



Manitowoc®

Parts Manual

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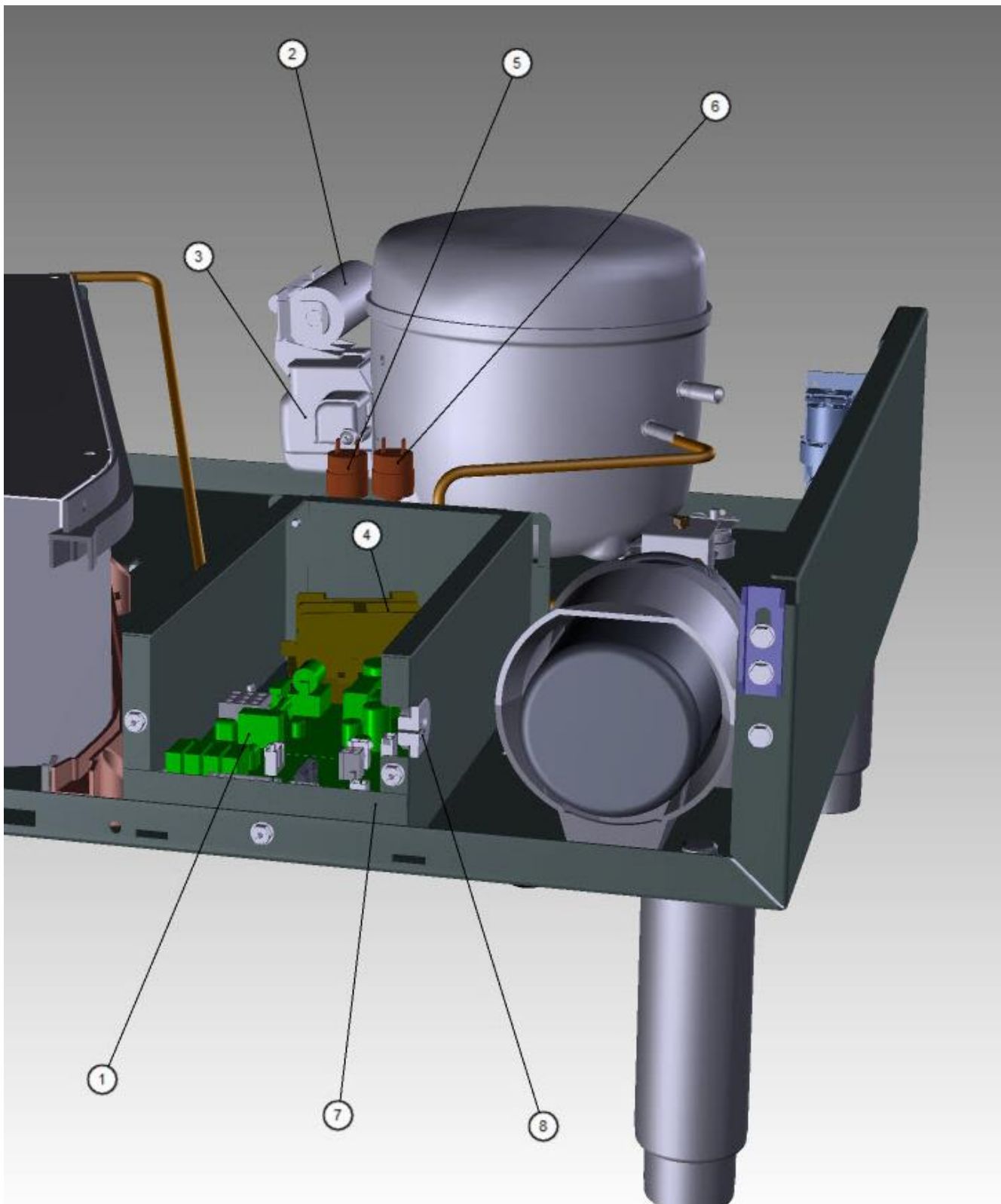
For more Parts Information:
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UP0310 with Water Filter

