

Service Parts List for Models FS2330X, NS2030X, and NH2030X

Remote or Water Cooled

This is the service parts lists for the above
Scotsman ice machines.

There are two voltages, two condenser
types and three ice forms.

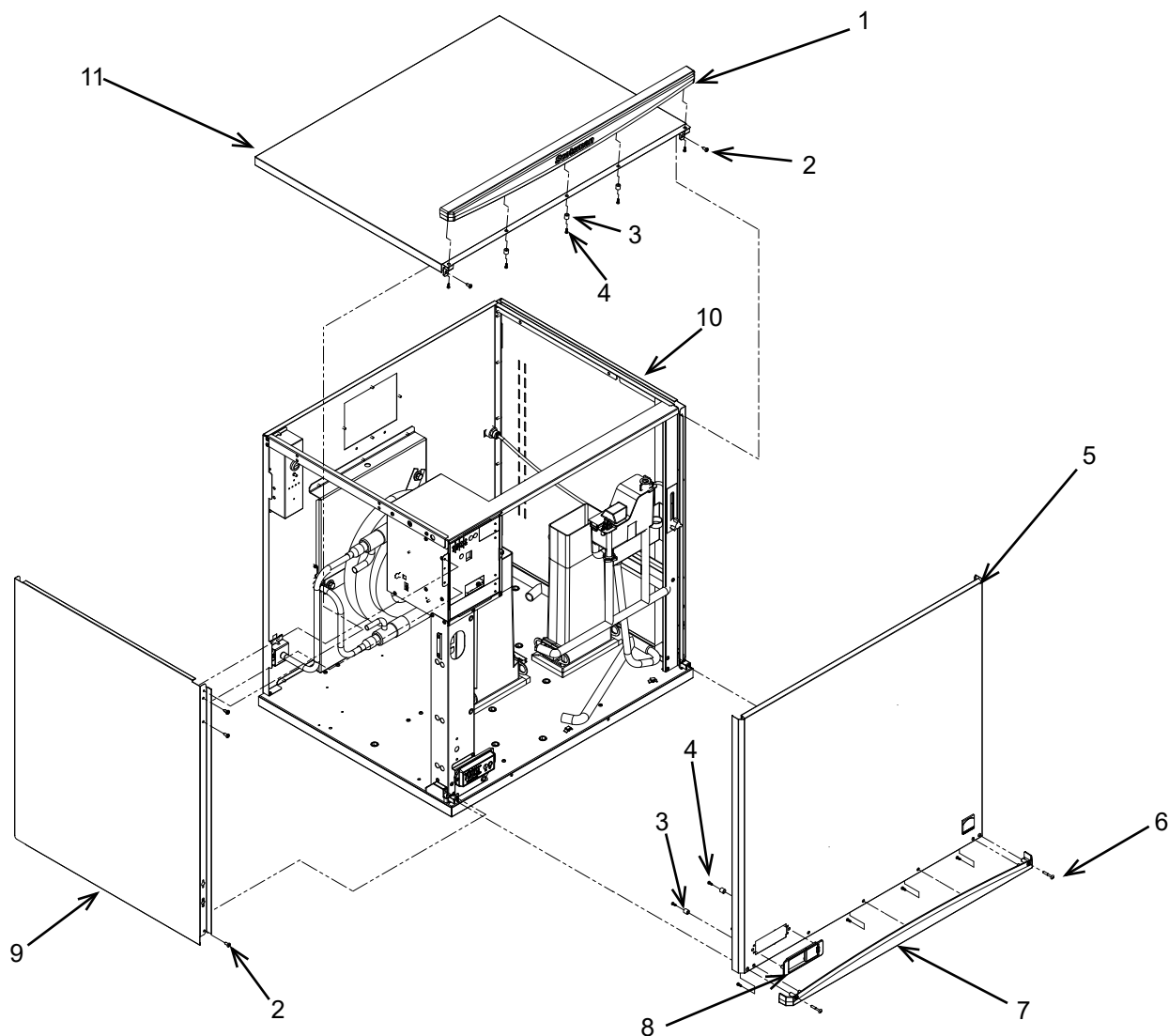
Be CERTAIN to order the correct part for
the model being worked on.

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Service Parts List for Models FS2330X, NS2030X, and NH2030X Remote or Water Cooled

Cabinet

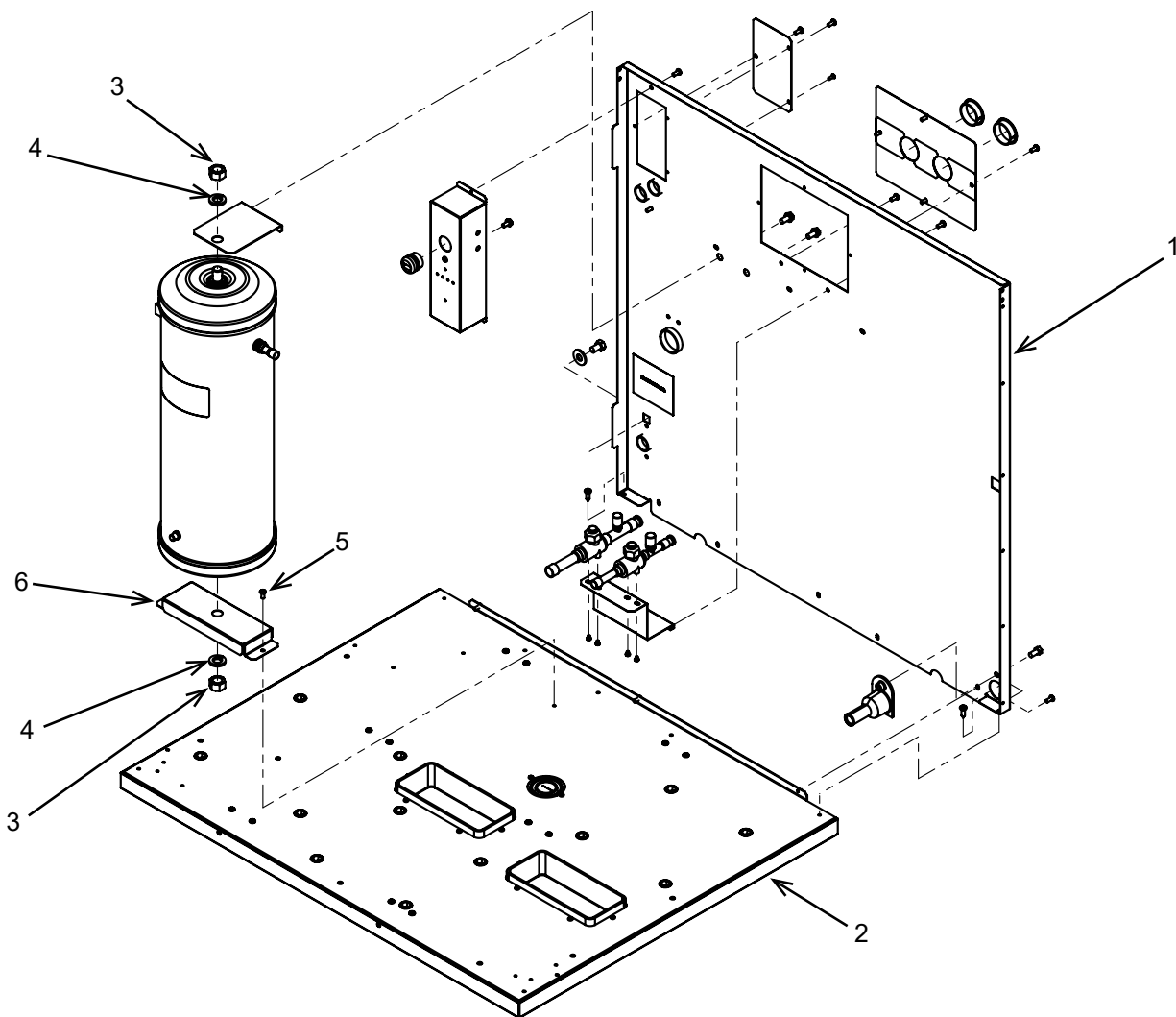


Item	Part Number	Description
1	02-4819-01	Trim strip, top
2	03-1404-10	Screw #8
3	02-4824-01	Spacer
4	03-3836-02	Screw, high low
5	A40308-024	Front panel
6	03-1735-03	Screw
7	02-4820-01	Trim strip, bottom
8	02-4821-02	Bezel
9	A40310-022	Left side panel
10	A40311-022	Right side panel
11	A40309-021	Top panel

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Base and Back



Item	Part Number	Description
1	A41105-001	Back panel
2	A41103-001S	Base assembly
3	03-1406-13	Hex nut
4	03-1410-06	Washer
5	03-1531-01	Screw
6	A40772-001	Receiver mount for remote

