HID207 Service Parts

This is the illustrated parts list for Scotsman ice maker-dispenser model HID207

They are manufactured in 2 voltages, touch-free infra-red sensor activated dispensing or button activated dispensing. Please confirm the complete model number before ordering a part.

Complete models are:
HID207AX-1A, air cooled 115 volt, touch free
HID207ABX-1A, air cooled 115 volt, button

Contents

Cabinet - Touch Free Dispensing 2

Front Panel Components 3

Refrigeration - R-290 4

Base Fitting Components 5

Dispensing Components 6

Ice Making and Gear Reducer 7

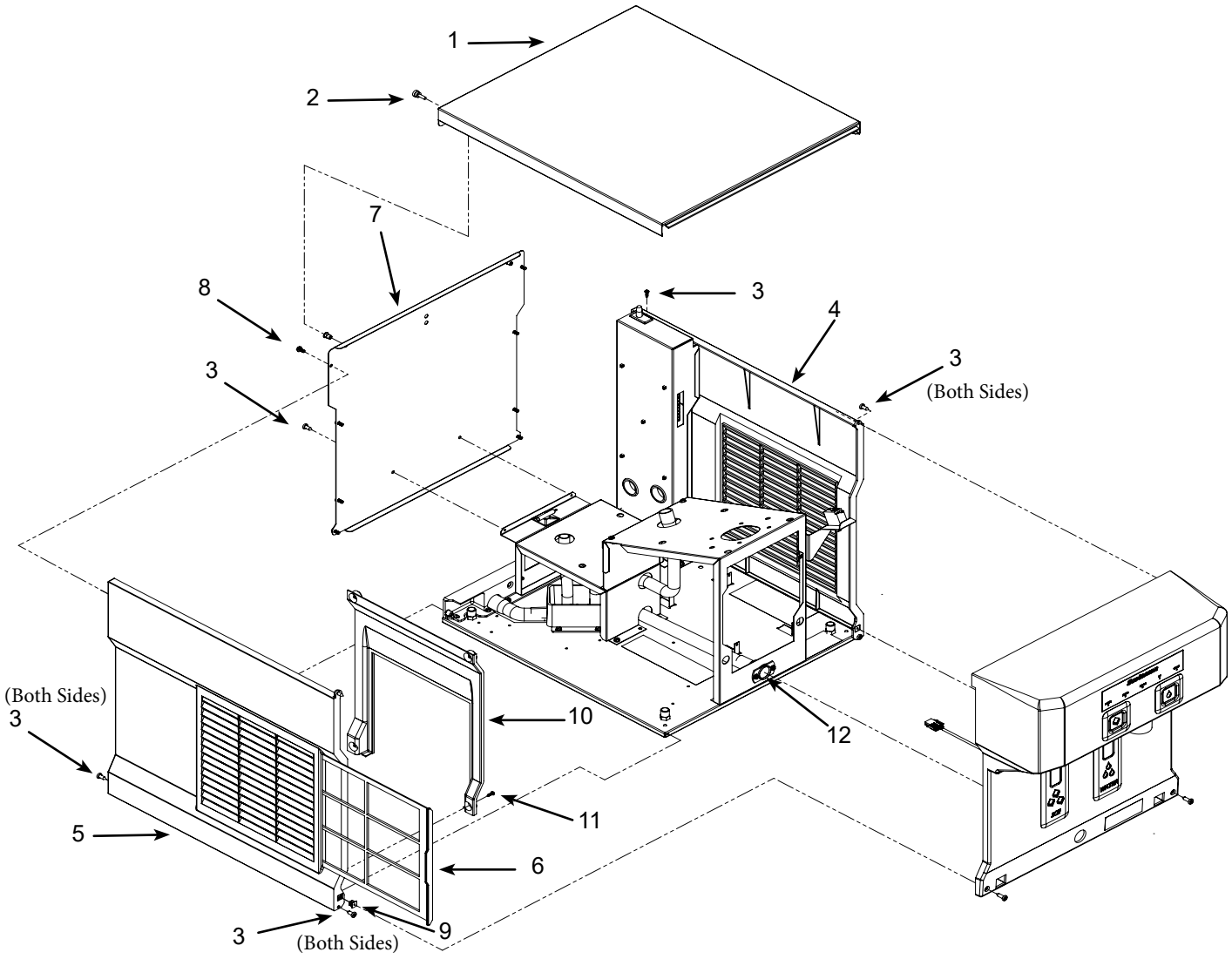
Front Control Board and Main Control Board 8

