



Diamond Undercounter Ice Machines

Models: _____

194EUCF130A

194EUCF340A

194EUCH230A

194EUCF160A

194EUCH130A

194EUCH340A

194EUCF230A

194EUCH160A

Note:

Read this manual in its entirety prior to equipment setup, operation, and maintenance.

www.Avantcolce.com

Table of Contents

Air Condenser Unit Diagram	3
Air Condenser Unit Parts List.....	4
Electric Box Diagram	5
Electric Box Parts List.....	6
Cabinet Diagram.....	7
Cabinet Parts List	8
Bin & Hydraulics Diagram	9
Bin & Hydraulics Parts List	10



Intertek
4000352



Intertek
EP5024880

ENERGY
PERforMANCE VERIFIED
RENDEMENT
ÉNERGÉTIQUE VÉRIFIÉE

Conforms to UL 60335-2-89 (undercounter models)

Conforms to CSA-C22.2 No. 60335-2-89 (undercounter models)

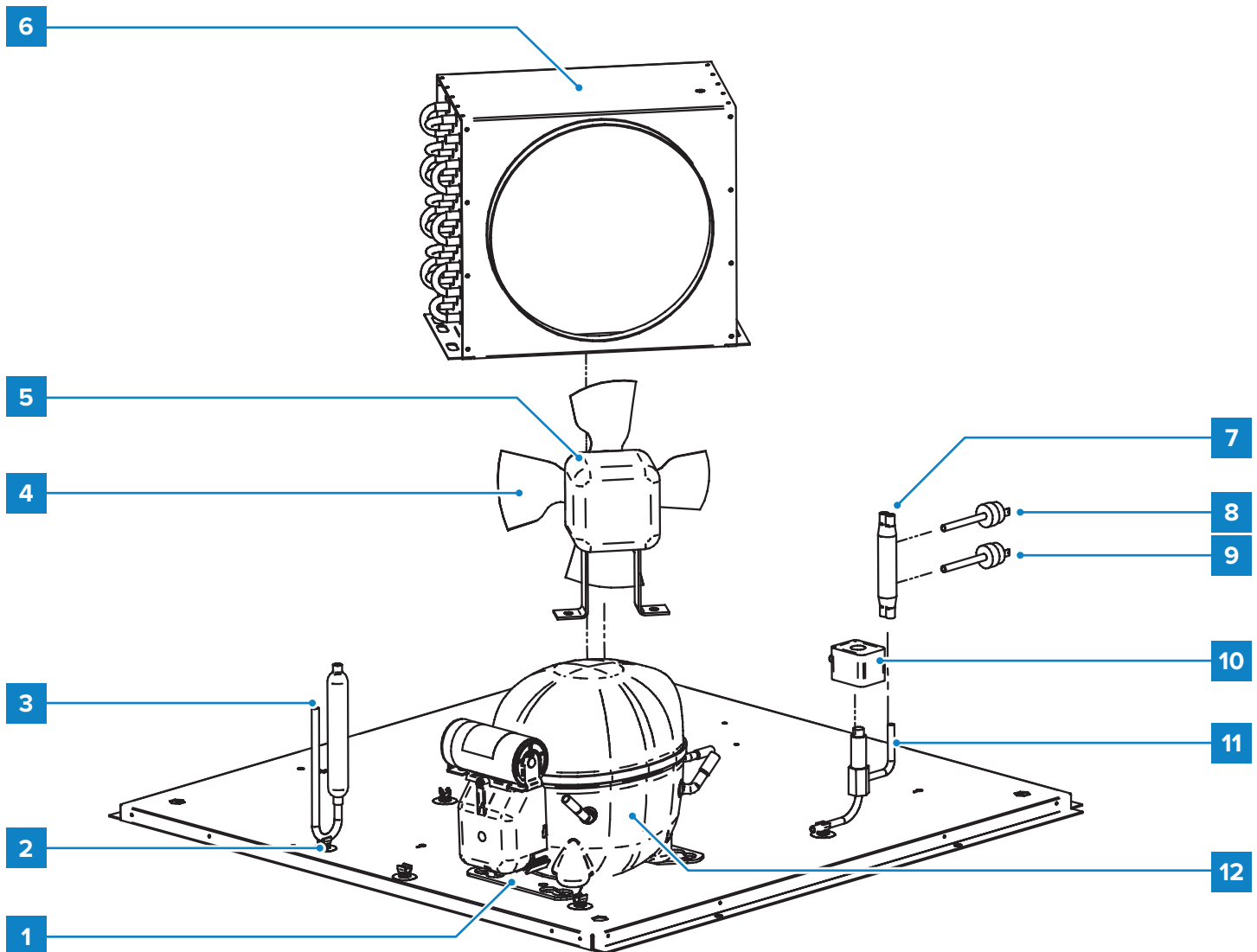
Certified to NSF/ANSI Std. 12

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 Diagram

Models: 194EUCF130A, 194EUCF160A, 194EUCF230A, 194EUCF340A, 194EUCH130A,
194EUCH160A, 194EUCH230A, 194EUCH340A



Air Condenser Unit Parts List

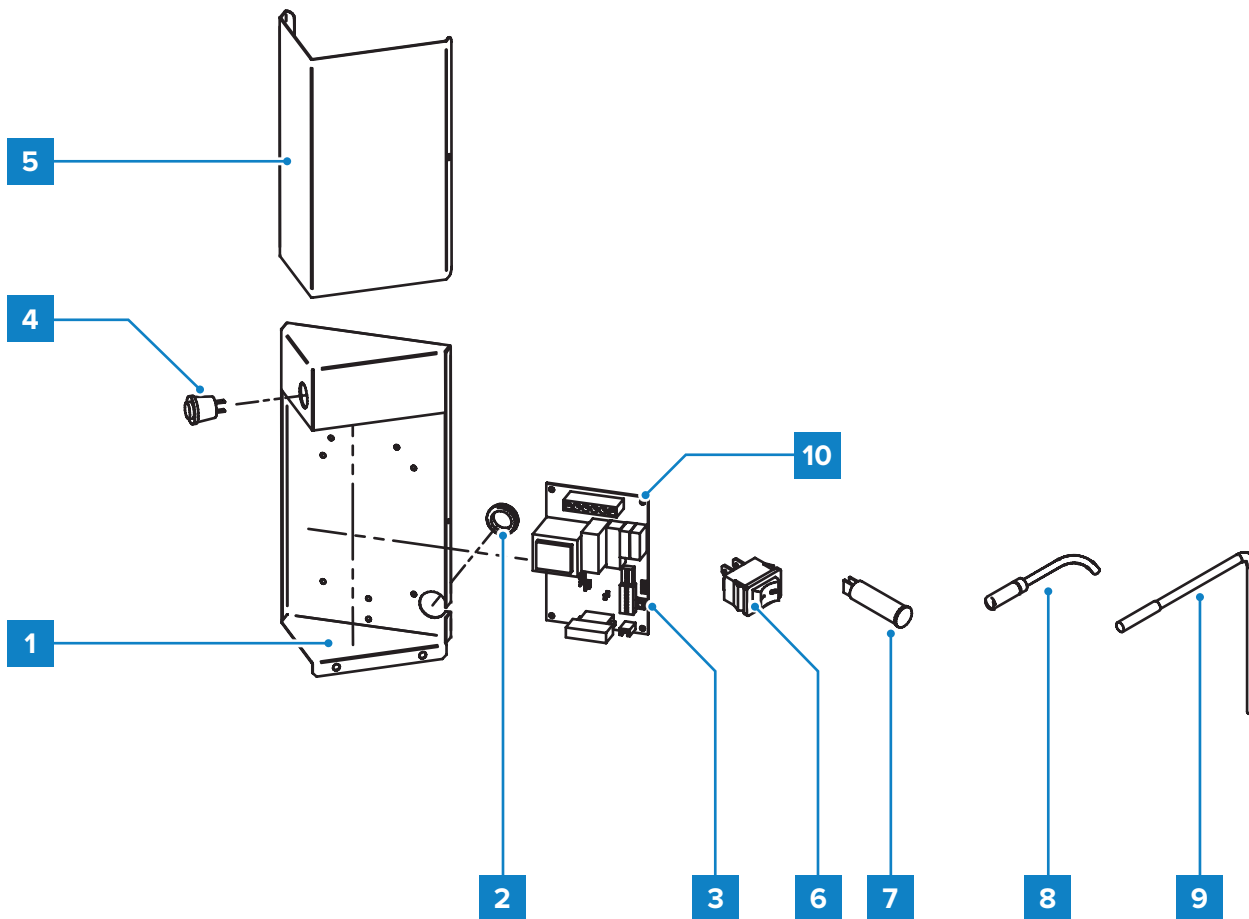
Models: 194EUCF130A, 194EUCF160A, 194EUCF230A, 194EUCF340A, 194EUCH130A, 194EUCH160A, 194EUCH230A, 194EUCH340A