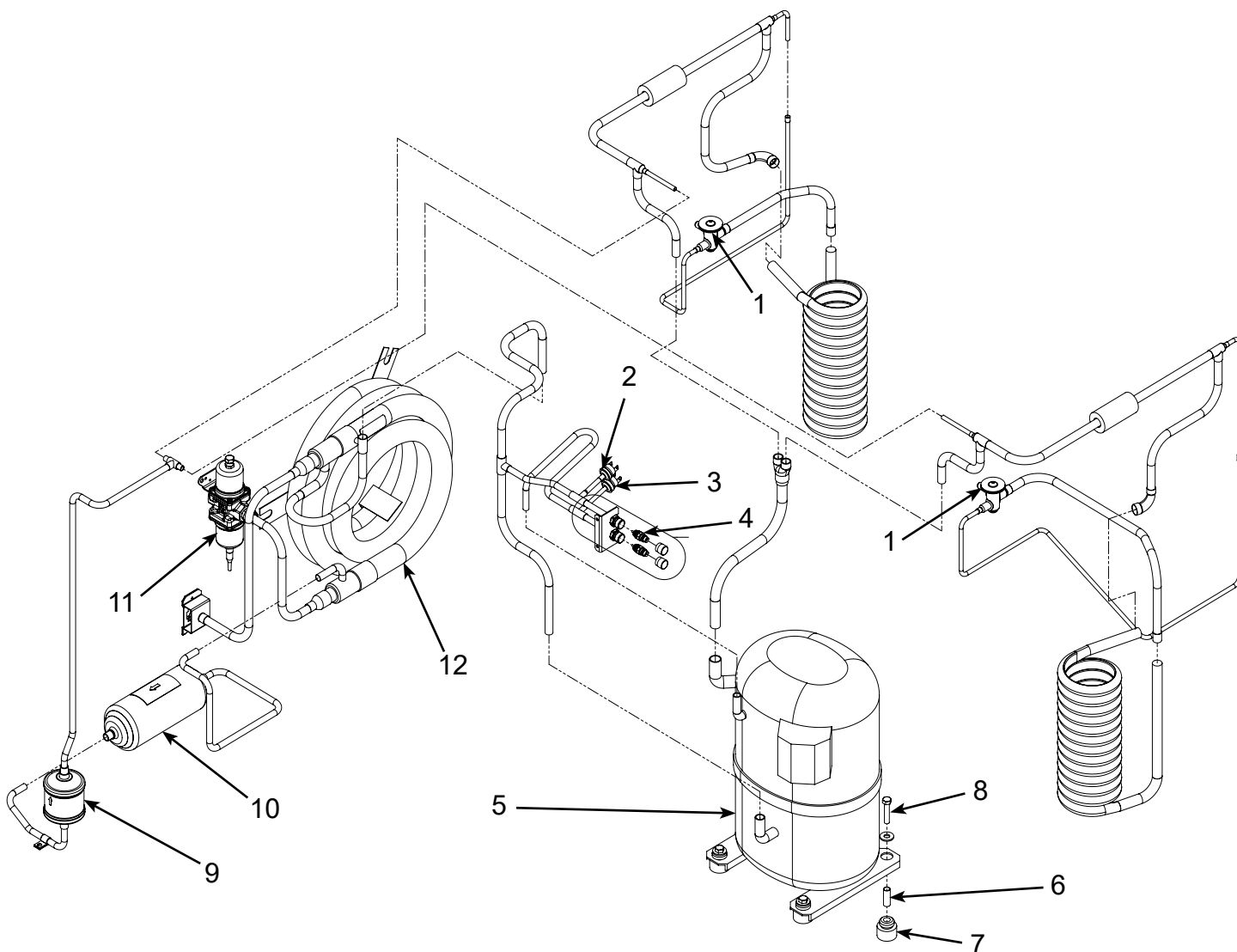
Not Pictured

A37948-001 Accumulator Bracket

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Water Cooled Refrigeration Components



Item	Part Number	Description
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1	16-1280-24	TXV
	19-0599-01	Insulation, TXV
2	11-0501-02	Hi pressure cut out switch
3	11-0502-01	Low pressure control switch
4	16-1137-01	Access valve seat
4a	16-1139-01	Access valve core
4b	16-1140-01	Access valve cap
5	18-8930-15	Compressor, 208-230/1*
	18-8930-16	Compressor, 208-230/3
6	18-2300-26	Sleeve
7	18-2300-27	Grommet
8	03-1405-20	Hex cap screw
8a	03-1407-07	Washer, flat

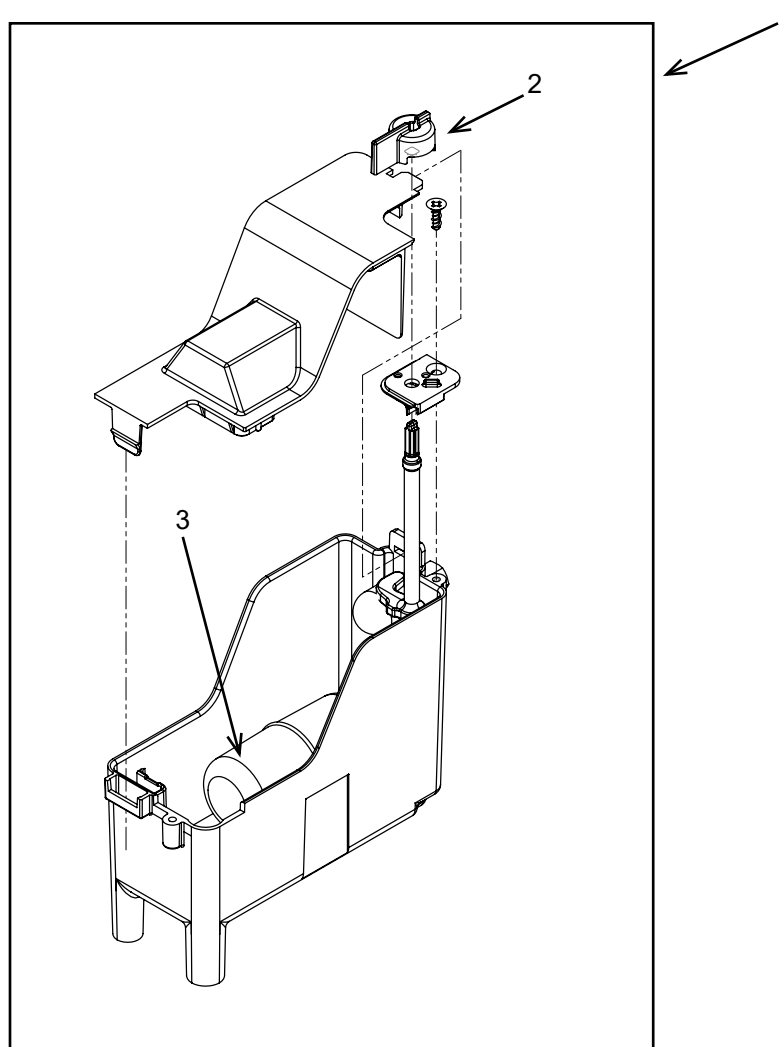
9	02-3319-02	Filter drier
10	02-2628-02	Receiver
11	11-0608-01	Water regulating valve
12	18-8865-01	Water cooled condenser

* Compressor kit includes starting components and dryer.

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Reservoir Parts

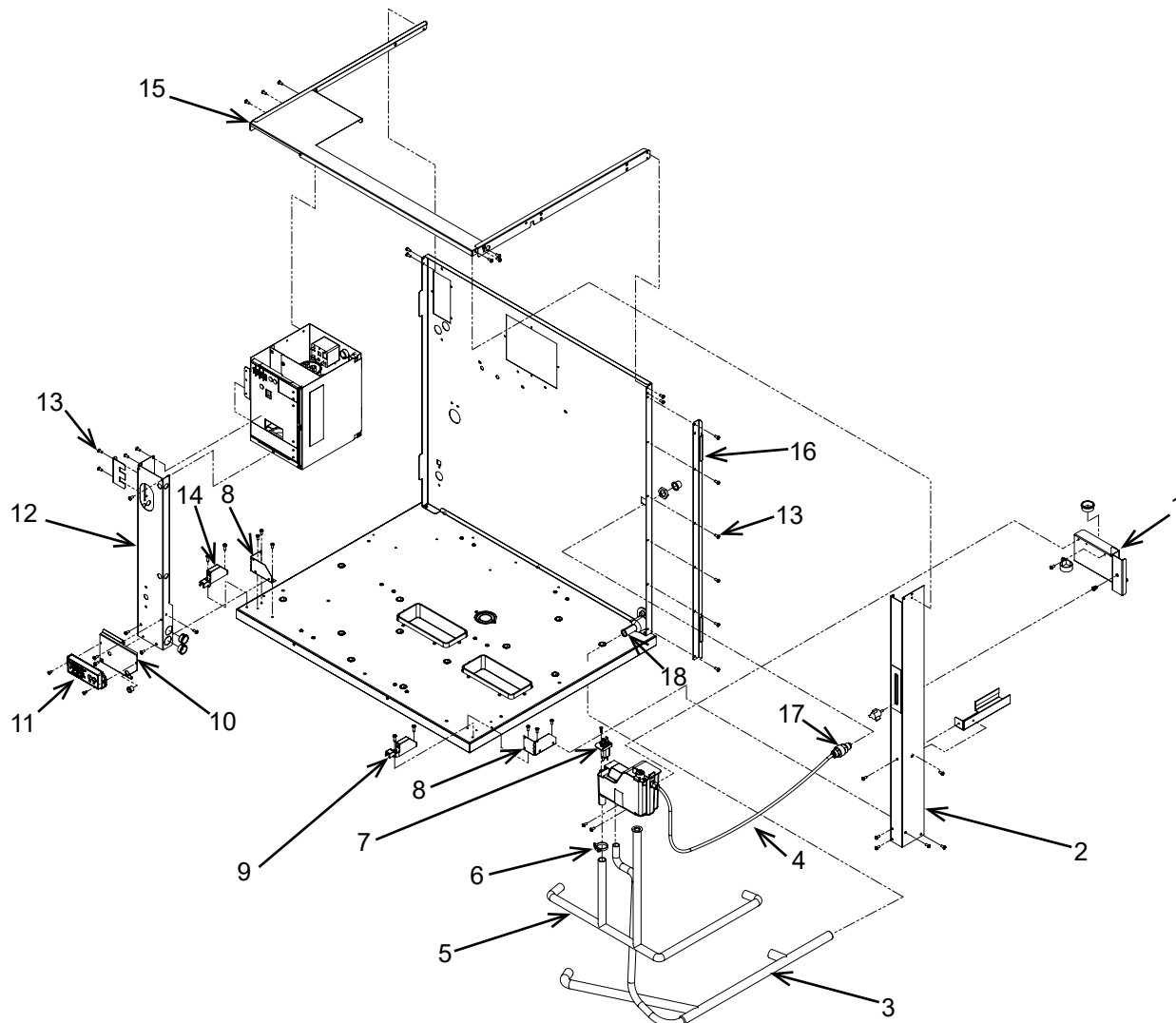


Item	Part Number	Description
1	A40664-001	Reservoir
2	02-4955-01	Knob
3	02-2217-02	Float valve only, part of item 1

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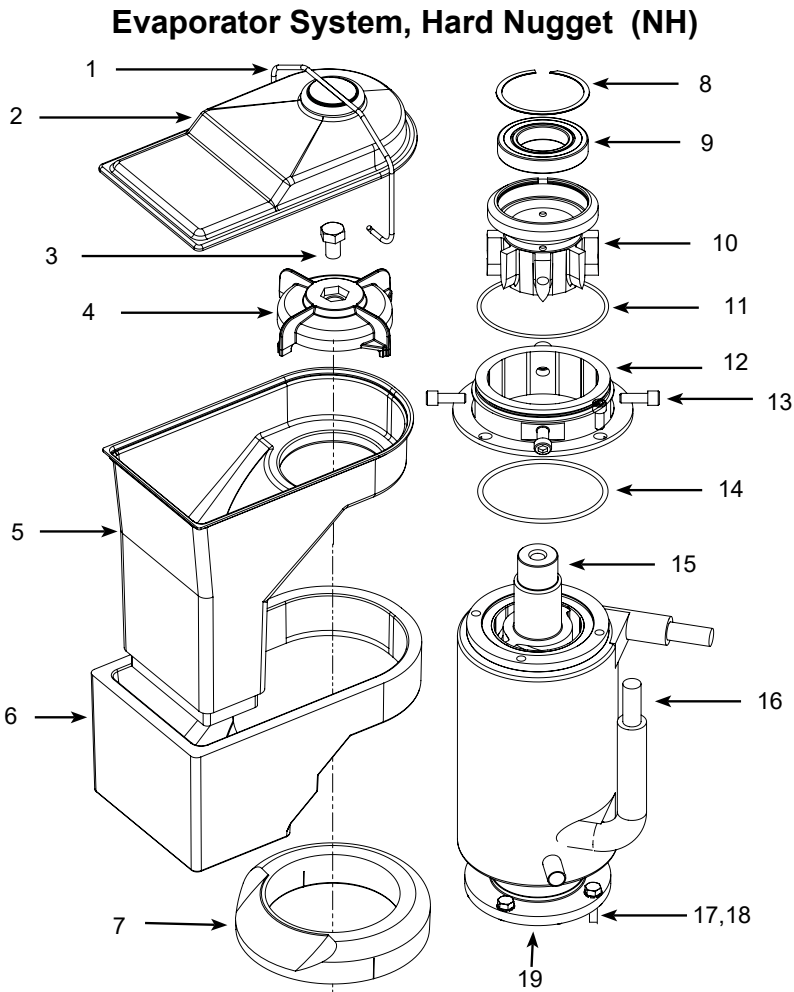
Water Inlet and Drain Tubing