Wiring Diagram 9

Schematic Diagram 10

HID207 Service Parts

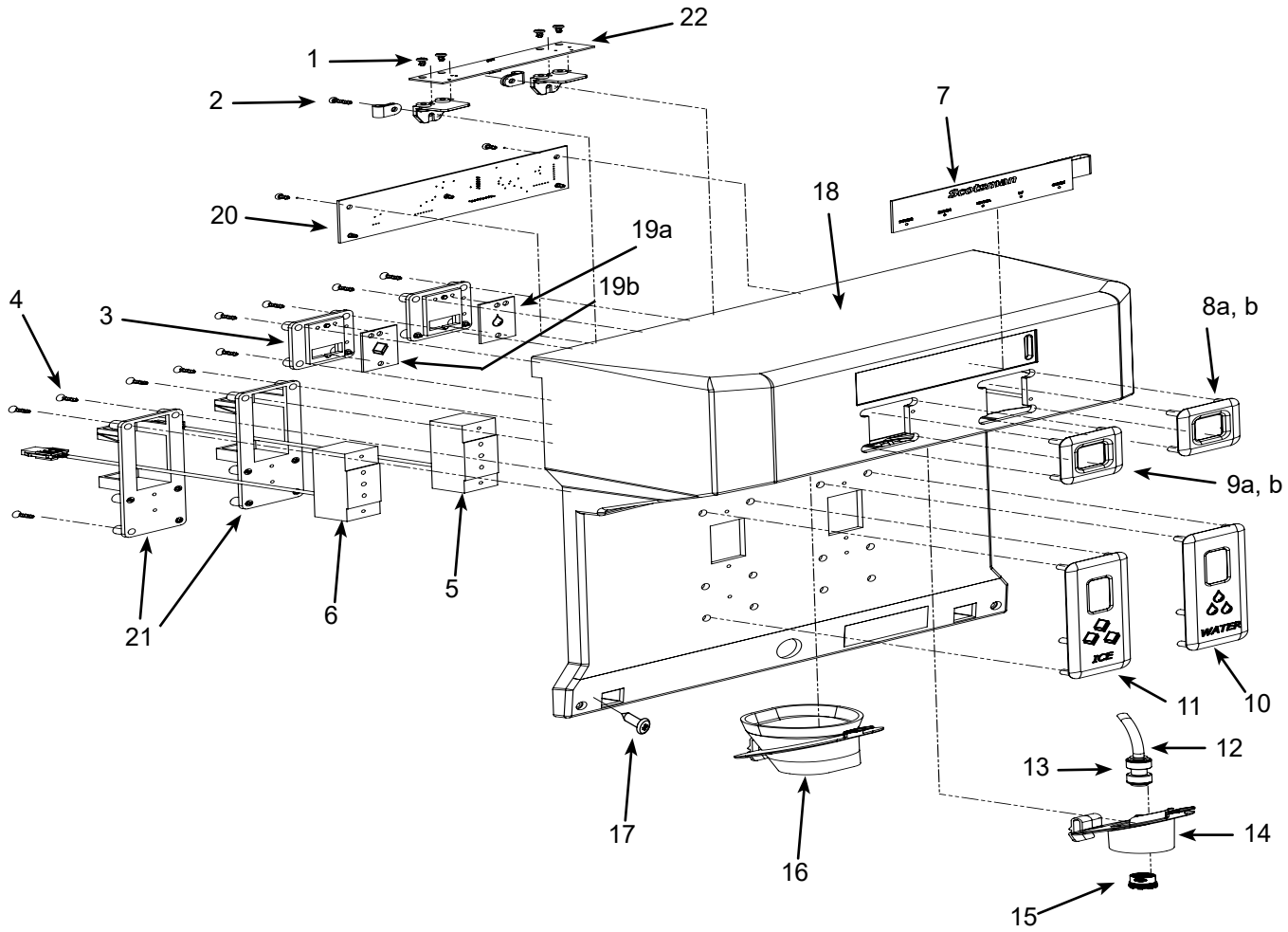
Cabinet - Touch Free Dispensing



Item Number	Part Number	Description
1	A41407-001	Panel Top
2	03-0727-05	Thumb Screw
3	03-1404-10	Screw #8 x .50 SS
4	02-5227-02	Side Panel, Right
5	02-5227-01	Side Panel, Left
6	02-5229-01	Air Filter
7	A41408-001	Panel Back
8	03-3943-01	Screw #8 x 3/8 Hex/Phillips SS
9	03-3804-01	Receptacle Nylon
10	02-5228-01	Baffle, Condenser Air
11	03-3836-02	Screw #8 x 3/8 HI-LO SS
12	13-0617-62	Drip Pan O-Ring

HID207 Service Parts

Front Panel Components



Item Number	Part Number	Description
1	03-3836-01	Screw #8 x 1/4 SS
2	03-3836-03	Screw #8 x 1/2 SS
3	02-5199-01	Button Holder
4	03-3870-01	Screw FH SS
5	11-0614-02	IR Sensor Water
6	11-0614-01	IR Sensor Ice
7	11-0652-01	Membrane Front
8a	02-5198-01	Button Front, Water
8b	02-5198-03	Button Front, Cover
9a	02-5198-02	Button Front, Ice
9b	02-5198-03	Button Front, Cover
10	02-4825-14	IR Sensor Front Water, Black
	02-5201-01	IR Cover
11	02-4825-13	IR Sensor Front Ice, Black
	02-5201-01	IR Cover
12	13-0895-01	Poly Tubing 1/4 OD
13	16-1245-01	Union 1/4 Push to Connect
14	02-5197-01	Chute Water
15	16-1246-21	Aerator
16	02-5196-01	Chute, Ice
17	03-1404-12	Screw #8 x .75 SS
18	02-5192-01	Machine Front
19a	11-0652-02	Ice Button Membrane
19b	11-0652-03	Water Button Membrane
20	11-0654-21	Front Panel Control Board (See page 8 for details)
21	02-4825-03	IR Sensor Holder
22	11-0653-21	Dispense Lights Board

