

Diamond Modular Ice Machines

Models: _____

#194EMCH422A 22"W • 431 lb./Day • Half Cube

#194EMCH530A

30"W • 494 lb./Day • Half Cube

#194EMCF422A 22"W • 431 lb./Day • Full Cube

#194EMCF530A

30"W • 494 lb./Day • Full Cube

Compatible Bins: _____

#194EBIN40022 22"W • 400 lb. Capacity

#194EBIN50030

30"W • 510 lb. Capacity

Note:

Read the manual thoroughly prior to equipment setup, operation, and maintenance.

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Index

Air Condenser Unit Parts List.....	3
Air Condenser Unit Diagram	4
Electric Box Parts List.....	5
Electric Box Diagram	6
Cabinet Parts List	7
Cabinet Diagram.....	8
Hydraulic Parts List	9
Hydraulic Parts Diagram.....	10
Ice Storage Bin Parts List	11
Ice Storage Bin Diagram	12



Intertek
4000352

Intertek
4000352

Conforms to UL 60335-1 and UL 60335-2-24

Conforms to CSA-C22.2 No. 60335-1 and CSA-C22.2 No. 60335-2-24

Certified to NSF/ANSI Std. 12

Certified to NRCAN Control #: EP5024880

Certified to Energy Performance of Automatic Icemakers and Ice Storage Bins (R2020) - [CAN/CSA C742:2015 Ed.4+E1;E2]