Item	Part Number	Description	15	A41108-001	Control box top
1	A41109-001	Reservoir bracket	16	A41112-001	Right side back panel bracket
2	A41107-001	Front right post	17	16-0835-01	Water inlet fitting
3	02-5134-01	Drain tube	18	02-3692-04	Drain fitting
4	13-0895-01	Tubing, use 30 inches			
5	02-5133-01	Evaporator water supply tube			
6	02-2814-08	Hose clamp			
7	A40666-001	Water sensor			
8	A40367-001	Support bracket			
9	02-4823-22	Right panel mount			
10	A40363-001	Bracket, membrane			
11	02-4836-01	Membrane			
12	A41106-001	Left front post			
13	03-1521-01	Screw			
14	02-4823-21	Left panel mount			

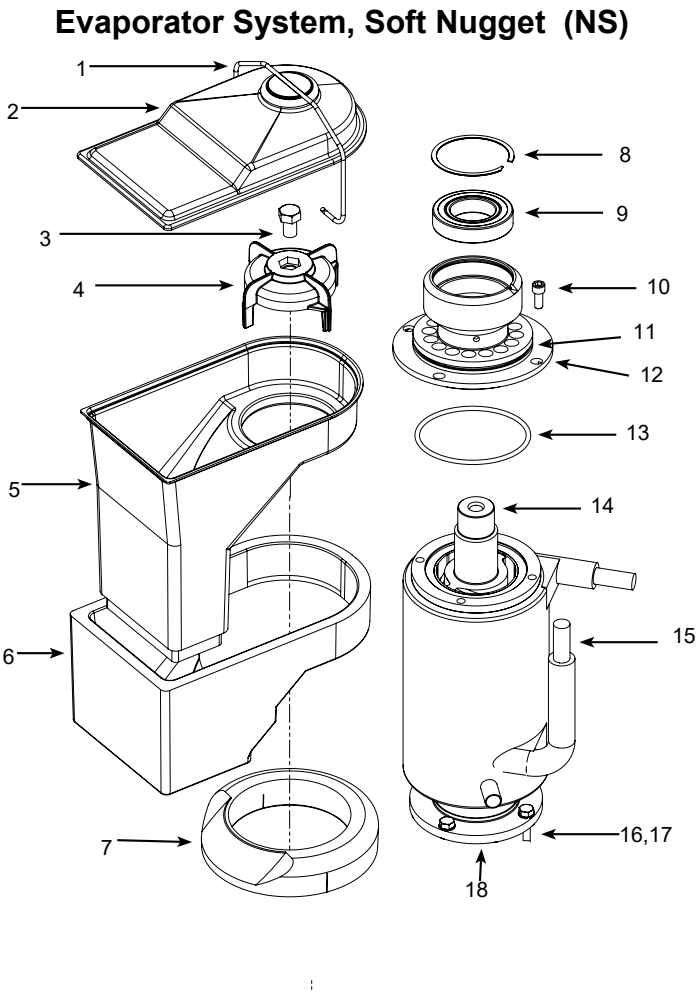
Service Parts List for Models FS2330X, NS2030X, and NH2030X
Remote or Water Cooled

Evaporator System



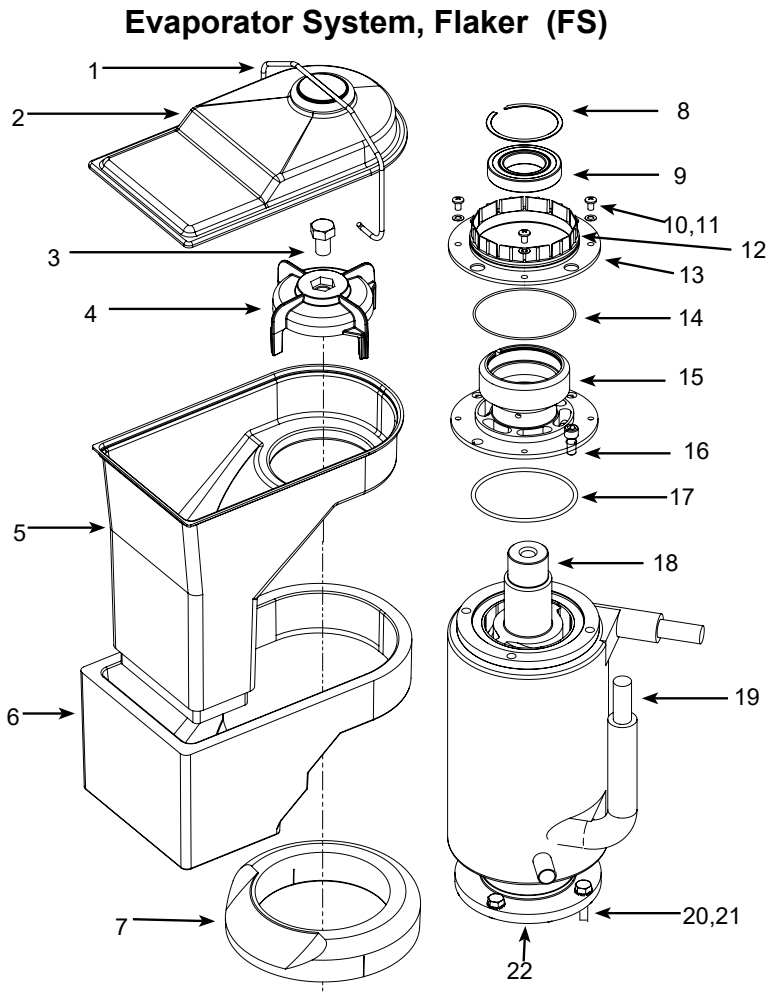
Hard Nugget:

Item	Part Number	Description
1	02-5074-01	Bail clamp
2	02-5073-01	Ice chute cover
3	03-1405-52	Hex head cap screw, 1/2"-13
4	02-5071-02	Ice sweep
5	02-5072-02	Ice chute
6	02-5086-02	Ice chute insulation
7	13-0929-03	Insulation collar - (Grey color)
8	02-5070-01	Retaining ring
9	02-5069-01	Top bearing
10	02-5050-01	Extruder
10a	A40991-023	Extruder/Bearing assembly kit (includes 8,9,10)
11	13-0617-52	O-ring
12	02-5049-01	Extruder adapter
13	03-1544-08	Allen head screw, 5/16-18x3/4"
14	13-0617-45	O-ring
15	02-5060-02	Auger, tall
16	02-5061-22	Evaporator, tall
17	03-1417-13	Lock washer 5/16"
18	03-1405-38	Hex head cap screw, 5/16-18x3/4"
19	A40174-001	Evaporator/Gearbox adapter assembly
19a	02-4843-23	Bottom Bearing
NS1	02-0929-23	Water Seal
NS2	A40991-033	Conversion to hard nugget (includes 4,5,6,7,8,9,10,11,12,13,14)



Soft Nugget:

Item	Part Number	Description
1	02-5074-01	Bail clamp
2	02-5073-01	Ice chute cover
3	03-1405-52	Hex head cap screw, 1/2"-13
4	02-5071-01	Ice sweep
5	02-5072-01	Ice chute
6	02-5086-01	Ice chute insulation
7	13-0929-02	Insulation collar - (Black color)
8	02-5070-01	Retaining ring
9	02-5069-01	Top bearing
10	03-1544-08	Allen head screw, 5/16-18x3/4"
11	13-0617-52	O-ring
12	02-5067-01	Extruder
12a	A40991-021	Extruder/Bearing assembly kit (includes 8,9,11,12,13)
13	13-0617-45	O-ring
14	02-5060-02	Auger, tall
15	02-5061-22	Evaporator, tall
16	03-1417-13	Lock washer 5/16"
17	03-1405-38	Hex head cap screw, 5/16-18x3/4"
18	A40174-001	Evaporator/Gearbox adapter assembly
18a	02-4843-23	Bottom Bearing
NS1	02-0929-23	Water Seal
NS2	A40991-031	Conversion to soft nugget kit (includes 4,5,6,7,8,9,11,12,13)