Items Not shown

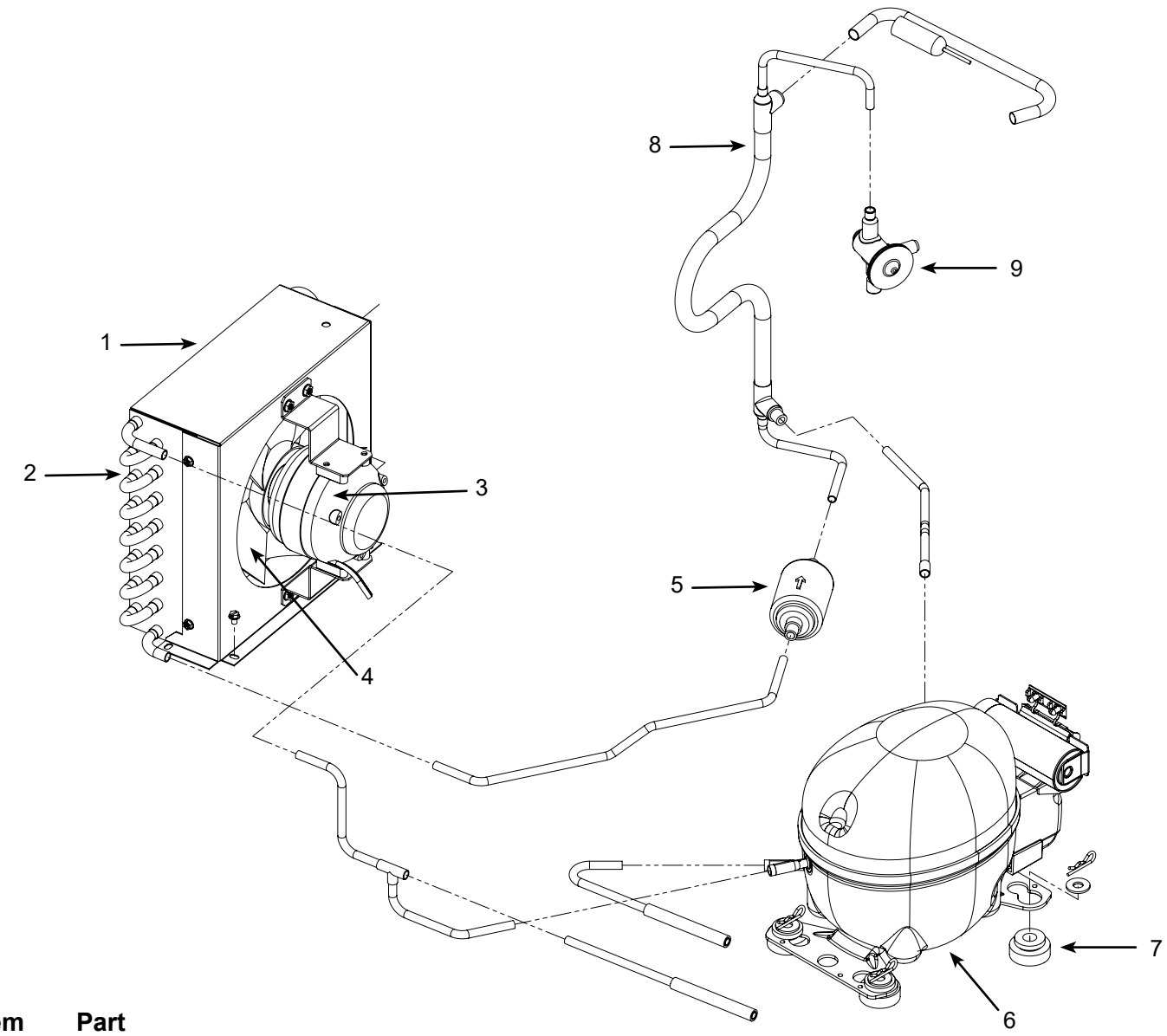
23	02-5198-03	Front Button Cover
24	02-5201-01	IR Cover

To convert from button function to IR order parts: twelve of part 4, 5, 6, 10,11, 21 x2, 23 x2

To convert from IR to button function order parts: two of 3, eight of part 4, 8a, 8b, 9a, 9b, 19a, 19b, 21 x2, 24 x2