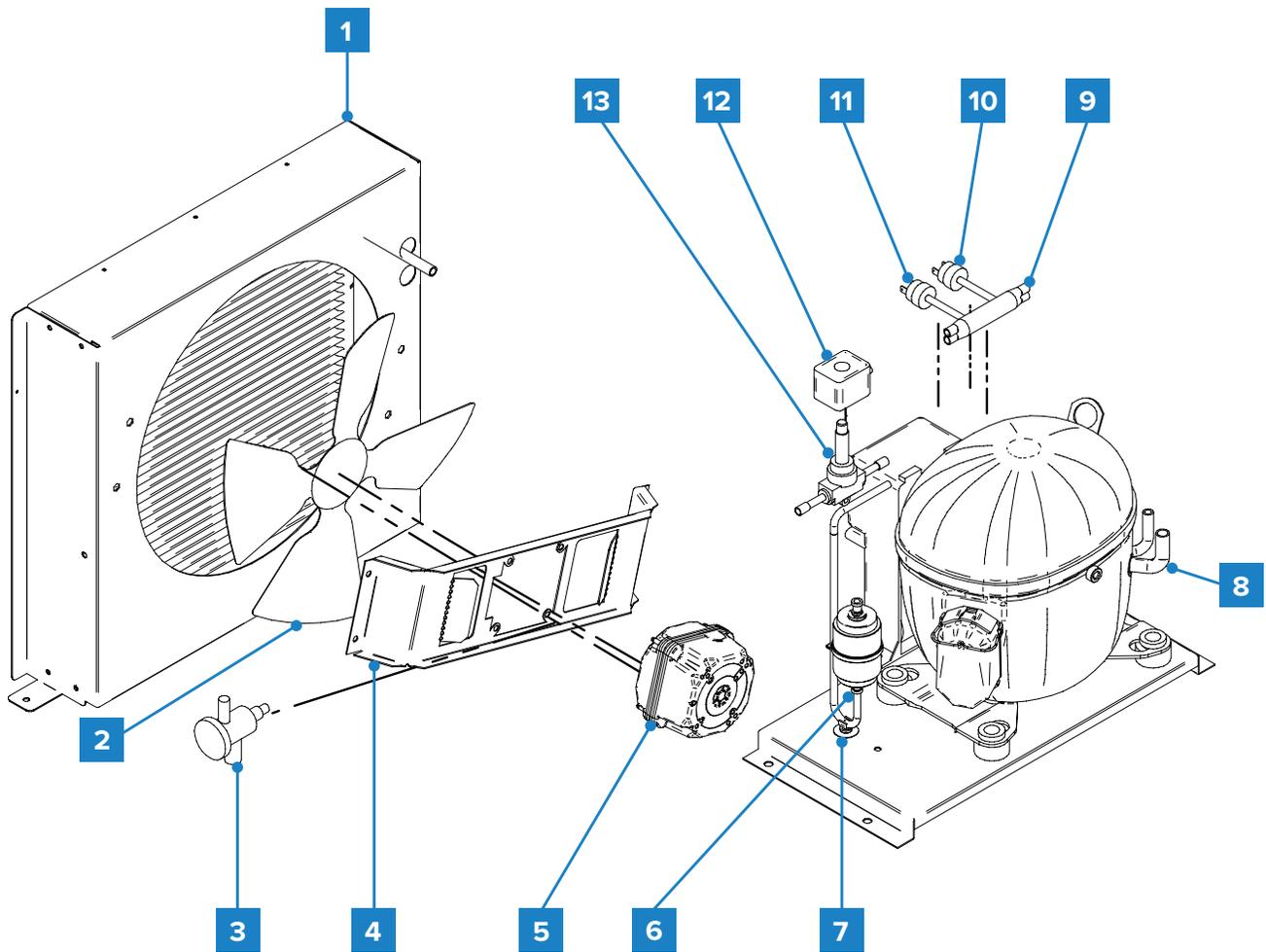
Air Condenser Unit Parts List

Models: 194EMCF422A, 194EMCF530A, 194EMCH422A, 194EMCH530A

Key	Description	Item Number	Quantity
1A	Condenser for 422A	19432836	1
1B	Condenser for 530A	19432846	1
2	Fan Blade	19435173	1
3	Expansion Valve	19431524	1
4	Fan Support	—	1
5	Fan Motor	19432895K	1
6	Filter Drier	1947896	1
7	Plastic Clip ¼"	—	1
8A	Compressor Kit for 422A	19431457EK	1
8B	Compressor Kit for 530A	19431456EK	1
9	Pressure Switch Kit	19435979	1
10			
11			
12	Hot Gas Valve Coil	1945414	1
13	Hot Gas Valve	1946396	1