UP0310 - Control Box



UP0310 - Control Box

UP0310 with Water Filter

UP0310 - Control Box

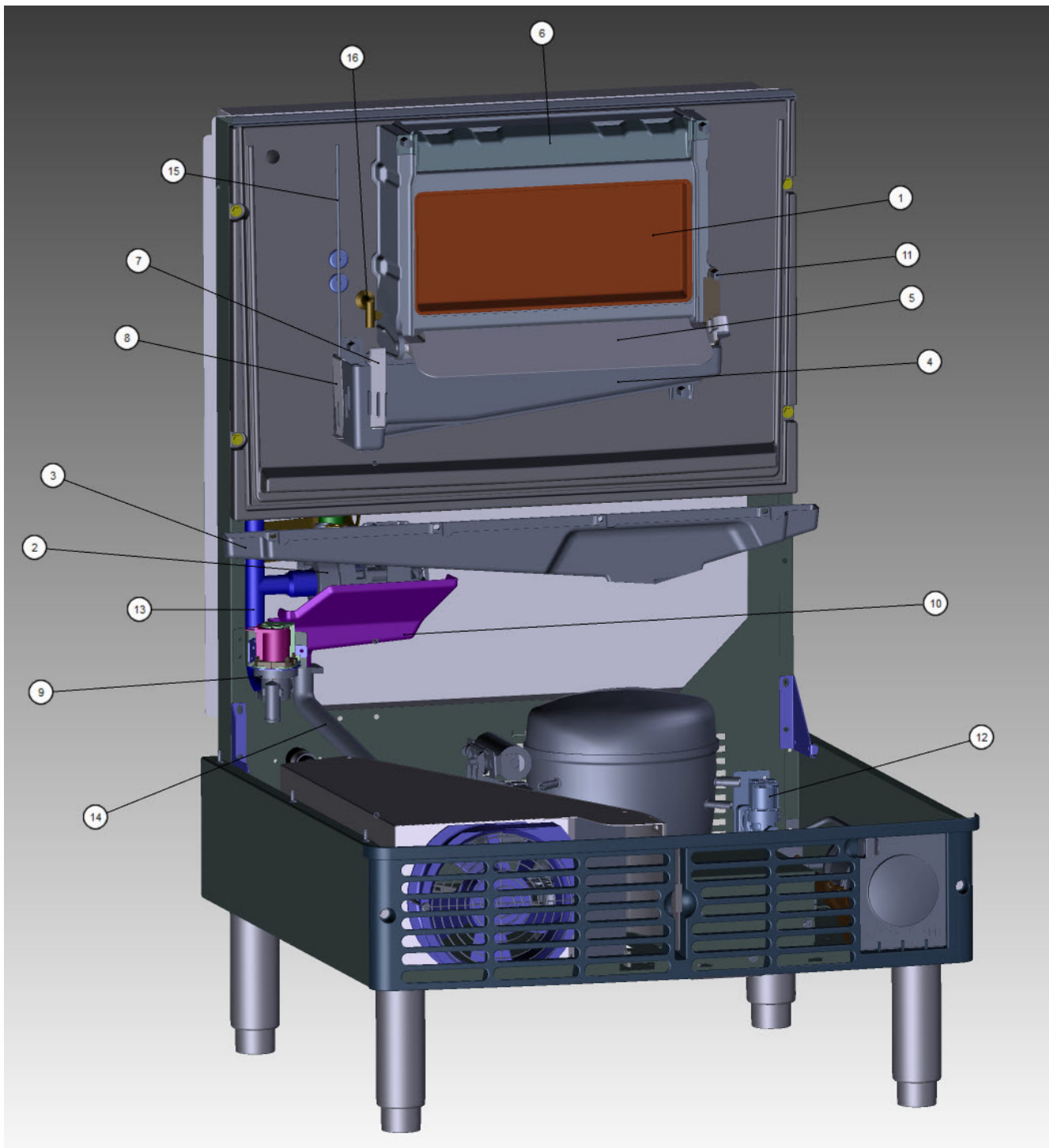
#	PART #	DESCRIPTION	QTY	Note
1	000018595	Control Board Assembly		[1]
1a	000015010	Fuse - 3.15A		
1b	4302253	Control Board Mounting Supports		
2,3		Start Components Listed with Compressors		
4		Contactors		
4a	2006569	Contactor - 115V/60 Hz/1 Ph		
4c	2006579	Contactor - 230V/50-60 Hz/1 Ph		
5	000013577	High Pressure Cut-out - 250-350 psig - R290		
6	000013507	Fan Cycling Control - 150-200 psig - R290		
7		Control Box		
7a	000017955	Cover - Control Box		
7b	000017953	Back - Control Box		
7c	000017954	Sides & Bottom - Control Box		
7d	5202329	Screw - #10-24 x 0.25" PHIL		
7e	5573209	Star Washer		
8	040006595	Protection Grommet		
9	2502283	Strain Relief		
10	000018598	Caps - Access Valves (Brass)		
11		Wiring Harness		
11a	040009168	Wiring Harness - Air-cooled		
11b	040009169	Wiring Harness - Water-cooled		
11c	000018010	Wiring Harness - Control Board to Extension		
11d	000017884	Wiring Harness - Extension to Membrane		
11e	040002052	Wiring Harness - Control Board to Sensors		
11f	040009511	Wiring Harness - Compressor - 60 Hz		
12		Power Cord		
12a	2006863	Power Cord - 115V/60 Hz		
12b	2033023	Power Cord - 230V/50-60 Hz		
12c	040005840	Power Cord - Flat Blades (AUS)		