HID207 Service Parts

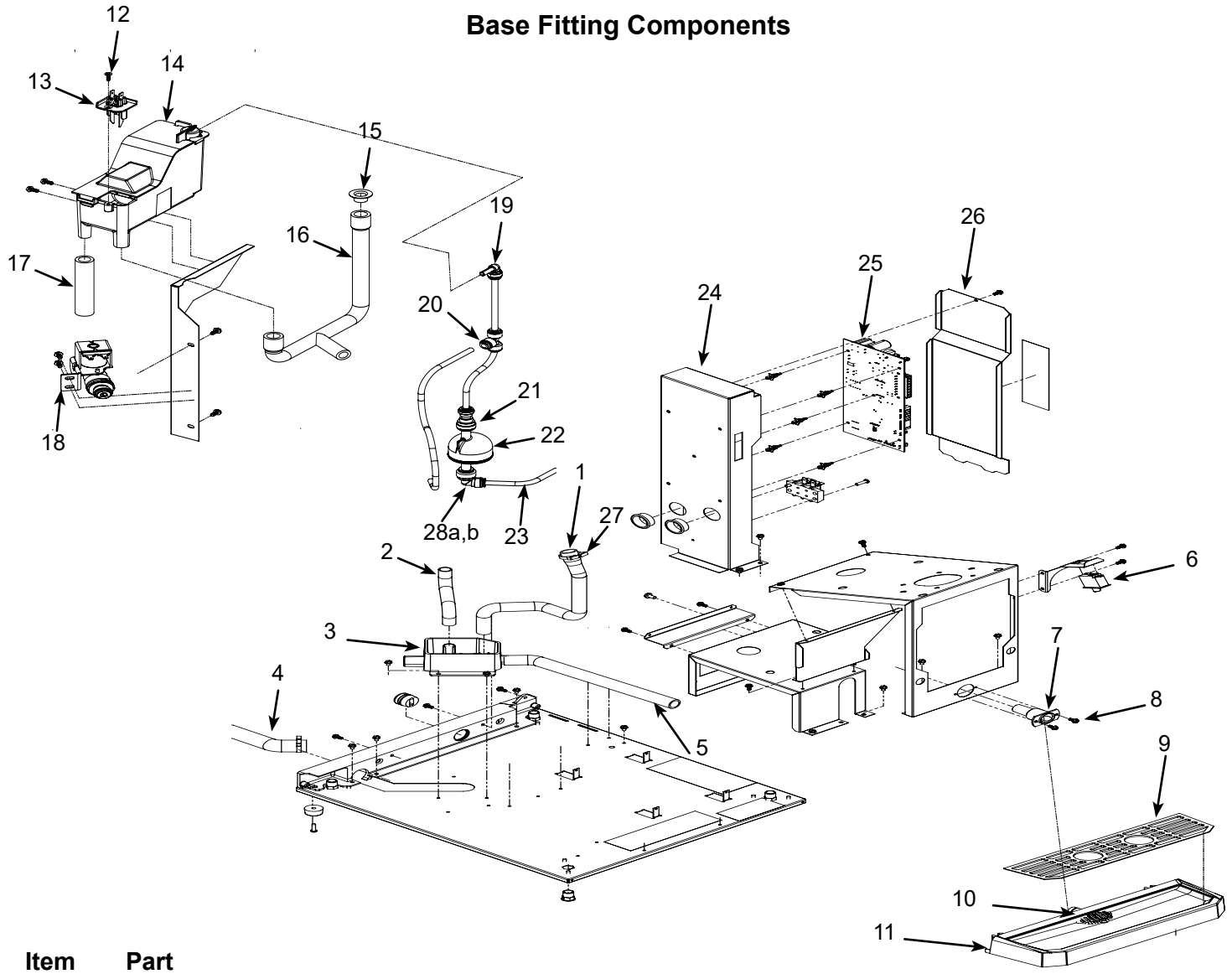
Refrigeration - R-290



Item Number	Part Number	Description
1	A39460-001	Fan Shroud
2	18-8940-02	Condenser
3	12-2989-01	Fan Motor 6W
4	02-4197-01	Fan Blade
5	02-3319-01	Filter Drier
6	18-9002-21	Compressor EMX4121U
7	18-8964-01	Grommet, Compressor
8	A41416-001	Heat Exchange
9	16-1249-21	TXV, TUA