Air Condenser Unit Diagram

Models: 194EMCF422A, 194EMCF530A, 194EMCH422A, 194EMCH530A



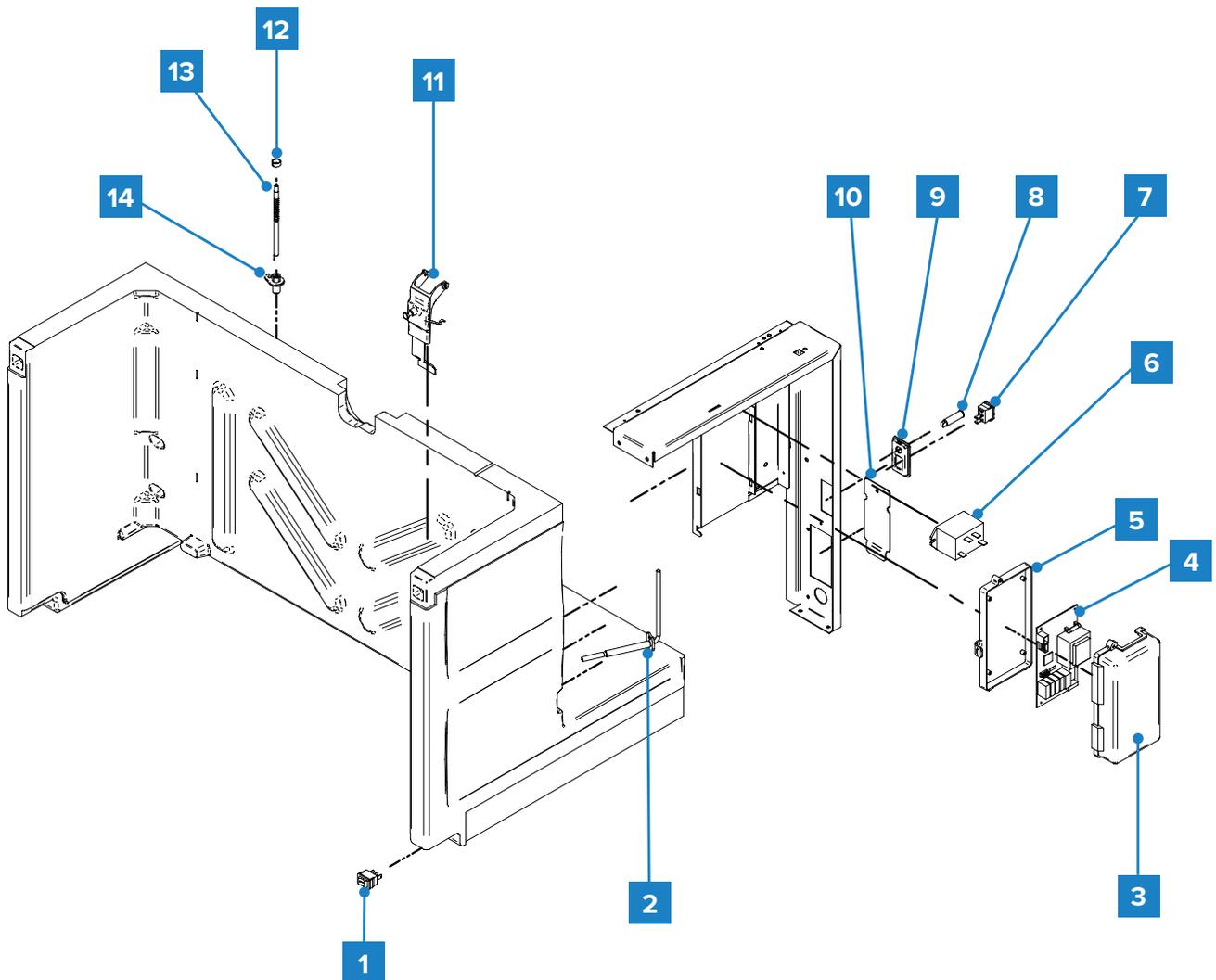
Electric Box Parts List

Models: 194EMCF422A, 194EMCF530A, 194EMCH422A, 194EMCH530A

Key	Description	Item Number	Quantity
1	Switch	1946161	1
2	Curtain Sensor	1946521A	1
3	Electric Box Cover	—	1
4	Electronic Board	1946253D	1
5	Electric Box	—	1
6	Relay 115V / 60 Hz	—	1
7	Main Switch	19432416	1
8	Blue LED	19432415	1
9	Main Switch Support	—	1
10	Junction Box Cover	—	1
11A	Ice Thickness Sensor for 422A	19430894B	1
11B	Ice Thickness Sensor for 530A	1946334B	1
12	Water Level Sensor Kit	19435982	1
13			
14	Support Water Level Sensor	—	1