Key	Description	Item #	Qty
1A	Compressor Electrical Kit for 130A	19431450EK	1
1B	Compressor Electrical Kit for 160A	19431451EK	1
1C	Compressor Electrical Kit for 230A	19431452EK	1
1D	Compressor Electrical Kit for 340A	19431454EK	1
2	Plastic Clip 1/4"	—	1
3	Filter Drier	1947896	1
4	Fan Blade	1944887	1
5	Fan Motor	1944890	1
6A	Condenser for 130A and 160A	194486A	1
6B	Condenser for 230A	194487	1

Key	Description	Item #	Qty
6C	Condenser for 340A	19432251	1
7	Pressure Switch Kit	19435979	1
8			
9			
10	Hot Gas Valve Coil	1945414	1
11A	Hot Gas Valve Body for 130A and 160A	1941468	1
11B	Hot Gas Valve Body for 230A and 340A	1941473	1
12A	Compressor for 130A	194C31450	1
12B	Compressor for 160A	194C31451	1
12C	Compressor for 230A	194C31452	1
12D	Compressor for 340A	194C31454	1

Electric Box Diagram

Models: 194EUCF130A, 194EUCF160A, 194EUCF230A, 194EUCF340A, 194EUCH130A, 194EUCH160A, 194EUCH230A, 194EUCH340A



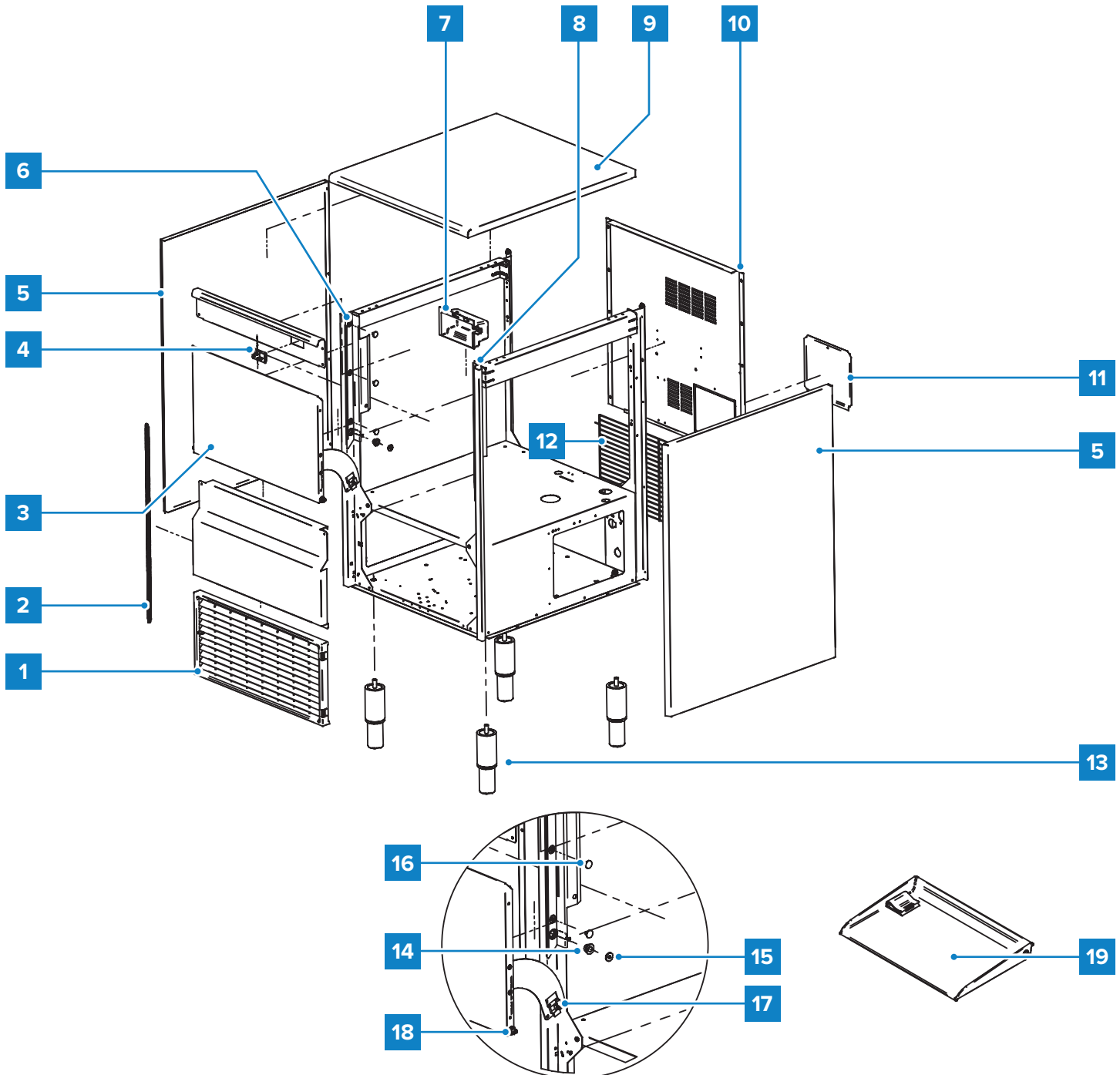
Electric Box Parts List

Models: 194EUCF130A, 194EUCF160A, 194EUCF230A, 194EUCF340A, 194EUCH130A, 194EUCH160A, 194EUCH230A, 194EUCH340A

Key	Description	Item #	Qty
1	Electric Box Support	—	1
2	Wire Channel	—	1
3	Electric Board	19430595E	1
4	Cleaning Switch	19431719	1
5	Electric Box Cover	—	1
6	Main Switch	19432416	1
7	Blue LED	19432415	1
8	Temperature Probe	19432644	1
9	Curtain Sensor	1946521A	1
10	Electronic Board Clip	—	4

Cabinet Diagram

Models: 194EUCF130A, 194EUCF160A, 194EUCF230A, 194EUCF340A, 194EUCH130A, 194EUCH160A, 194EUCH230A, 194EUCH340A



Cabinet Parts List

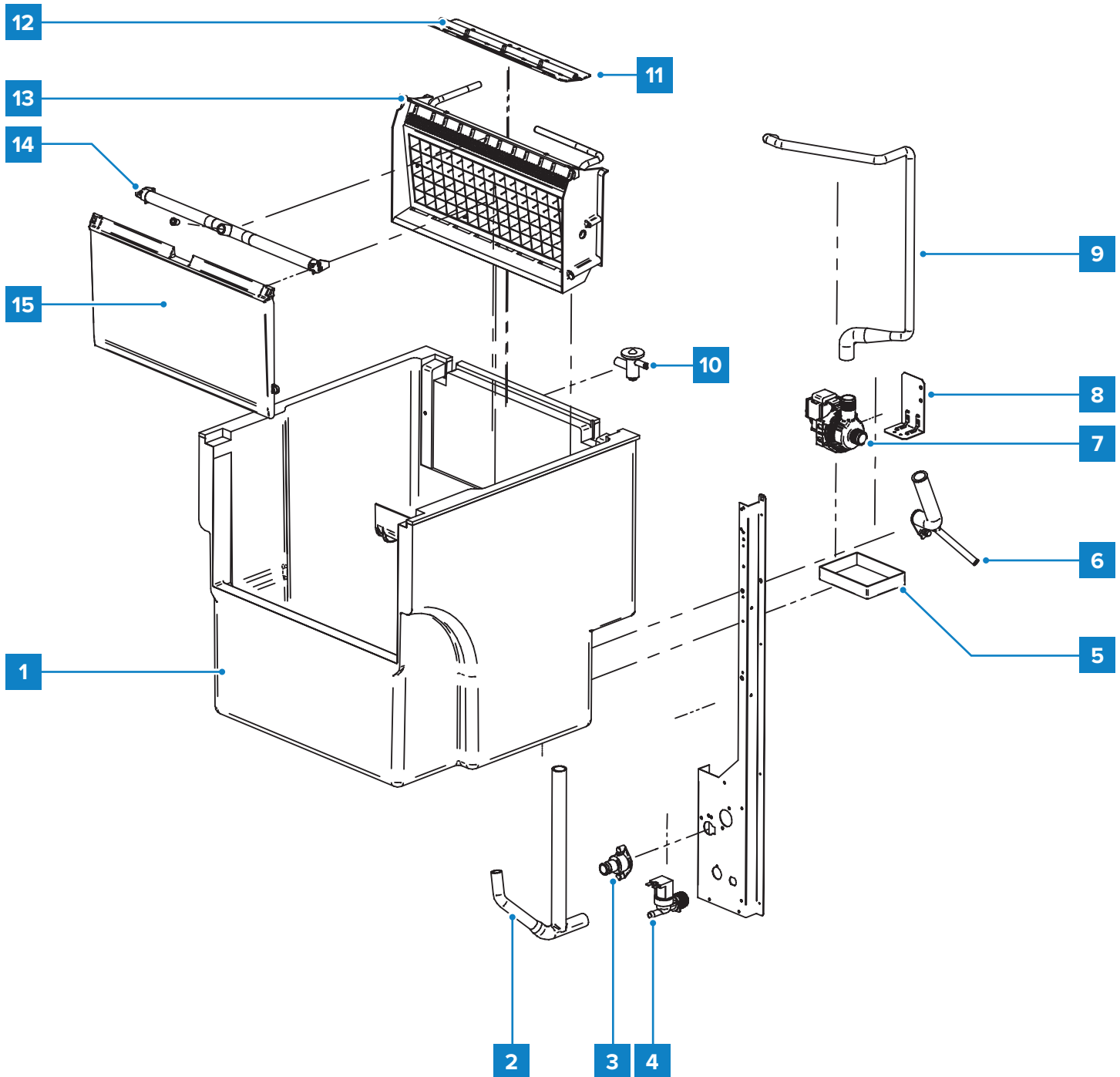
Models: 194EUCF130A, 194EUCF160A, 194EUCF230A, 194EUCF340A, 194EUCH130A, 194EUCH160A, 194EUCH230A, 194EUCH340A