HID207 Service Parts

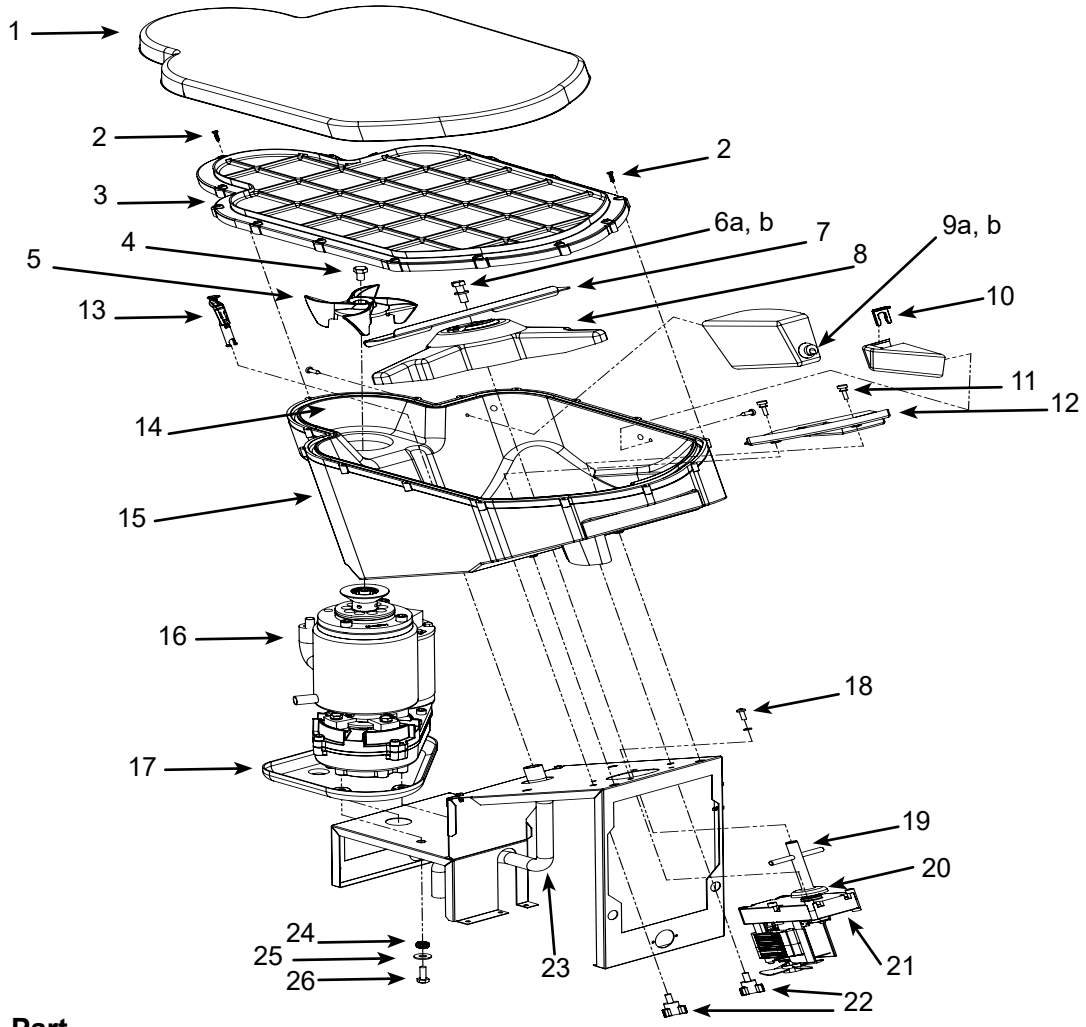
Base Fitting Components



Item Number	Part Number	Description
1	02-5221-01	Tube Leroy Bin Drain
2	02-5220-01	Tube Leroy Gearbox Drain Pan
3	02-5207-01	Manifold Drain Water
4	02-5219-01	Tube Leroy Manifold Drain Exit
5	02-5217-01	Tube Leroy Sink Drain
6	12-2501-01	Switch SPTD
7	02-5194-01	Fitting, Drip Pan Drain
8	03-3943-01	Screw #8 x 3/8 Phillips SS
9	02-5248-01	Grill Drip Pan
10	02-5231-01	Screen Sink
11	02-5193-01	Drip Pan
12	03-3870-01	Screw #8 x .50' SS
13	A40666-001	Water Sensor
14	A40664-001	Water Reservoir
14a	02-2217-02	Float Valve, part of 14
15	13-0973-01	Cap Plug
16	02-5218-01	Tube Leroy Evap IN
17	13-0674-09	Tube Tygon 1/2 ID
18	12-3088-03	Valve Water Inlet 115V
19	16-1250-01	1/4 X 1/14 Elbow Stem Connect
20	16-1040-01	Tee 1/4 Push Connect
21	16-1263-01	Reducer 1/4x3/8 Push Connect
22	12-3193-01	UV With Harness
23	13-0895-01	Poly Tubing 1/4 OD
24	A41403-001	Control Box
25	11-0646-51	Control Board
26	A41404-001	Control Box Cover
27	02-2814-09	Clamp to Bin Drain
28a	16-1262-01	Elbow 1-4 X 3-8 Push Connect
28b	16-1216-01	Collet Locking Clip