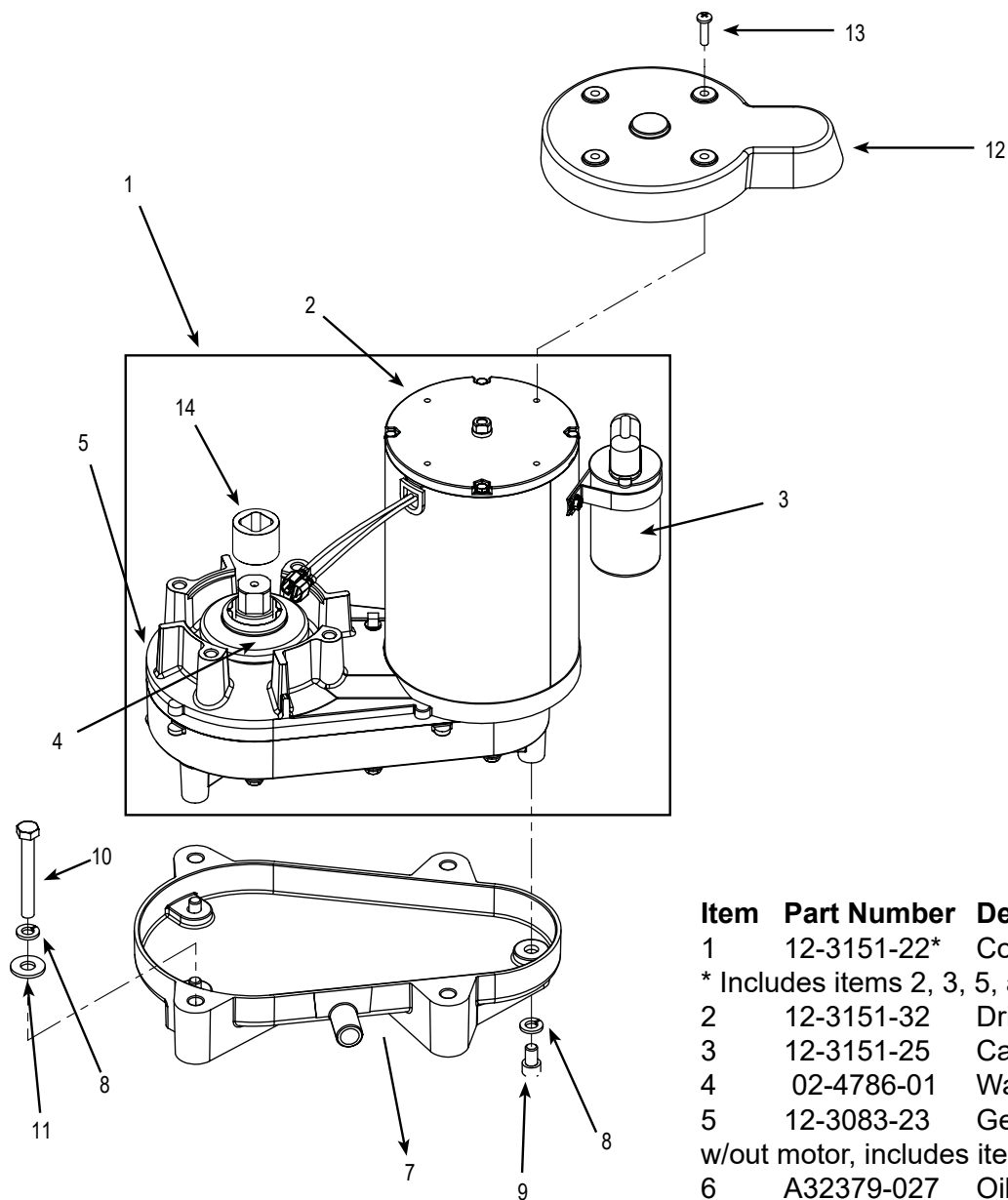
Flaker:

Item	Part Number	Description
1	02-5074-01	Bail clamp
2	02-5073-01	Ice chute cover
3	03-1405-52	Hex head cap screw, 1/2"-13
4	02-5071-01	Ice sweep
5	02-5072-01	Ice chute
6	02-5086-01	Ice chute insulation
7	13-0929-01	Insulation collar - (White color)
8	02-5070-01	Retaining ring
9	02-5069-01	Top bearing
10	03-1408-36	Washer
11	03-1403-27	Screw #10-24
12	13-0617-52	O-ring
13	02-2916-01	Slotted collar
14	13-0617-49	O-ring
15	02-5068-01	Extruder
15a	A40991-022	Extruder/Bearing Assembly Kit (includes 8,9,15,17)
16	03-1544-08	Allen head screw, 5/16-18x3/4"
17	13-0617-45	O-ring
18	02-5060-02	Auger, tall
19	02-5061-22	Evaporator, tall
20	03-1417-13	Lock washer 5/16"
21	03-1405-38	Hex head cap screw, 5/16-18x3/4"
22	A40174-001	Evaporator/Gearbox adapter assembly
22a	02-4843-23	Bottom Bearing
NS1	02-0929-23	Water Seal
NS2	A40991-032	Conversion to flaker kit (includes 4,5,6,7,8,9,10,11,12,13,14,15,17)

Service Parts List for Models FS2330X, NS2030X, and NH2030X

Remote or Water Cooled

Gear Reducer and Motor



Item Part Number Description

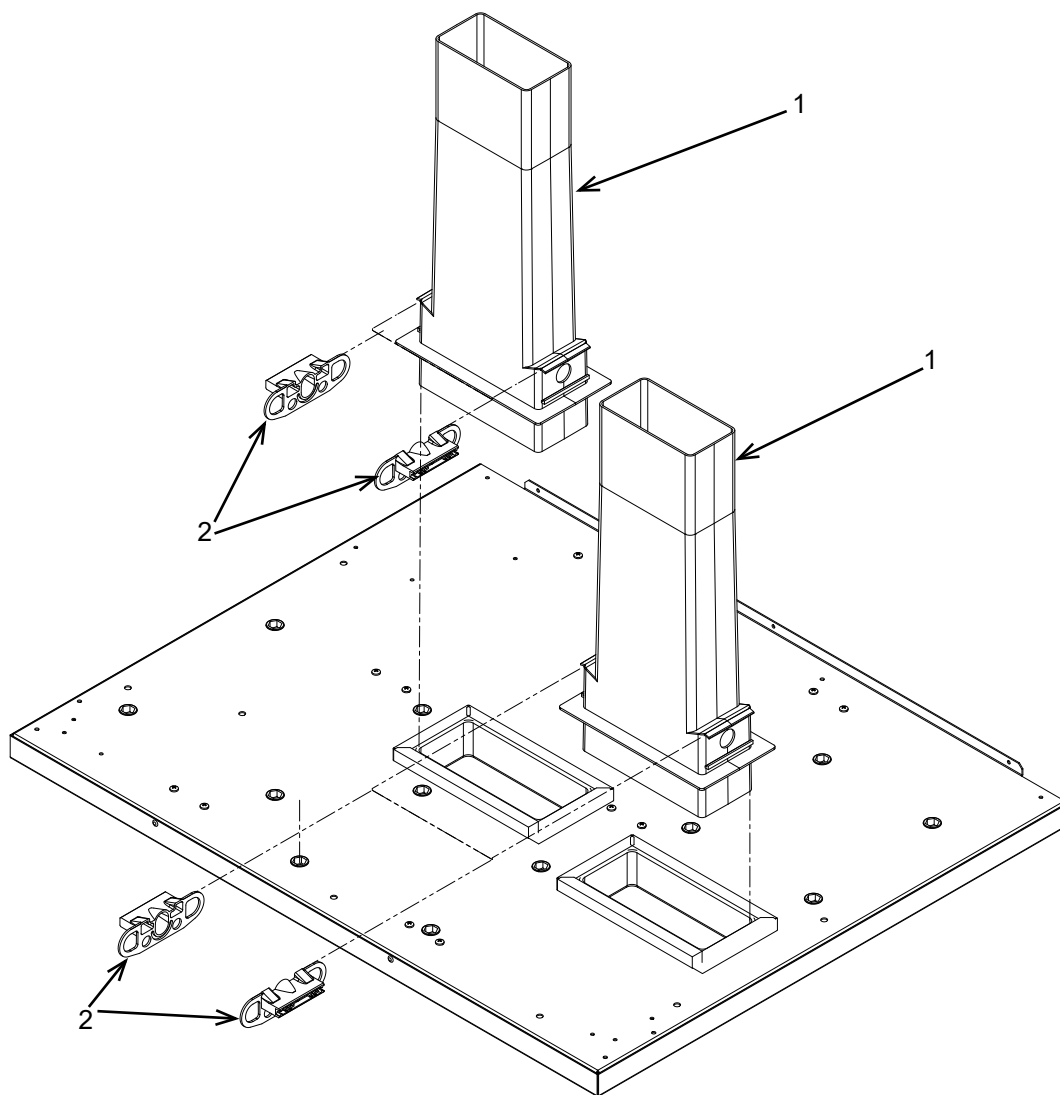
1	12-3151-22*	Complete assy 208-230V
* Includes items 2, 3, 5, and is charged with gear oil.		
2	12-3151-32	Drive Motor, 208-230V
3	12-3151-25	Capacitor kit, 208-230V
4	02-4786-01	Water Shed
5	12-3083-23	Gearbox kit, assembled w/out motor, includes item 7
6	A32379-027	Oil, 1 Container
7	02-5066-01	Gearbox drip pan
8	03-1410-04	Lock washer 5/16"
9	03-1544-09	Screw, socket head cap, 5/16-18 x 1-1/2"
10	03-1405-22	Screw, hex Cap, 5/16-18 x 1-1/2"
11	03-1407-07	Flat Washer 5/16"
12	02-5104-01	Motor Shield
13	03-1403-32	Screw, #10-24 x 3/4"
14	02-4838-01	Drive coupling
Not Shown:		
15	12-3151-33	First Gear (Phenolic)
16	12-3151-34	Gasket

Oil Charge is 14 Oz.

