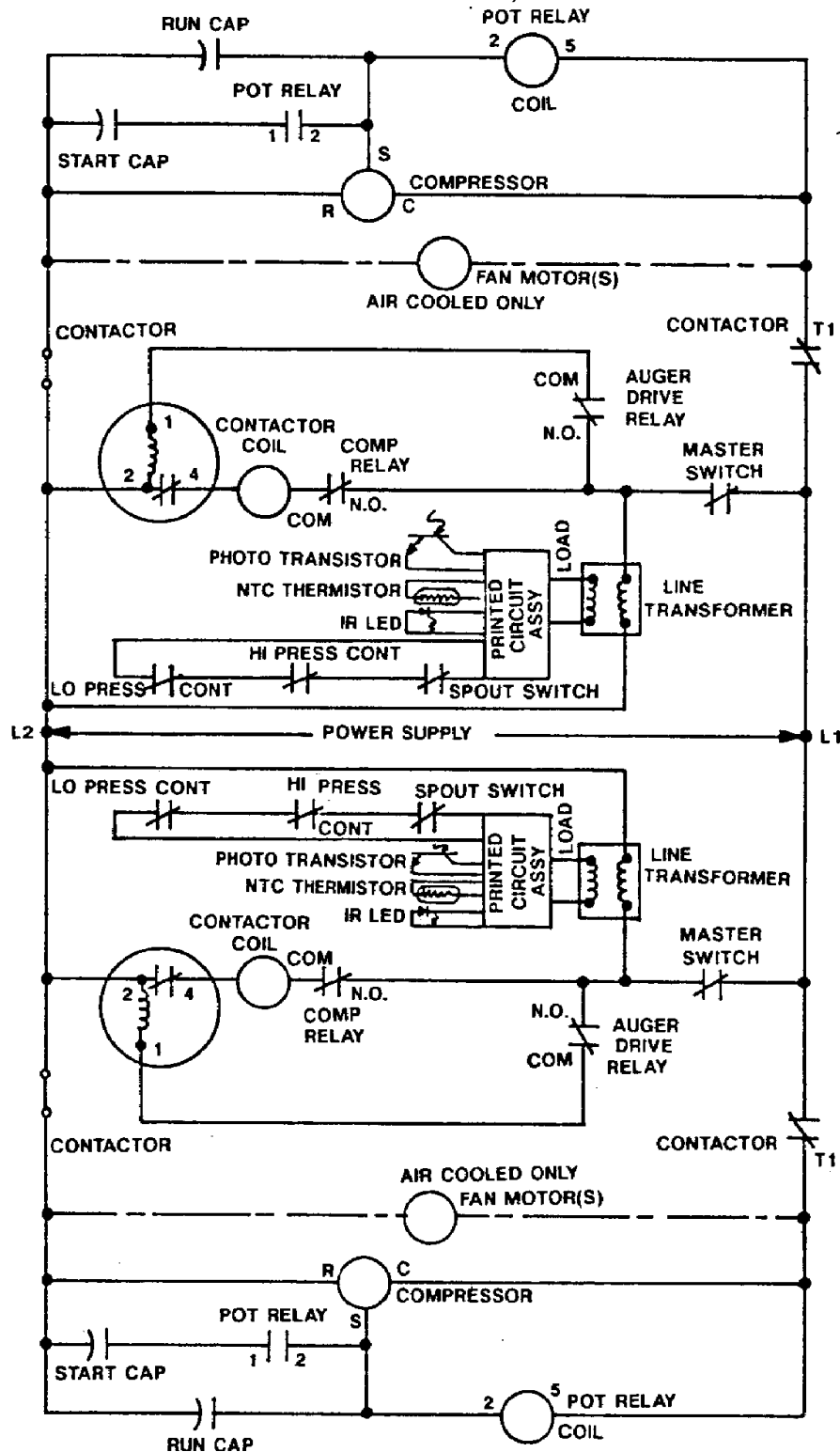


THIS UNIT MUST BE GROUNDED

POWER SUPPLY
SEE NAMEPLATE FOR
PROPER
REQUIREMENTS AND
MAX FUSE SIZE.
ALL POWER LEADS
MUST BE FUSED