HID207 Service Parts

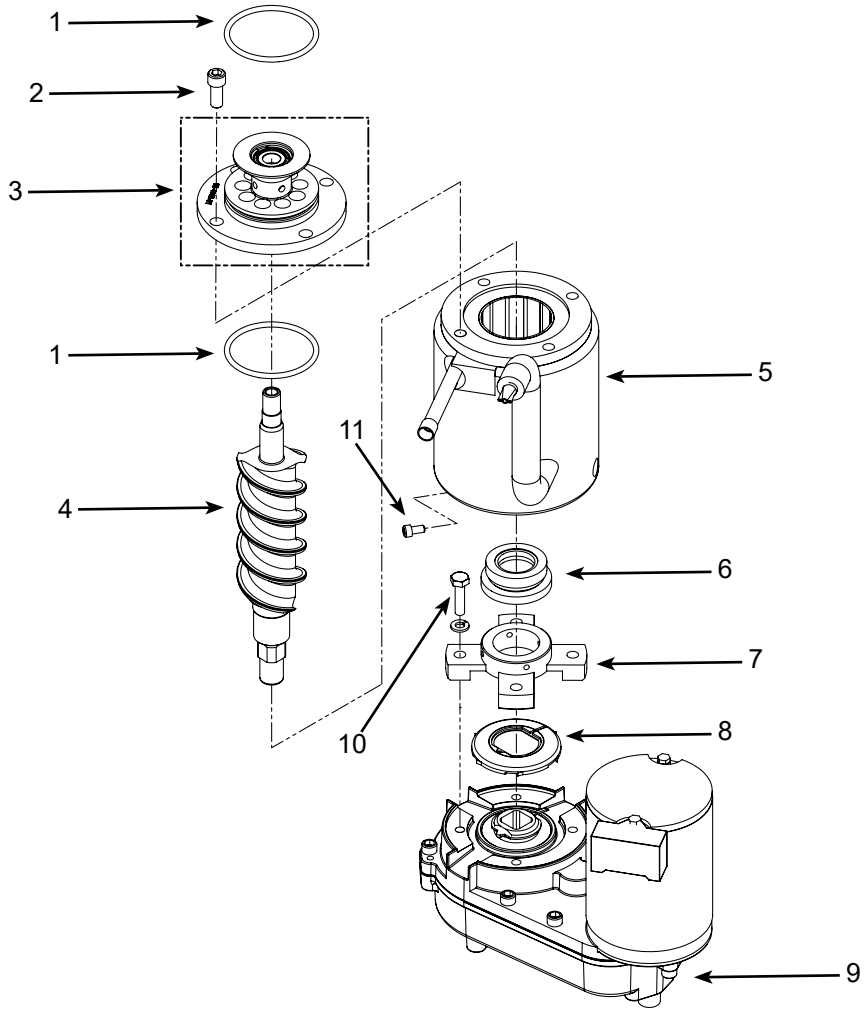
Dispensing Components



Item Number	Part Number	Description
1	02-5214-01	Insulation Bin Cover
2	03-3836-03	Screw #8 x1/2 SS
3	02-5191-01	Cover Bin Co-Injected
4	03-1405-16	Screw 5/16-18 x 1/2 SS
5	02-5212-01	Ice Sweep
6a	03-1410-09	Lock Washer, 5/16 ID
6b	03-1405-55	Screw 5/16-24 X .75 SS
7	A41406-001	Agitator
8	02-5232-01	Wheel Dispense
9a	02-4381-03	Retainer Eye
9b	12-3094-01	Bin Sensor (not pictured)
10	13-0964-01	Grommet Bin Full Sensor
11	03-0727-05	Thumb Screw
12	02-4773-01	Cover, Ice Hole
13	02-5204-01	Screen Bin Drain
14	02-5190-01	Bin
15	02-5213-01	Bin Insulation
16	A41410-001	Gearbox Freezer Assy. See pg 7
17	02-5211-01	Gearbox Drainpan
18	03-1403-29	Screw 10-24 x 1/2 SS
19	02-4774-01	Drive Pin
20	02-4775-01	Water Shed
21	12-3084-01	Gearbox Dispense Motor
22	03-1675-02	Thumbscrew Three Prong
23	02-5221-01	Tube Leroy Bin Drain
24	03-3937-01	Grommet Gearbox
25	03-1407-06	Washer
26	03-1405-07	Bolt 14-20 x 3/4

HID207 Service Parts

Ice Making and Gear Reducer

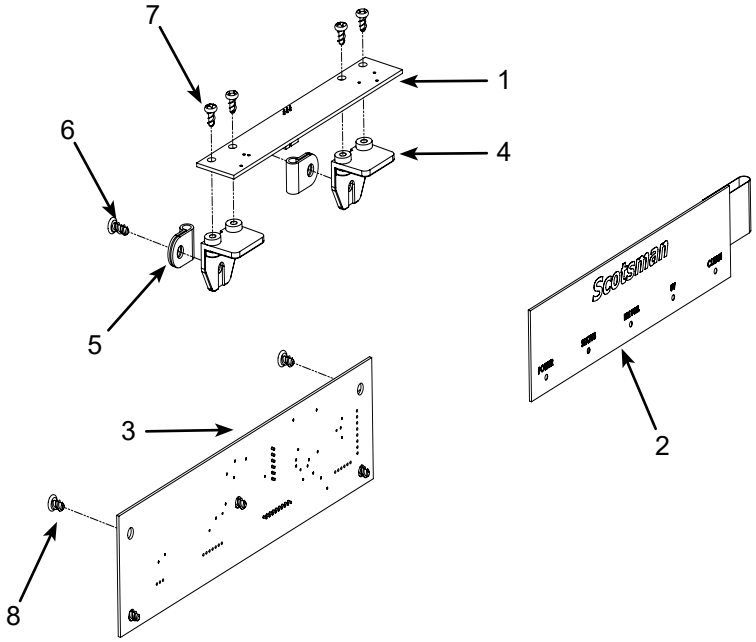


Item Number	Part Number	Description
1	13-0617-58	O-Ring
2	03-1544-14	Cap Screw 5/16-18 X 3/4
3	A40385-001	Breaker kit, nugget
3a	02-4846-01	Bearing
3b	03-3957-01	Retaining Ring
4	02-4861-01	Auger
5	02-5224-01	Evaporator
6	02-4599-21	Water seal
7	02-4625-01	Adapter
8	02-4662-01	Water shed
9	02-4580-23	Gear reducer
10	03-1544-04	Socket HD Cap Screw #10-24 X 3/8
11	03-1405-54	Hex HD Cap Screw 1/4-20 X 1”