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Remote or Water Cooled

Chutes and Ice Sensors

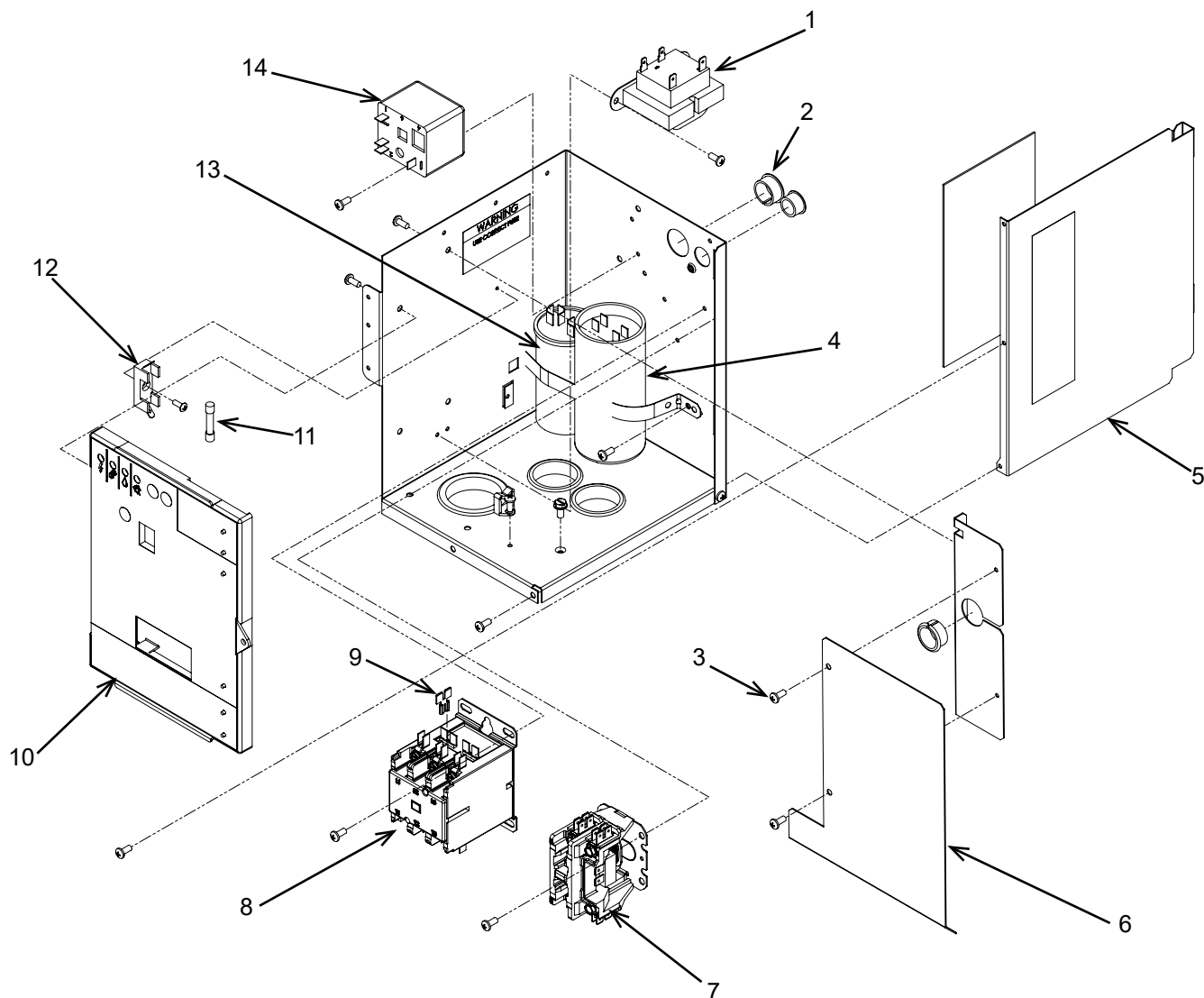


Item	Part Number	Description
1	02-2929-04	Lower ice chute
2	A37708-021	Ice sensor set

Service Parts List for Models FS2330X, NS2030X, and NH2030X

Remote or Water Cooled

Control Box



Item	Part Number	Description
1	12-2924-02	Transformer
2	12-1313-10	Snap bushing
3	03-1531-01	Screw
4	18-1901-27	Start capacitor
5	A39198-001	Cover
6	A39216-001	Barrier
7	12-2469-02	Contactor, single pole
8	12-2533-02	Contactor, three phase
9	12-3134-01	Splitter, three phase remote only
10	02-4076-01	Control box door
11	12-2687-01	Fuse block
12	12-2686-01	Fuse
13	18-1902-27	Run capacitor
14	18-1903-62	Start relay

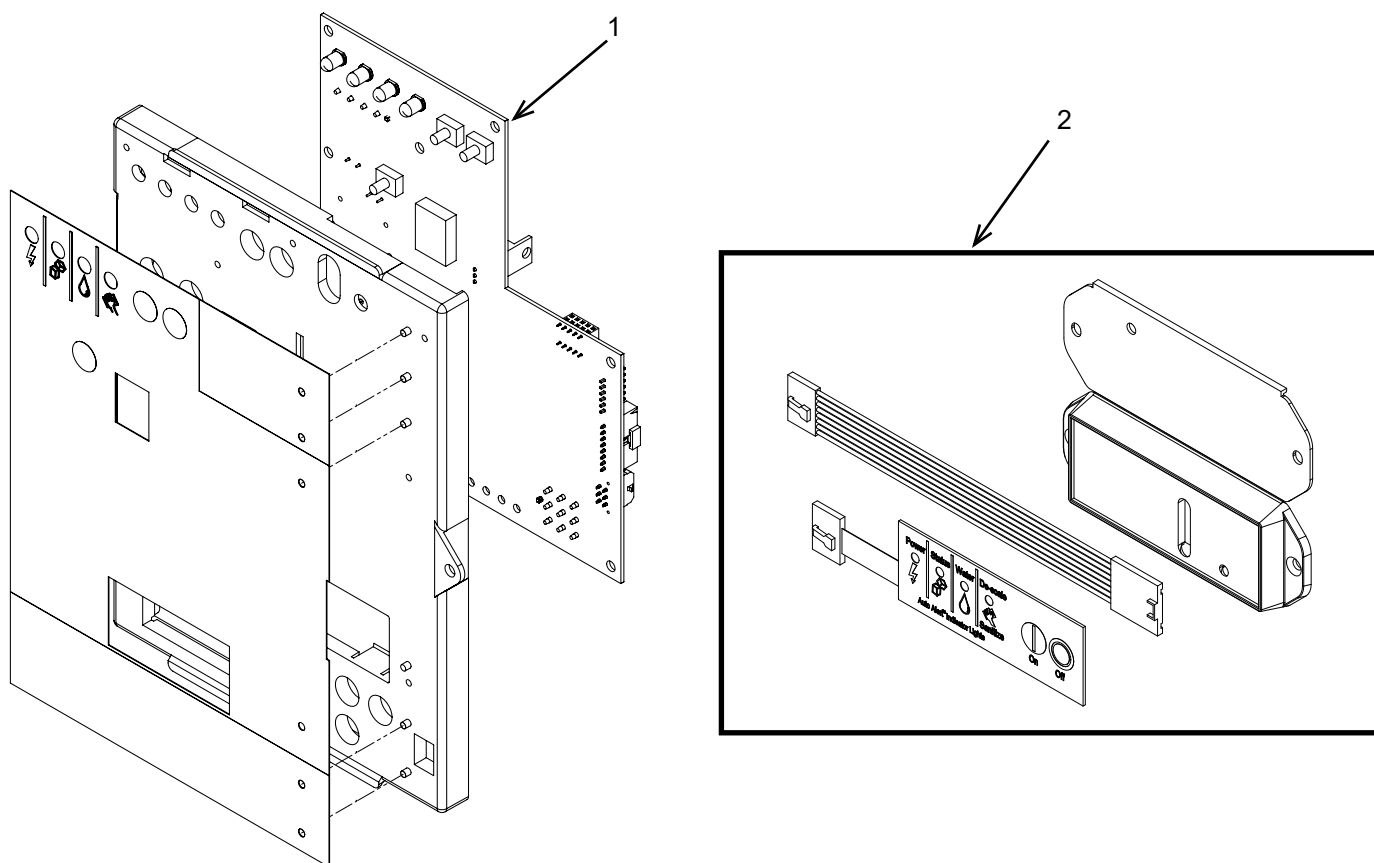
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Service Parts List for Models FS2330X, NS2030X, and NH2030X

Remote or Water Cooled

Controller and Harnesses



Item	Part Number	Description
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- | | | |
|---|------------|---|
| 1 | 11-0638-21 | Service controller, dual evaporator models |
| 2 | 11-0622-21 | Membrane kit, includes items shown within illustrated box |

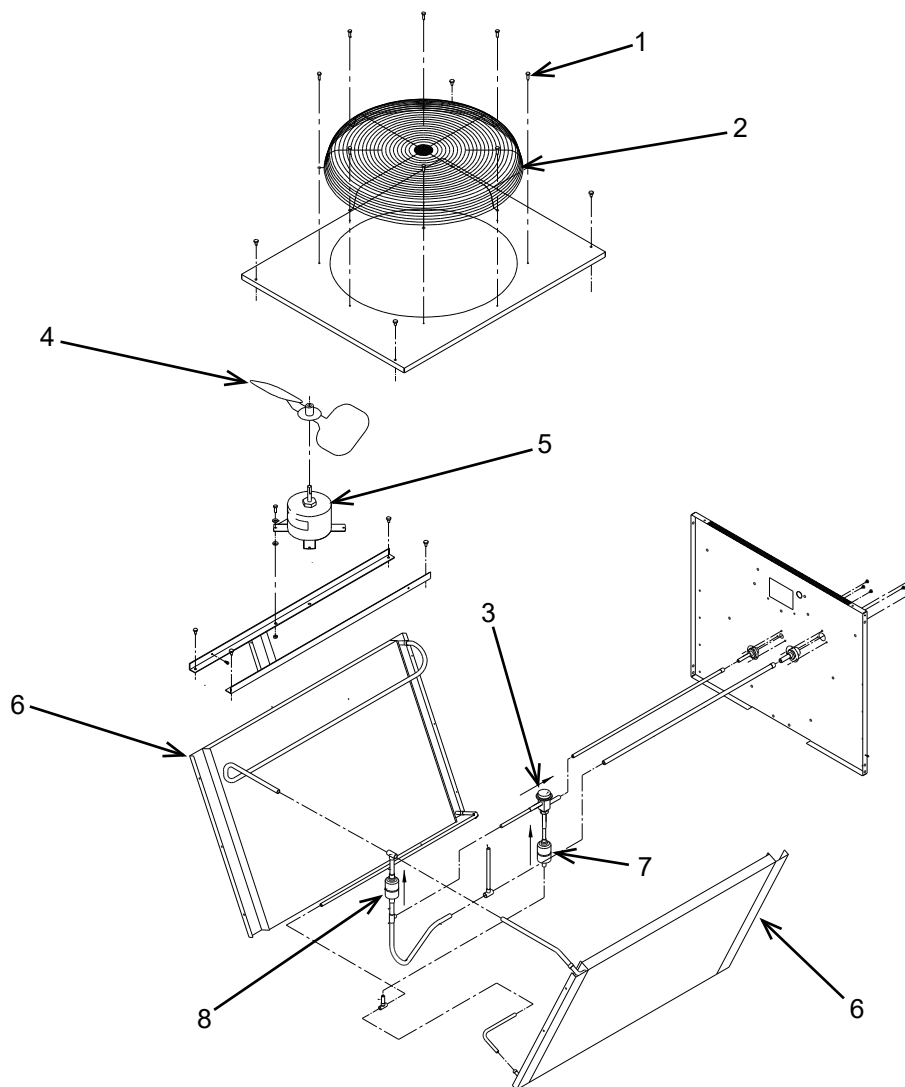
Harnesses, not shown:

- | | | |
|-----|------------|-----------------------------------|
| NS1 | 12-3172-01 | Three phase remote harness |
| NS2 | 12-2968-01 | Single phase compressor harness |
| NS3 | 12-2965-01 | Three phase compressor harness |
| NS4 | 12-3102-02 | Membrane harness |
| NS5 | 12-3161-01 | Low voltage harness |
| NS6 | 12-3160-01 | High voltage remote harness |
| NS7 | 12-3159-01 | High voltage water cooler harness |

Service Parts List for Models FS2330X, NS2030X, and NH2030X

Remote or Water Cooled

ERC611X Condenser



Item	Part Number	Description
1	03-1405-08	Screw
2	02-3575-01	Fan guard
3	11-0422-22	Headmaster
4	18-8820-01	Fan blade - ERC611
5	12-2717-01	Fan motor - ERC611
6	18-8819-01	Coil, ERC611
7	02-3231-02	Filter
8	02-3231-03	Filter