PART NOTES:

[1] - Includes board and instructions.

UP0310 with Water Filter

UP0310 - Evaporator Components



UP0310 - Evaporator Components

UP0310 with Water Filter

UP0310 - Evaporator Components

#	PART #	DESCRIPTION	QTY	Note
1		Evaporators		
1a	000011554	Evaporator - Regular Cube		
1b	000011553	Evaporator - Dice Cube		
1c	000011552	Evaporator - Half Dice Cube		
2		Water Pumps		
2a	040010195	Water Pump - 115V/60 Hz		[1]
2b	040010194	Water Pump - 230V/60 Hz		
2c	040010196	Water Pump - 230V/50 Hz		
2d	040003303	Water Pump Flow Restrictor		[2]
3	040006450	Rear Trough - NEO		
4	040004058	Water Trough - NEO		[3]
4a	040002014	Fitting - Water Trough		
4b	040003588	Mylar Shield - Water Trough		
4c	040001217	Thumbscrew - #8-32 x 0.625"		
4d	000018772	O-rings - 0.8" x 0.07" (package of 10)		
5	000011555	Ice Damper		
6	000009075	Water Distribution Cover		
7	040001783	Ice Thickness Float Switch		
7a	040004206	Bracket - Ice Thickness Float Switch		
8	040002396	Harvest Float Switch		
8a	040003386	Bracket - Float Switch		
9		Water Dump Valve		
9a	000014062	Water Dump Valve - 115V/60 Hz		
9b	000014063	Water Dump Valve - 208-230V/50-60 Hz		
10	040005680	Drain Sink - Water Pump		
11	040002393	Magnetic Bin Switch		
12		Water Inlet Valves		
12a	000017958	Water Inlet Valve - 115V/60 Hz		[4]
12b	000017959	Water Inlet Valve - 230V/50-60 Hz		[4]
12c	040003998	Mylar Shield		
12d	000017964	Water Line - Water Inlet Valve to Filter - 30.0"		
12e	000017965	Water Line - Water Filter to Fill Tube - 30.0"		
13	040003515	Trough Tube (connects water trough to water pump & dump valve)		
14	040007040	Drain Tube (connects drain sink, dump valve and bin)		[5]
15	040002011	Water Tube (water pump to evaporator)		
15a	040009486	Insulation - Water Tube - 1.3" x 0.25" x 21.7"		
16	040009317	Water Adapter Assembly		
17	040003541	Drain Tube Bracket		
19	040001217	Thumbscrew - #8-32 x 0.625"		
20	5202069	Screw - #10-24 x 0.5" HEX		
21	000009053	Evaporator Side Damper Mount		
22	040002879	Bracket - Water Dump Valve		
23		Water Pump Mounting - See Notes for Details		
23a	040006397	Bracket - Water Pump		[6]
23b	040006396	Adapter Bracket - Water Pump		[6]
23a	040005607	Adapter Bracket - Water Pump		[7]