Key	Description	Item #	Qty
1	Front Louver	—	1
2	Door Spring	—	1
3A	Door Assembly for 130A and 160A	1945791	1
3B	Door Assembly for 230A	1946295	1
3C	Door Assembly for 340A	1946296	1
4	Main Switch Support	—	1
5	Side Panel	—	2
6	Left Door Guard	—	1
7	Main Switch Box	19431665	1
8	Right Door Guard	—	1
9	Top Panel	—	1

Key	Description	Item #	Qty
10	Rear Cover	—	1
11	Cover Pump	—	1
12	Rear Grille	—	1
13	Leg	19435989	4
14	Door Axe Bearing	—	2
15	Door Axe Bushing	—	2
16	Clip	—	4
17	Door Bumper	—	1
18	Door Screw	—	2
19A	Drip Tray for 130A and 160A	19434856	1
19B	Drip Tray for 230A	19434857	1
19C	Drip Tray for 340A	19434860	1

Bin & Hydraulics Diagram

Models: 194EUCF130A, 194EUCF160A, 194EUCF230A, 194EUCF340A, 194EUCH130A, 194EUCH160A, 194EUCH230A, 194EUCH340A



Bin & Hydraulics Parts List

Models: 194EUCF130A, 194EUCF160A, 194EUCF230A, 194EUCF340A, 194EUCH130A, 194EUCH160A, 194EUCH230A, 194EUCH340A

Key	Description	Item #	Qty
1	Bin	—	1
2	Drain Tube	19431722	1
3	Drain Fitting	19431723K	1
4	Inlet Water Valve	19431925	1
5	Water Pump Tray	—	1
6	Water Pump Tube	1944961	1
7	Water Pump	19431982	1
8	Pump Support	—	1
9	Water Pump Discharge Tube	—	1
10A	Expansion Valve for 130A and 160A	19431521	1
10B	Expansion Valve for 230A	19431523	1
10C	Expansion Valve for 340A	19431524	1
11	Water Inlet Tube for 130A and 160A only	1946462	1
12	Water Inlet Support for 130A and 160A only	—	1
13A	Full Cube Evaporator for 130A and 160A	1946224	1

Key	Description	Item #	Qty
13B	Half Cube Evaporator for 130A and 160A	1946227	1
13C	Full Cube Evaporator for 230A	1946230	1
13D	Half Cube Evaporator for 230A	1946233	1
13E	Full Cube Evaporator for 340A	1946236A	1
13F	Half Cube Evaporator for 340A	1946239A	1
14A	Water Distribution Assembly for 130A and 160A	19430041	1
14B	Water Distribution Assembly for 230A	19430039	1
14C	Water Distribution Assembly for 340A	19430040	1
15A	Water Curtain Assembly for 130A and 160A	1946095B	1
15B	Water Curtain Assembly for 230A	1946093A	1
15C	Water Curtain Assembly for 340A	194094AK	1