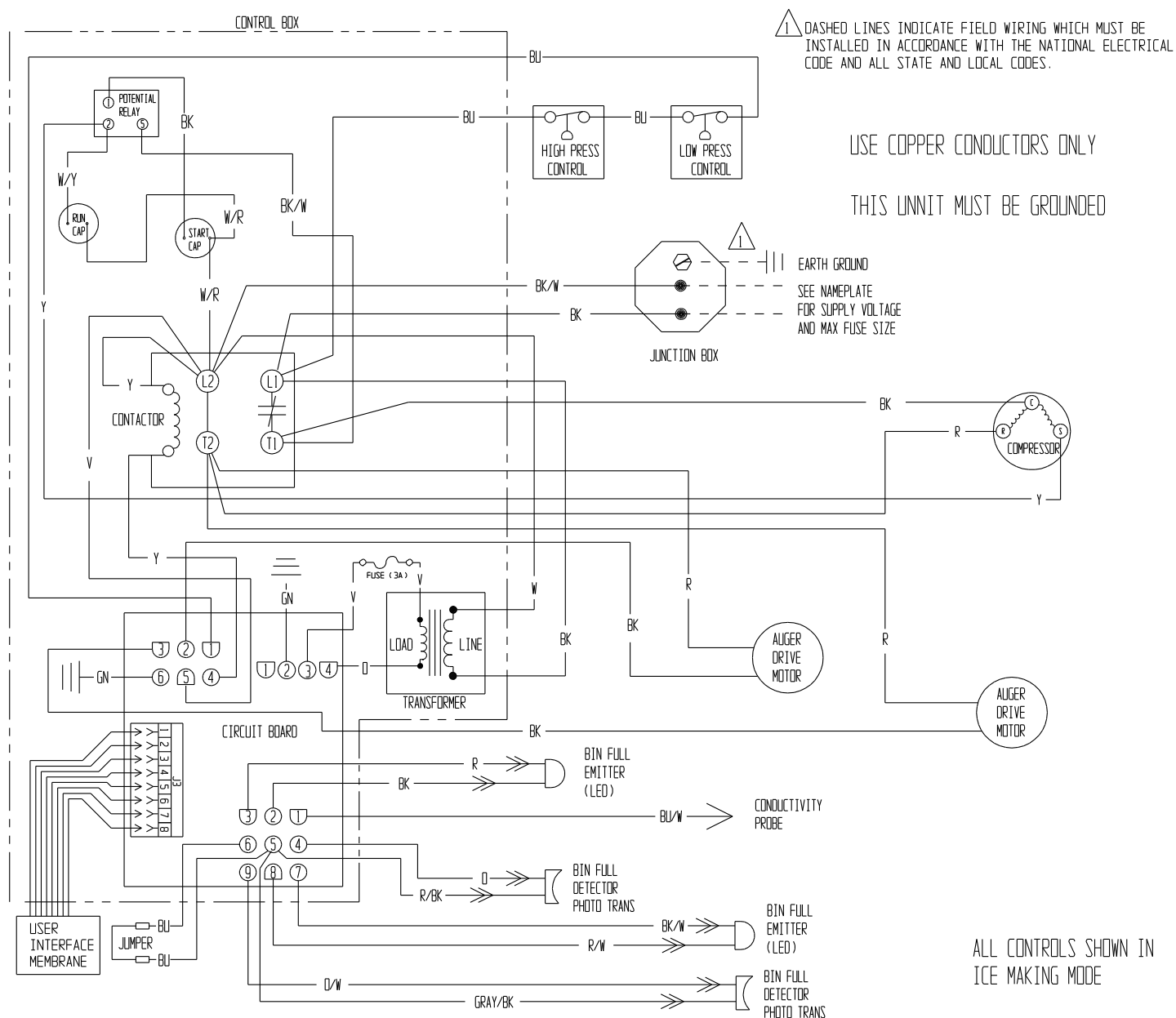
Not Shown:

A37169-001	Leg
A37296-001	Leg brace - ERC611
03-1645-01	Screw for legs

Service Parts List for Models FS2330X, NS2030X, and NH2030X

Remote or Water Cooled

-32 Water Cooled Wiring Diagram



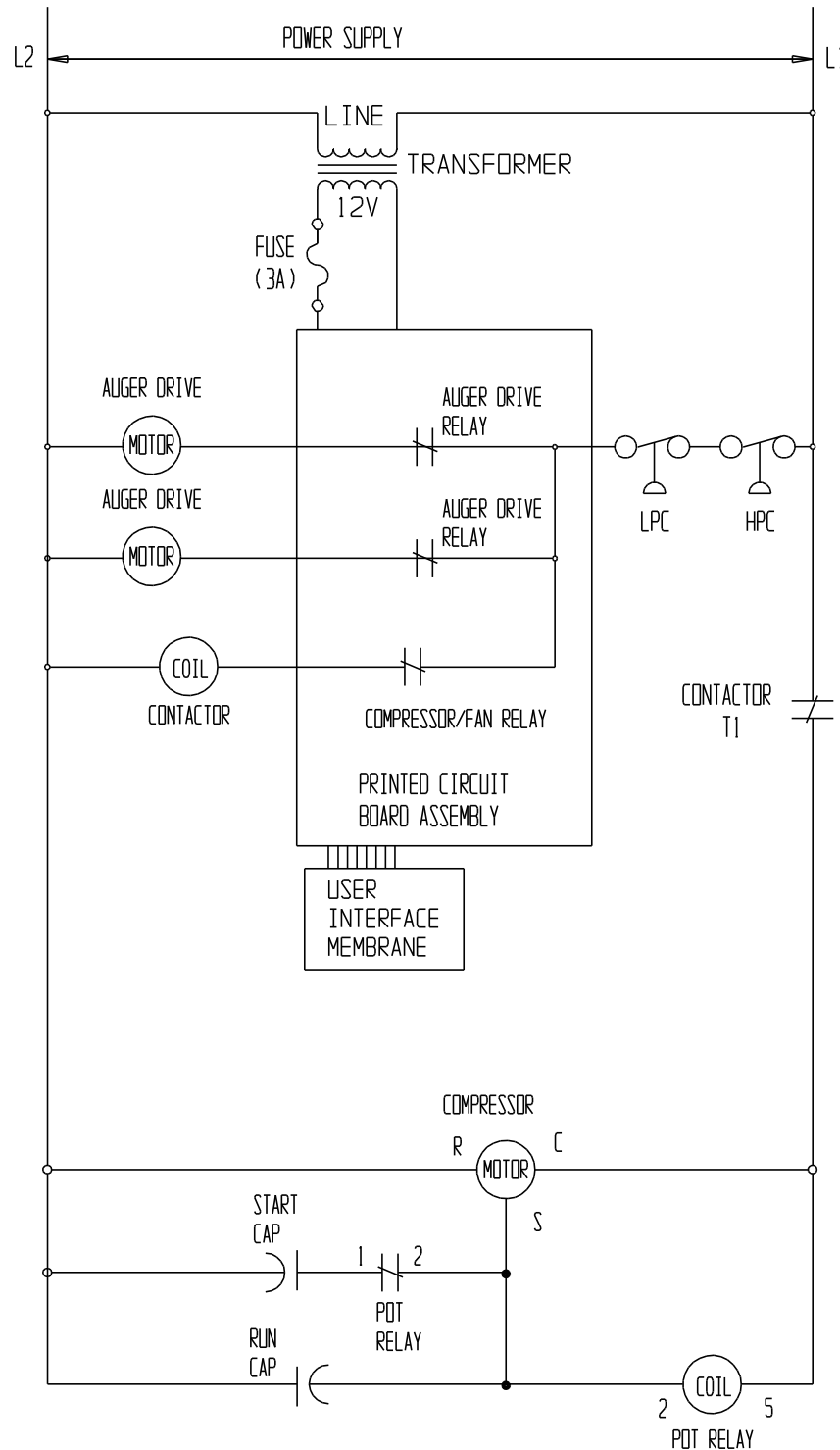
Service Parts List for Models FS2330X, NS2030X, and NH2030X

Remote or Water Cooled

-32 Water Cooled Schematic

CAUTION:

MORE THAN ONE DISCONNECT MEANS MAY BE
REQUIRED TO DISCONNECT ALL POWER TO THIS UNIT.



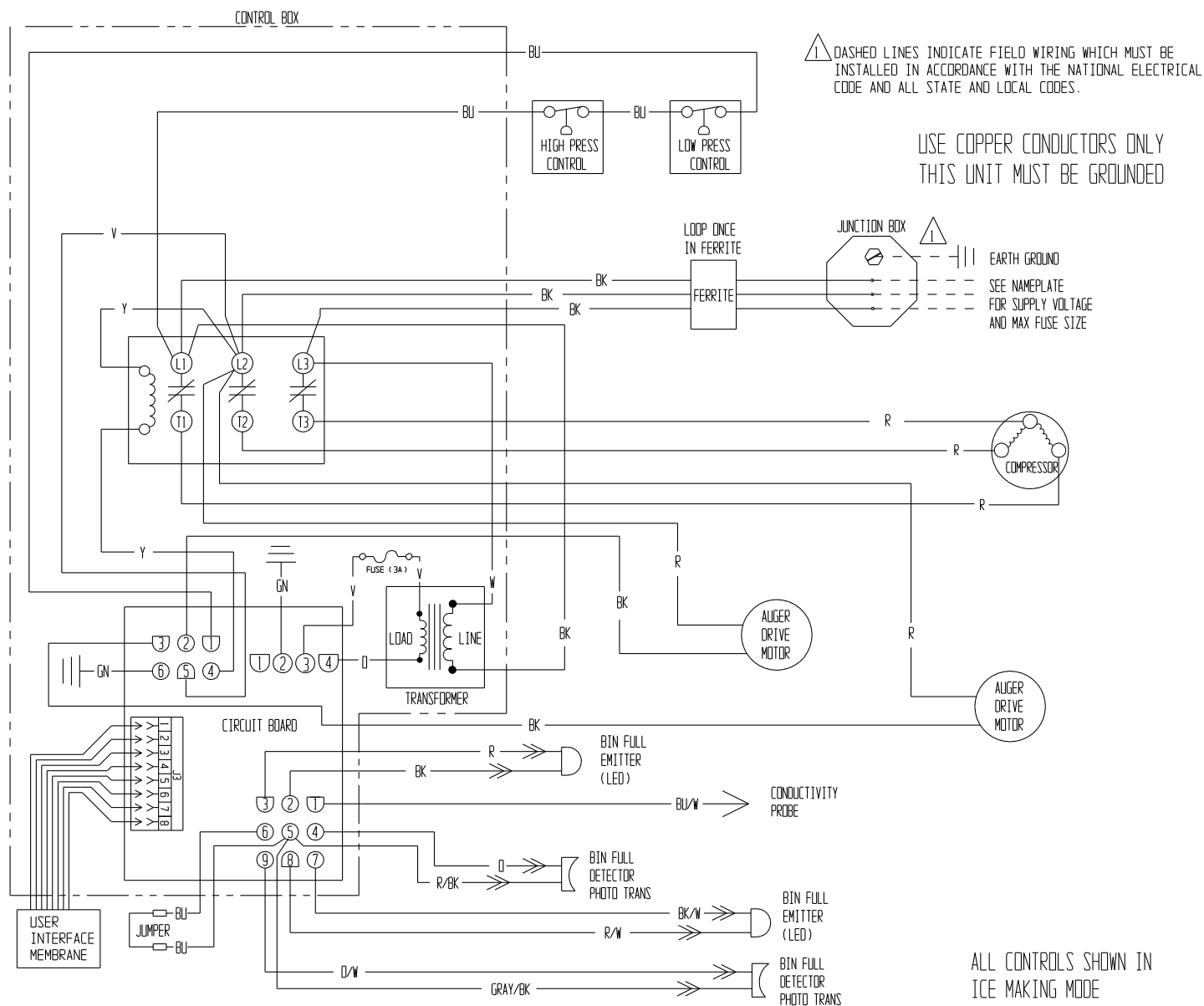
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Service Parts List for Models FS2330X, NS2030X, and NH2030X