Electric Box Diagram

Models: 194EMCF422A, 194EMCF530A, 194EMCH422A, 194EMCH530A



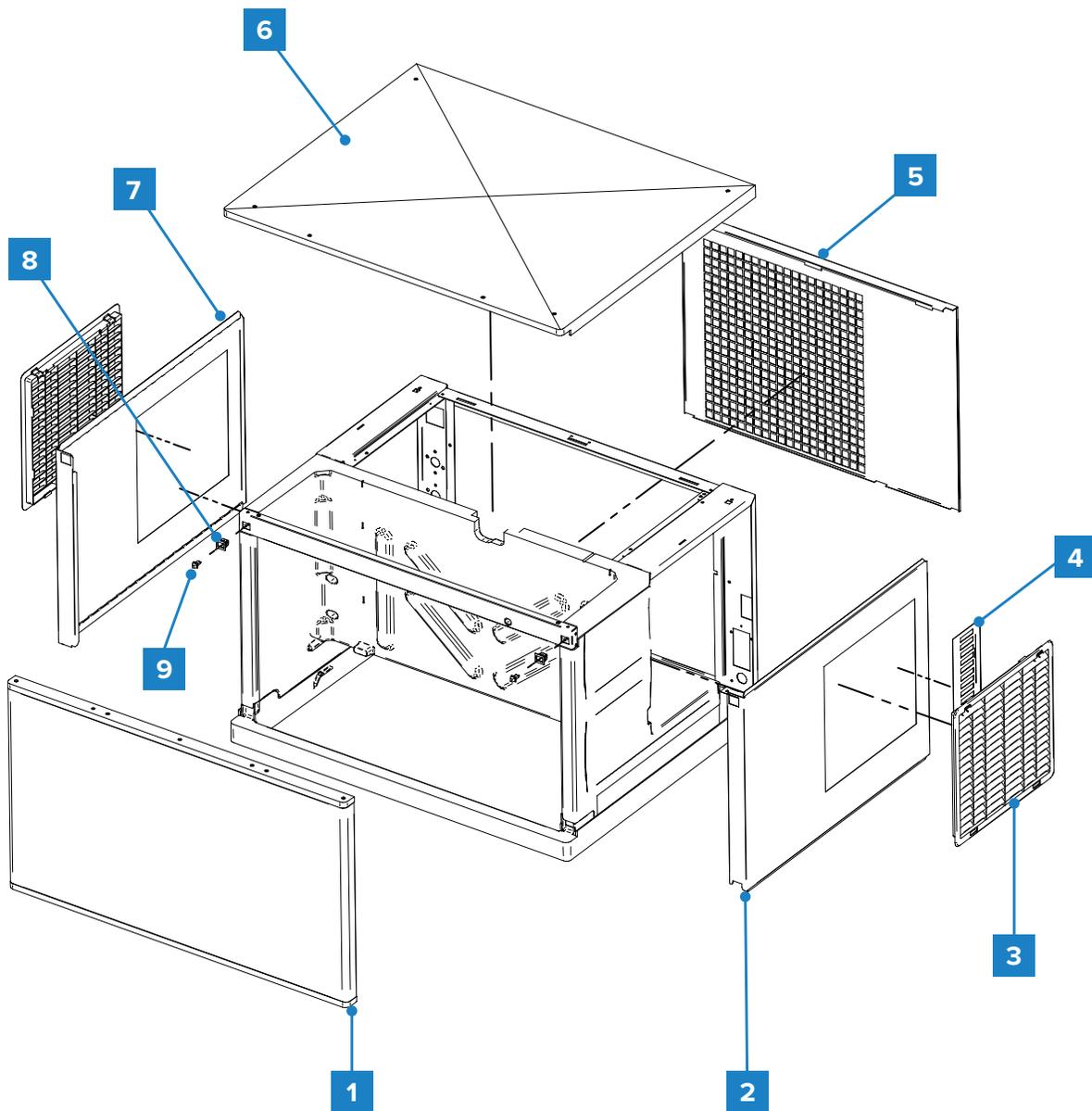
Cabinet Parts List

Models: 194EMCF422A, 194EMCF530A, 194EMCH422A, 194EMCH530A

Key	Description	Item Number	Quantity
1	Front Panel	—	1
2	Right Panel	—	1
3	Side Louver	—	2
4	Wire Protection Grill	—	1
5	Rear Panel	—	1
6	Top Panel	—	1
7	Left Panel	—	1
8	Female Panel Clip	—	2
9	Male Panel Clip	—	2