UP0310 - Evaporator Components

UP0310 with Water Filter

UP0310 - Evaporator Components

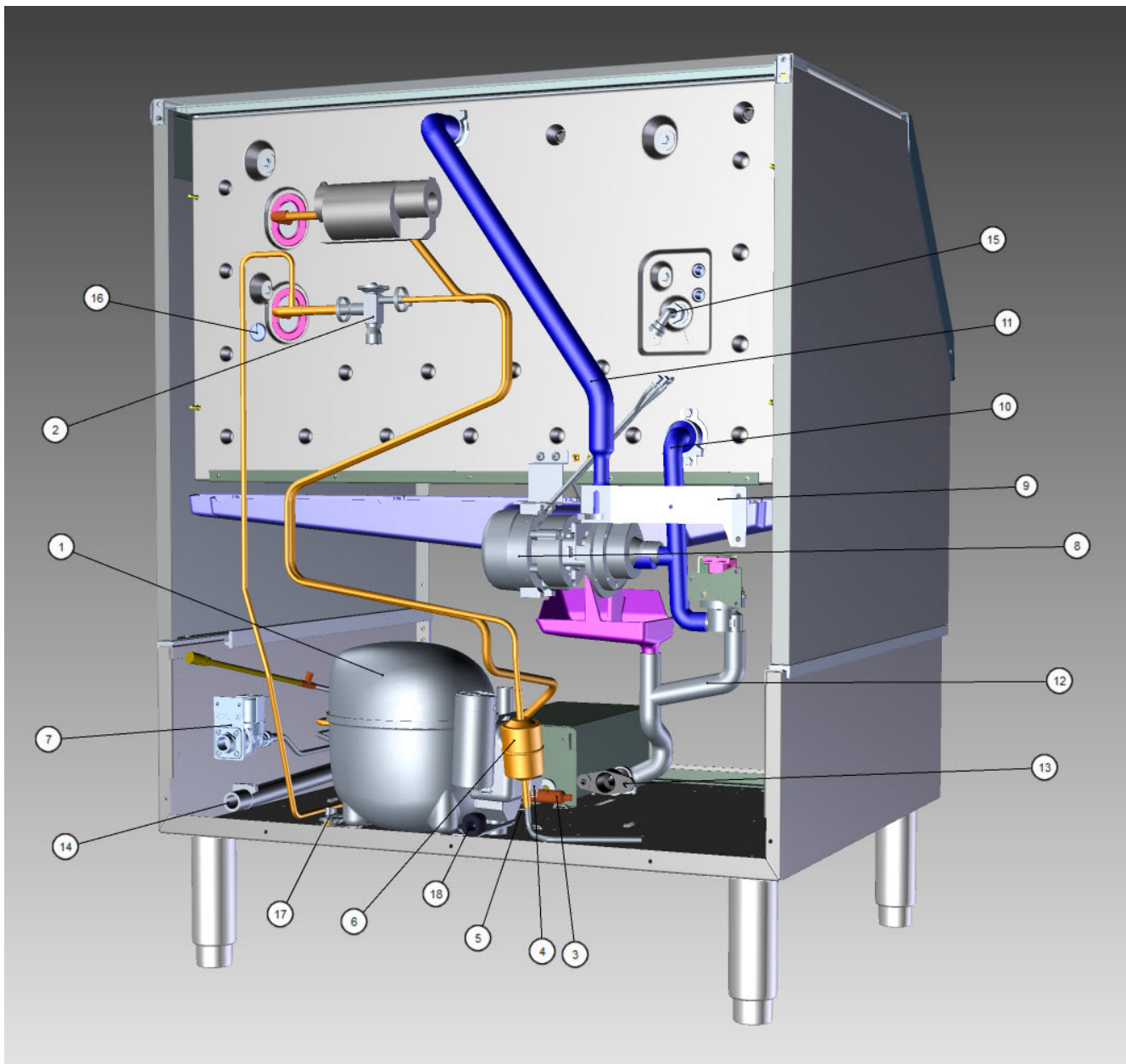
#	PART #	DESCRIPTION	QTY	Note
23c	040006398	Bracket - Water Pump		[7]
24	000005423	Female Wing Adapter - 0.5"		
25	5650649	Snap Clamp - 0.75" - Nylon		
26	5650709	Snap Clamp - 0.8" x 0.9" ID		
27	000015586	Thermistor Kit		[8]
28	040007246	Drain Cover		