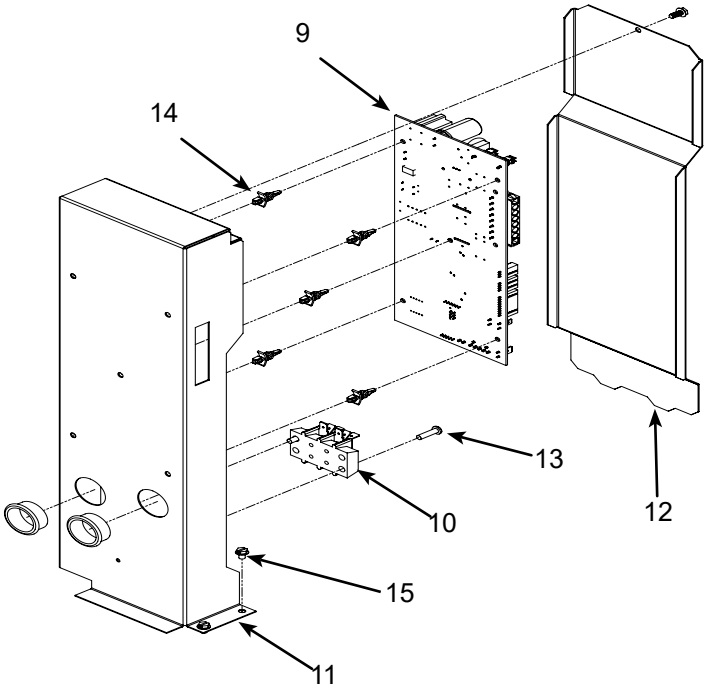
HID207 Service Parts

Front Control Board and Main Control Board

Front Panel Control, Dispense Lights & Membrane



Control Box



Item Number	Part Number	Description
1	11-0653-21	Dispense Lights Board
2	11-0652-01	Membrane Front
3	11-0654-21	Front Panel Control Board
4	02-5202-01	Front Panel LED Lens
5	03-3841-03	3/16 Nylon Clamp Loop
6	03-3836-03	Screw #8 x 1/2 SS
7	03-3836-01	Screw #8 x 1/4 SS
8	03-3836-01	Screw #8 X 1/4

Not Listed

	12-3186-02	Front Panel to Main Controller Harness
	12-3188-01	Front Lights Harness
	12-3189-01	IR Water Adapter Harness
	12-3189-02	IR Ice Adapter Harness

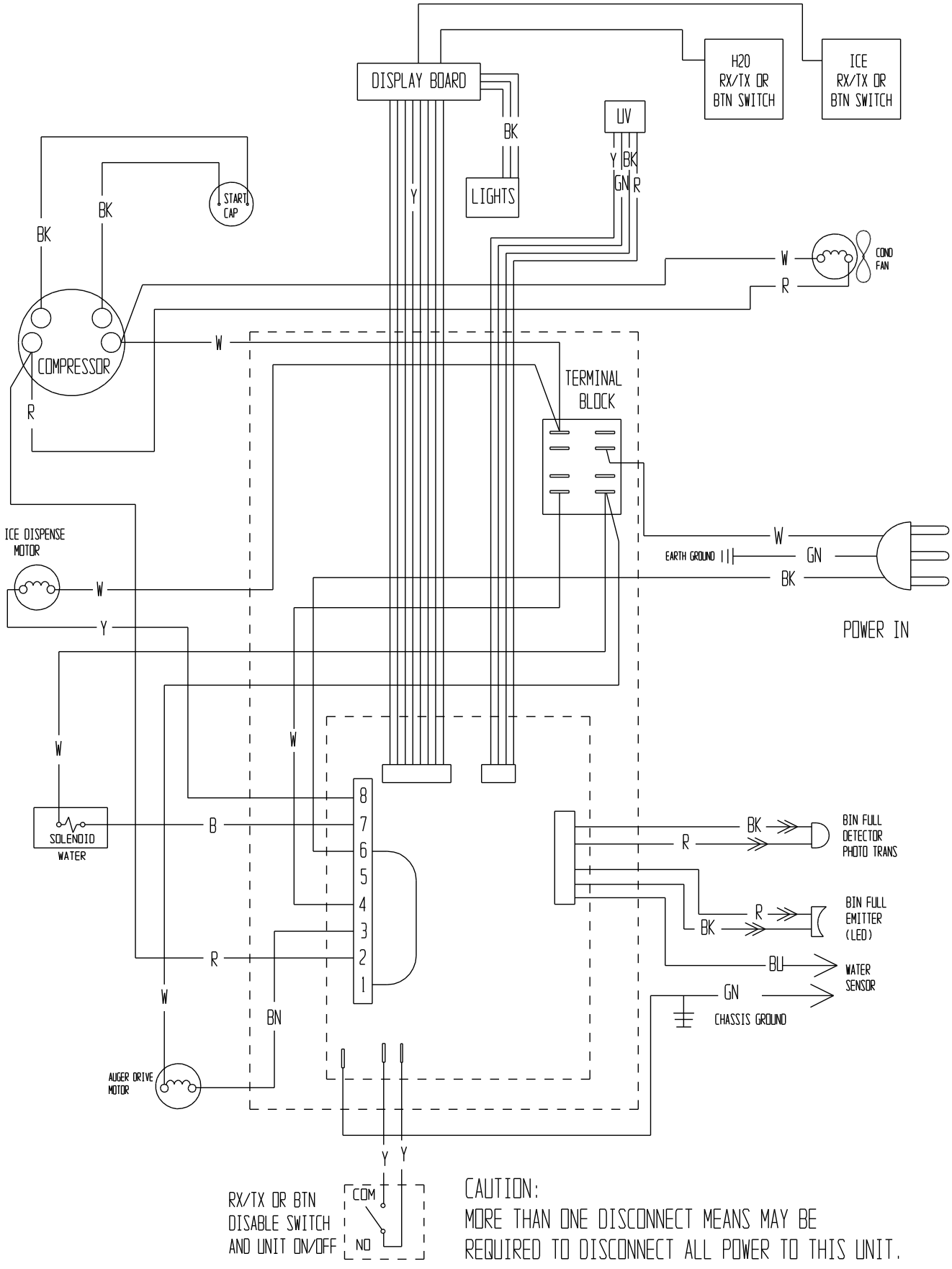
Item Number	Part Number	Description
9	11-0646-51	Control Board
10	12-2780-01	Terminal Block
11	A41403-001	Control Box
12	A41404-001	Control Box Cover
13	03-1531-08	Screw, Thread Forming #8 x 5/8
14	03-1727-02	Support Circuit Board LCBS
15	03-3963-01	Screw #8 X 1/4, HEX