Remote or Water Cooled

-3 Water Cooled Wiring Diagram



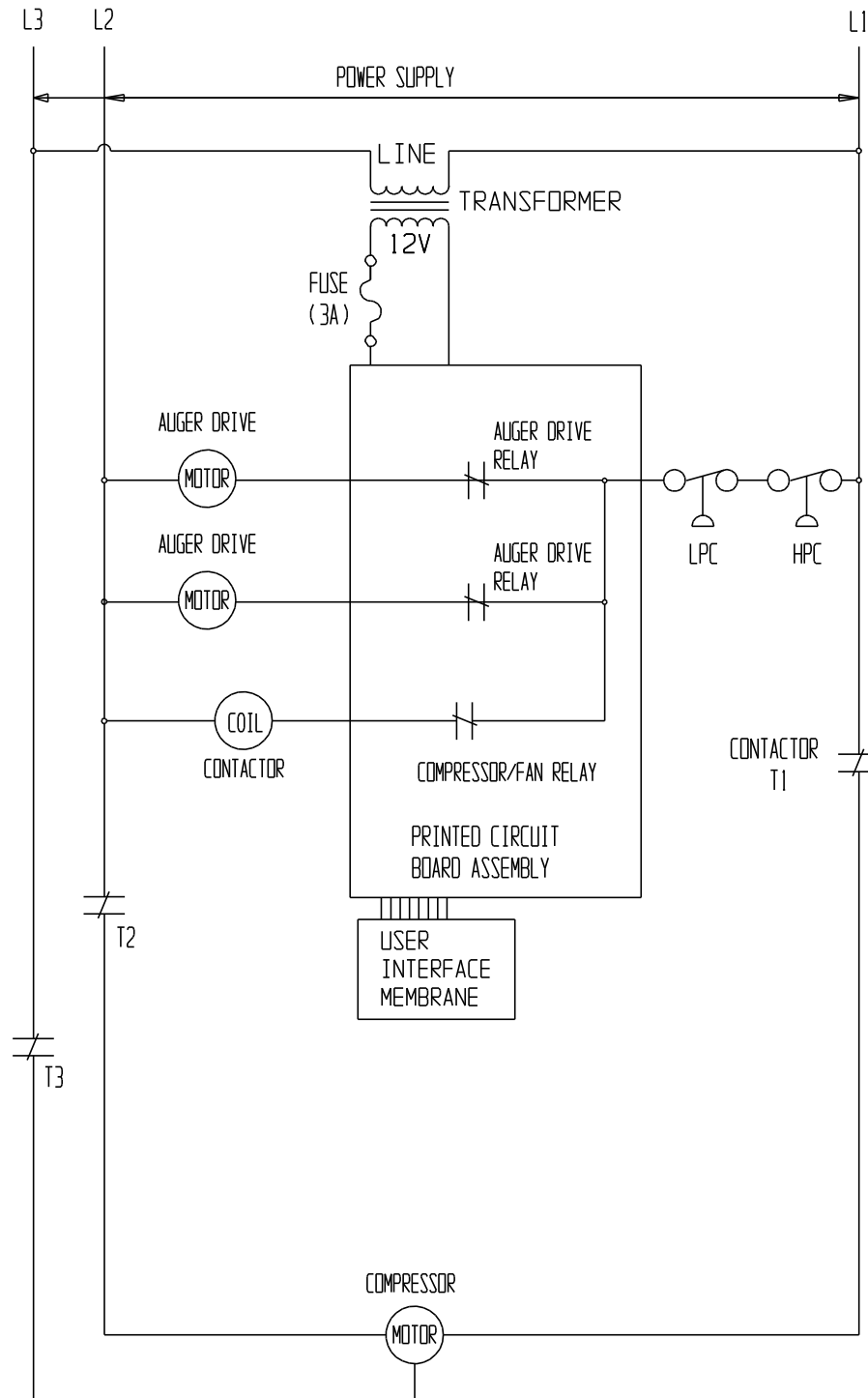
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Remote or Water Cooled

-3 Water Cooled Schematic

CAUTION:

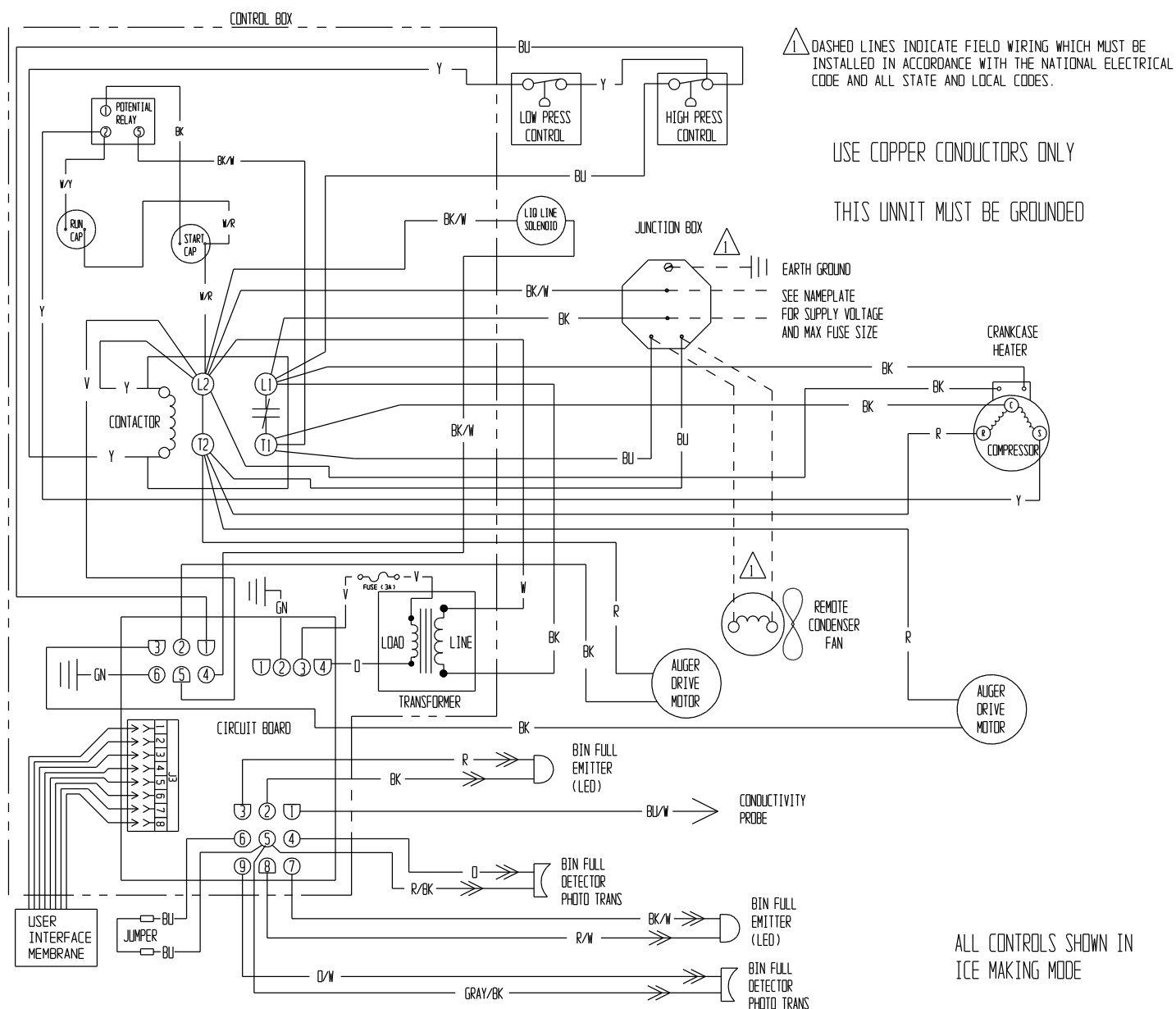
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Remote or Water Cooled