FM2402 SERVICE PARTS

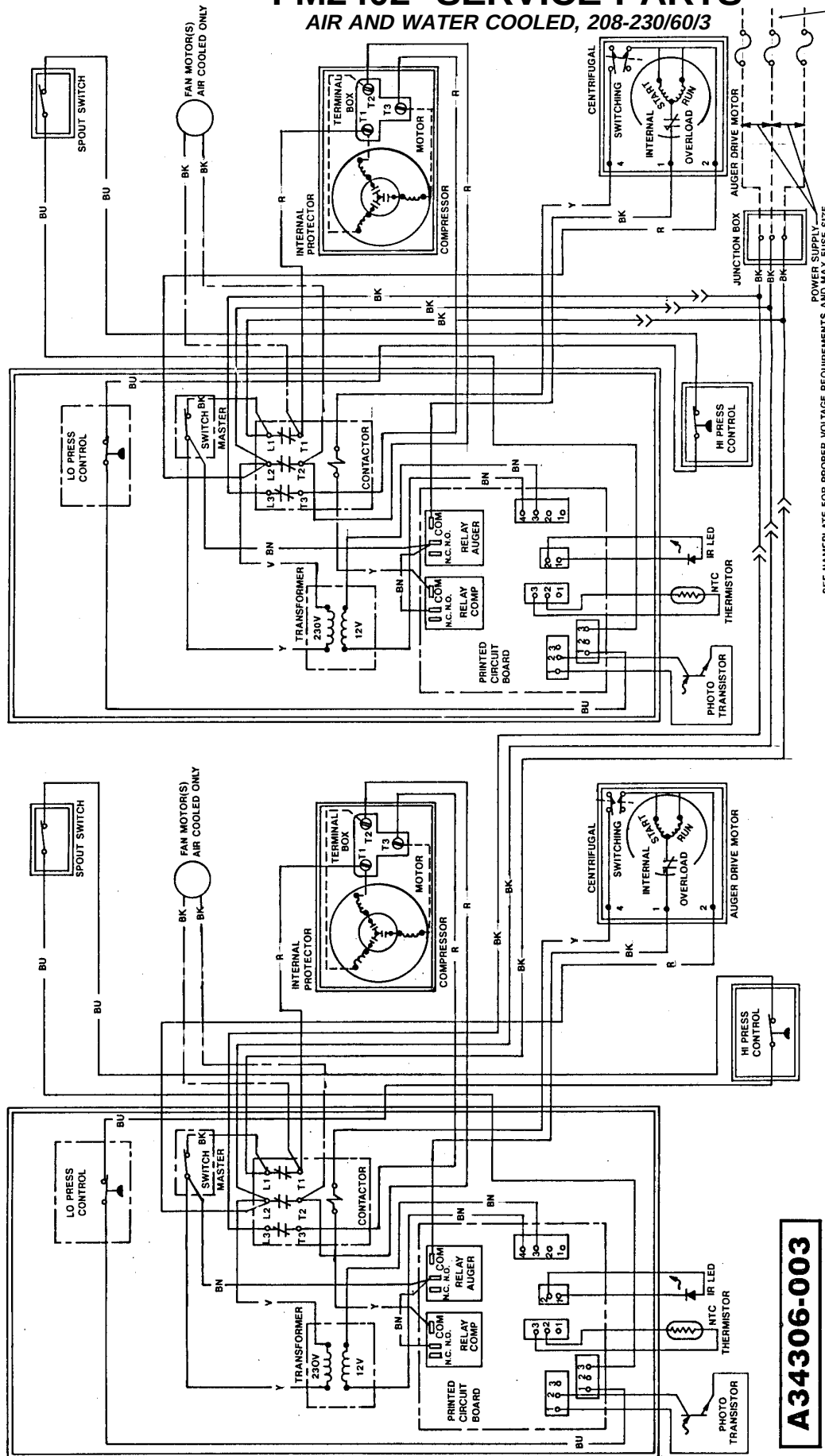
AIR AND WATER COOLED, 208-230/60/1



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



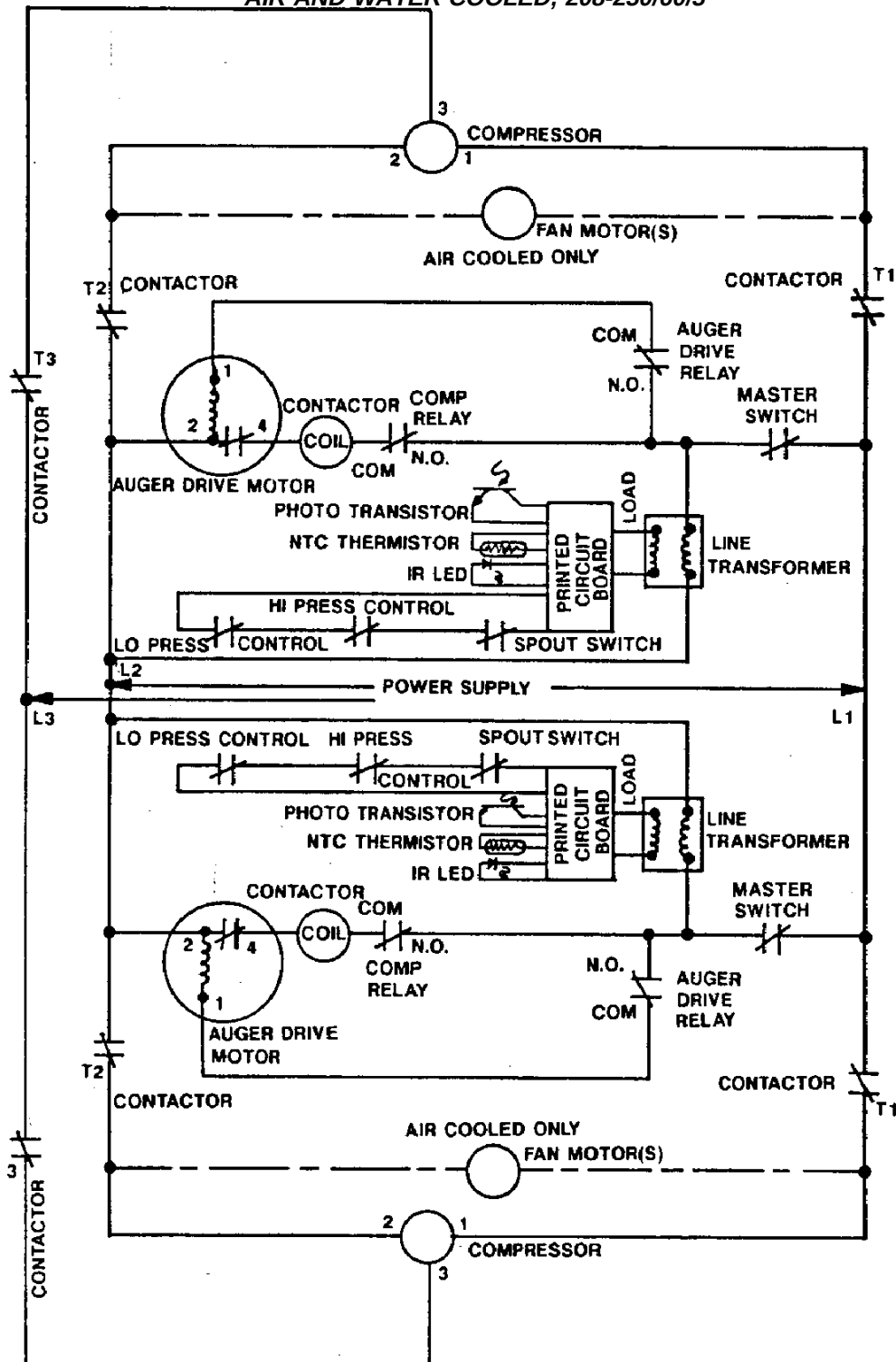
POWER SUPPLY
ALL POWER LEADS
MUST BE FUSED

SEE NAMEPLATE FOR PROPER VOLTAGE REQUIREMENTS AND MAX FUSE SIZE

A34306-003

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