Not Listed

	12-3205-01	Bin Full/Water Sensor Harness
	12-3186-01	Main Controller to Front Panel Harness Interface with Switch
	12-3187-01	High Voltage Harness
	12-3204-01	Jumper Terminal
	12-3193-01	UV PAQ Assembly

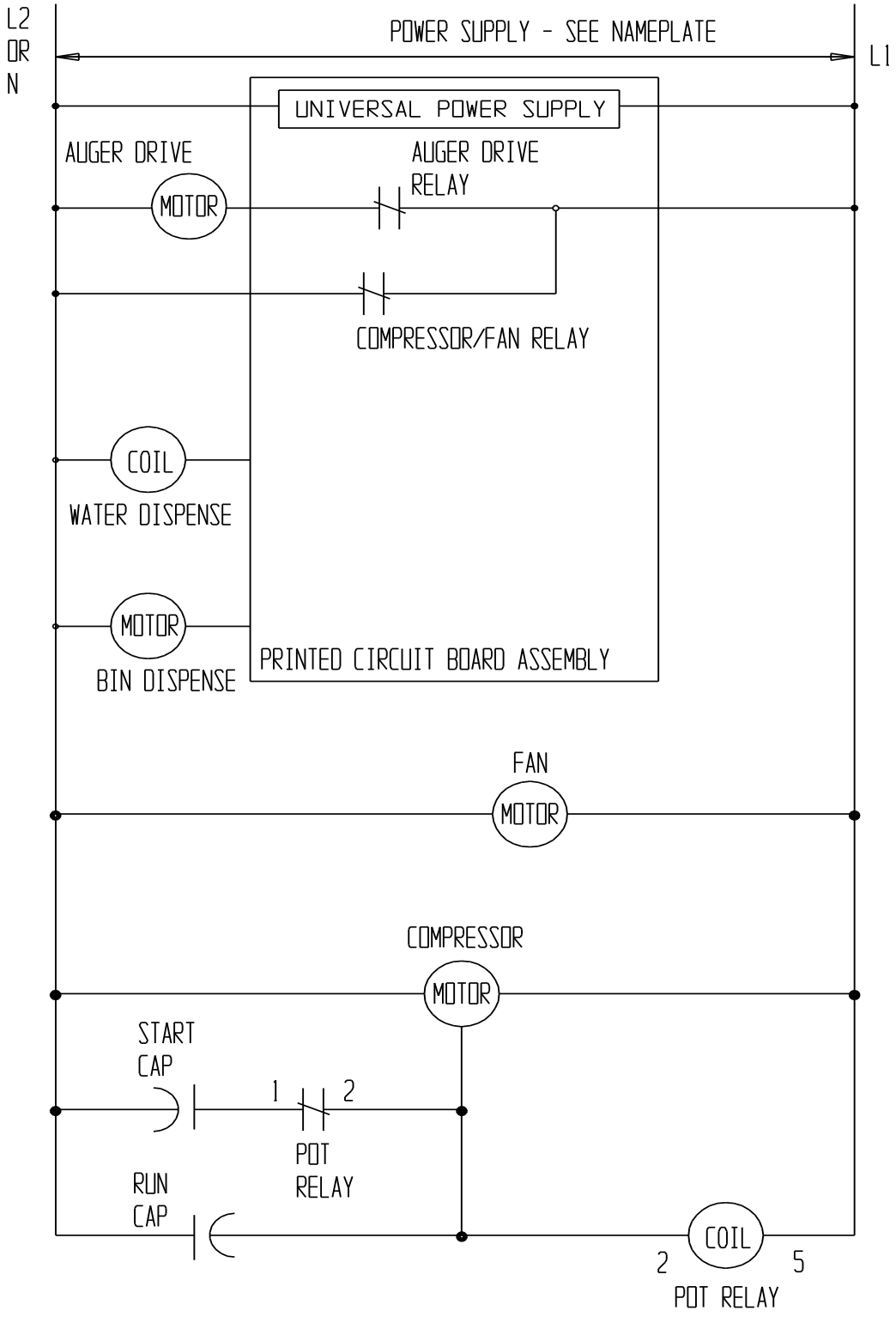
HID207 Service Parts

Wiring Diagram



HID207 Service Parts

Schematic Diagram



ALL CONTROLS SHOWN IN ICE MAKING MODE
WITH ALL DISPENSING SYSTEMS IN OPERATION