Cabinet Diagram

Models: 194EMCF422A, 194EMCF530A, 194EMCH422A, 194EMCH530A



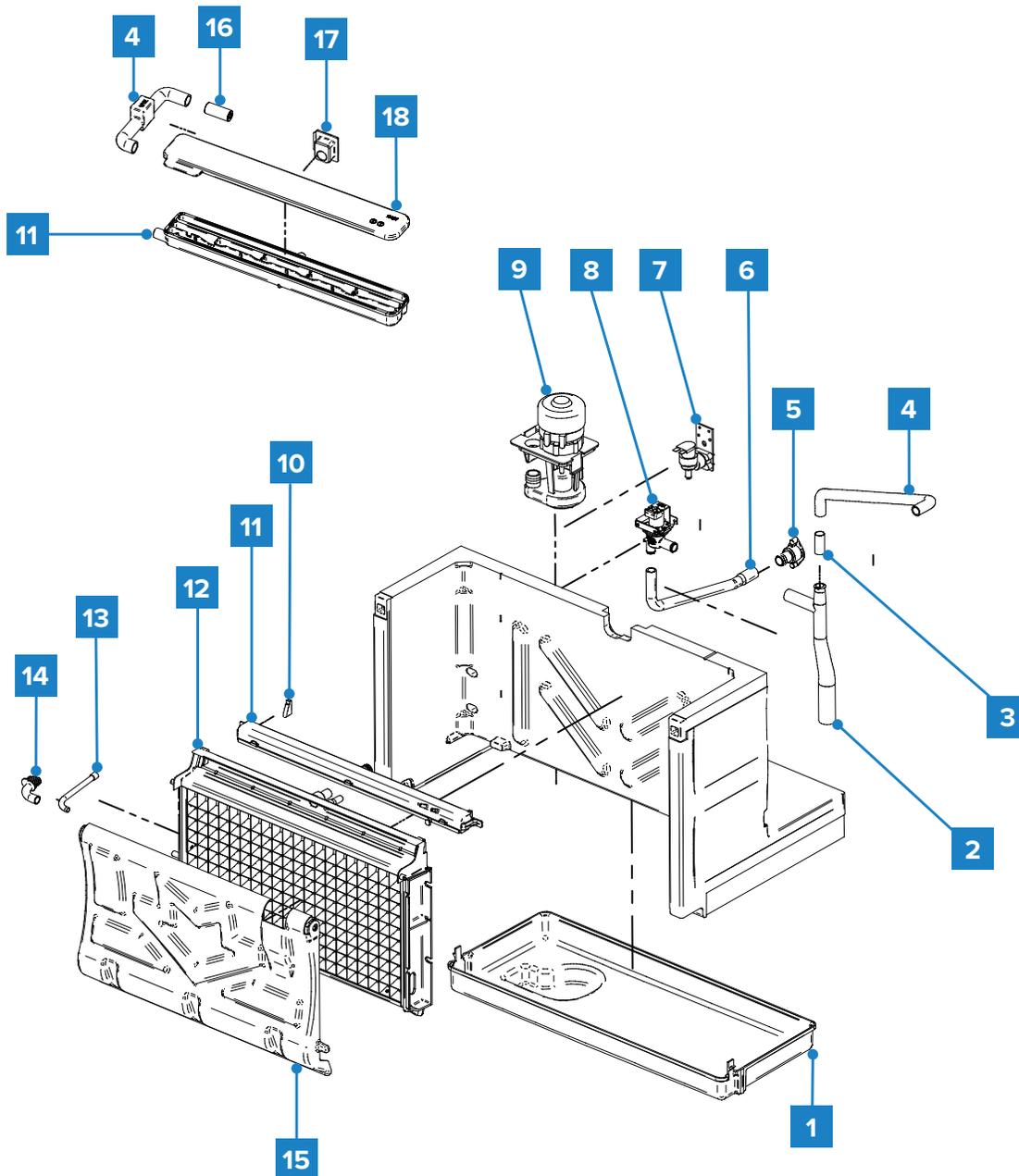
Hydraulic Parts List

Models: 194EMCF422A, 194EMCF530A, 194EMCH422A, 194EMCH530A

Key	Description	Item Number	Quantity
1	Water Bin	—	1
2	Lower Water Pump Discharge Tube	—	1
3	Water Pump Discharge Tubes Junction	—	1
4	Upper Water Pump Discharge Tube	—	1
5	Drain Fitting	19431723K	1
6A	Drain Tube for 422A	19431846	1
6B	Drain Tube for 530A	19431845	1
7	Inlet Water Valve	19431810	1
8	Water Drain	1946182	1
9	Water Pump	1946508	1
10	Distributor Joint	—	1
11	Water Distributor	—	1
12A	Full Cube Evaporator for 422A	19431947A	1
12B	Half Cube Evaporator for 422A	19431933A	1
12C	Full Cube Evaporator for 530A	1946337	1
12D	Half Cube Evaporator for 530A	1946338	1
13	Pipe	—	1
14	Pipe Protection	—	1
15	Curtain	—	1
16	Water Flow Restrictor 7 mm	—	1
17	Water Distributor Protection	—	1
18	Water Distributor Cover	—	1

Hydraulic Parts Diagram

Models: 194EMCF422A, 194EMCF530A, 194EMCH422A, 194EMCH530A



Ice Storage Bin Parts List

Models: 194EBIN40022, 194EBIN50030

Key	Description	Item Number	Quantity
1	Stock Bin	—	1
2	Top Cover Bracket	—	2
3	Rear Panel	—	1
4	Lateral Panel	—	2
5	Bin Door Hinge Set	19435978	1
6	Front Brace	—	1
7	Rivet	—	1
8	Opening Left Frame	—	1
9	Opening Right Frame	—	1
10	Screw DIN 7982	—	8
11	Silicone Protector	—	2
12	Bin Deflector	—	1
13	Knurled Screw M-5	—	5
14	Bin Door	—	1
15	Bin Cover Reinforcement	—	1
16	Bin Cover Interior Support	—	1
17	Bin Cover	—	1
18	Bin Drain Grill	—	1
19	Leg	19435988	4
20	Drain Fitting	1943683	1
21	Door Bushing	—	2
22	Bin Cover Kit	—	1

Ice Storage Bin Diagram

Models: 194EBIN40022, 194EBIN50030