-32 Remote Cooled Wiring Diagram



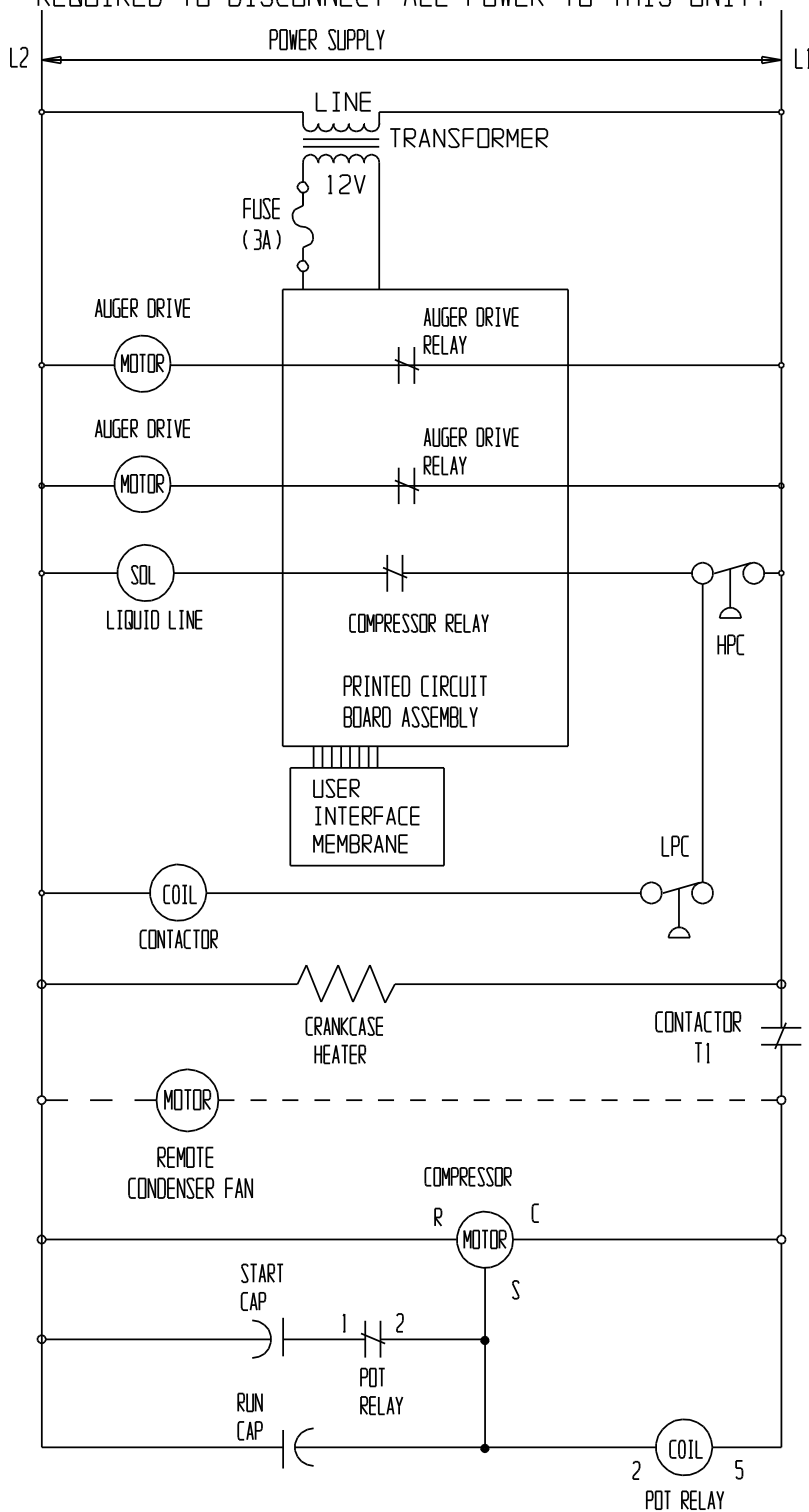
Service Parts List for Models FS2330X, NS2030X, and NH2030X

Remote or Water Cooled

-32 Remote Cooled Schematic

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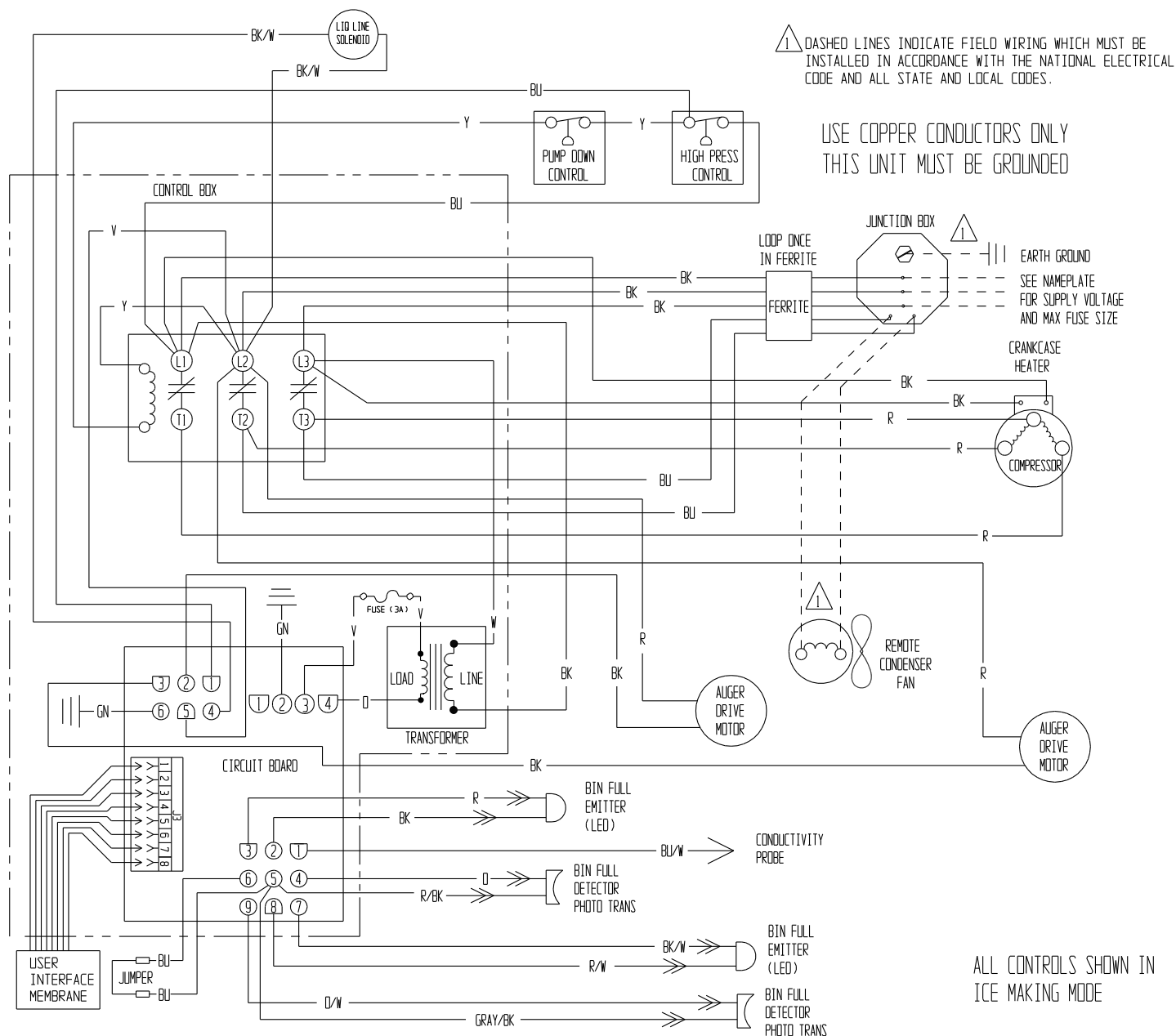
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Remote or Water Cooled

-3 Water Cooled Wiring Diagram

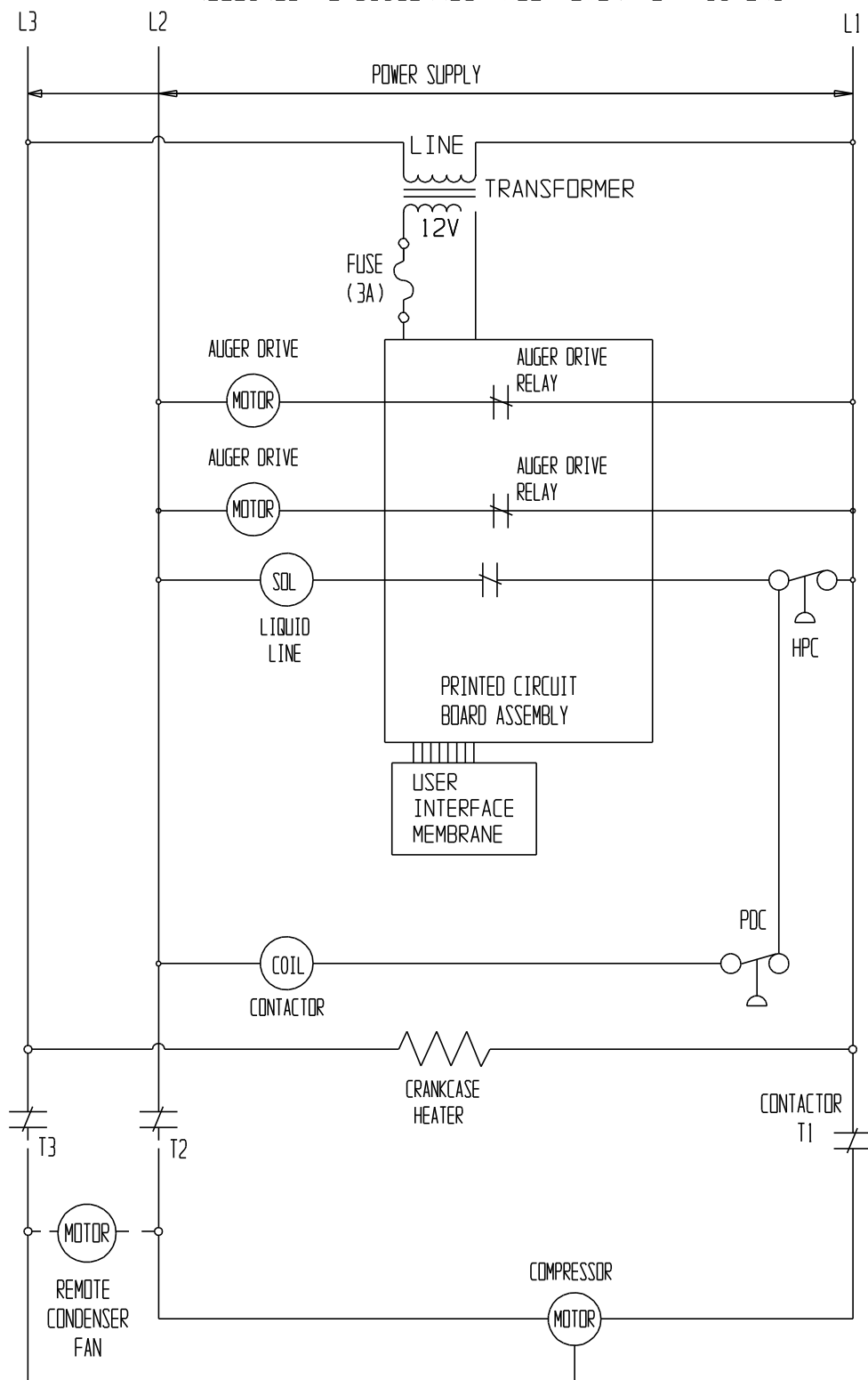


Service Parts List for Models FS2330X, NS2030X, and NH2030X

Remote or Water Cooled

-3 Water Cooled Schematic

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