PART NOTES:

- [1] - Brackets Sold Separately
- [2] - Used on Dice Half-Dice Models
- [3] - Includes bracket float switch low, water trough, float switch bracket and o-rings.
- [4] - Connection Size - 3/8" FPT
- [5] - (connects drain sink, dump valve and bin)
- [6] - Used on 230V Models
- [7] - Used on 115V Models
- [8] - Includes mounting base, thermistor harness, thermistor bracket, thermistor and cable ties.

UP0310 with Water Filter

UP0310 - Refrigeration Components



UP0310 - Refrigeration Components

UP0310 with Water Filter

UP0310 - Refrigeration Components

#	PART #	DESCRIPTION	QTY	Note
1		Compressors		
1a	040009121	Compressor - 115V/60 Hz/1 Ph		
1b	040009636	Compressor - 230V/60 Hz/1 Ph		
1c	040006736	Compressor - 220-240V/50-60 Hz		
1ca	040006761	Overload - 230V/50 Hz/1 Ph		
1cb	040006762	Start Relay - 230V/50 Hz/1 Ph		
1d	040009607	Electrical Box with Start Components - 115V/60 Hz/1 Ph		[1]
1e	040009641	Electrical Box with Start Components - 230V/60 Hz/1 Ph		[1]
2	000018594	Expansion Valve		
2a	3000833	Strap - Expansion Valve Bulb - 0.375"		
2b	040005366	Valve Insulation Boot - Body		
2c	4007203	Valve Insulation Boot - Bulb		
3	040007601	Manifold Strainer		
4	000013577	High Pressure Cut-out - 250-350 psig - R290		
5	000013507	Fan Cycling Control - 150-200 psig - R290		
6	8930259	Drier without Access Port - 0.25"		
7a	000017958	Water Inlet Valve - 115V/60 Hz		[2]
7b	000017959	Water Inlet Valve - 230V/50-60 Hz		[2]
8a	040010195	Water Pump - 115V/60 Hz		[3]
8b	040010194	Water Pump - 230V/60 Hz		
8c	040010196	Water Pump - 230V/50 Hz		
9		Water Pump Mounting - See Notes for Details		
9a	040006397	Bracket - Water Pump		[4]
9c	040006398	Bracket - Water Pump		[5]
9b	040006396	Adapter Bracket - Water Pump		[4]
9d	040005607	Adapter Bracket - Water Pump		[5]
10	040003515	Trough Tube (connects water trough to water pump & dump valve)		
10a	5650663	Snap Clamp - 1.218" x 1.4"		
11	040002011	Water Tube (water pump to evaporator)		
11a	040009486	Insulation - Water Tube - 1.3" x 0.25" x 21.7"		
11b	5650539	Snap Clamp - 1.123" x 1.296"		
11c	5005109	Drain Line Clamp		
12	040007040	Drain Tube (connects drain sink, dump valve and bin)		[6]
13	000005423	Female Wing Adapter - 0.5"		[7]
14	000017966	Bin Drain Tube		
14a	5650649	Snap Clamp - 0.75" - Nylon		
14b	8706103	Female Wing Adapter - Brass - 0.5" NPT x 0.375" ODF		[8]
15	040009317	Water Adapter Assembly		
16	040002382	Wire Bushing		
17		Compressor Mounting		
17a	040005640	Mounting - Rubber Grommet		
17b	040005641	Mounting - Sleeve		
18	2512043	Strain Relief - Power Cord		
19		Harvest Valve		
19a	040008541	Harvest Valve with Coil - 115V/60 Hz/1 Ph		
19b	040000101	Harvest Valve Coil Only -115V/60 Hz/1 Ph		

UP0310 - Refrigeration Components

UP0310 with Water Filter

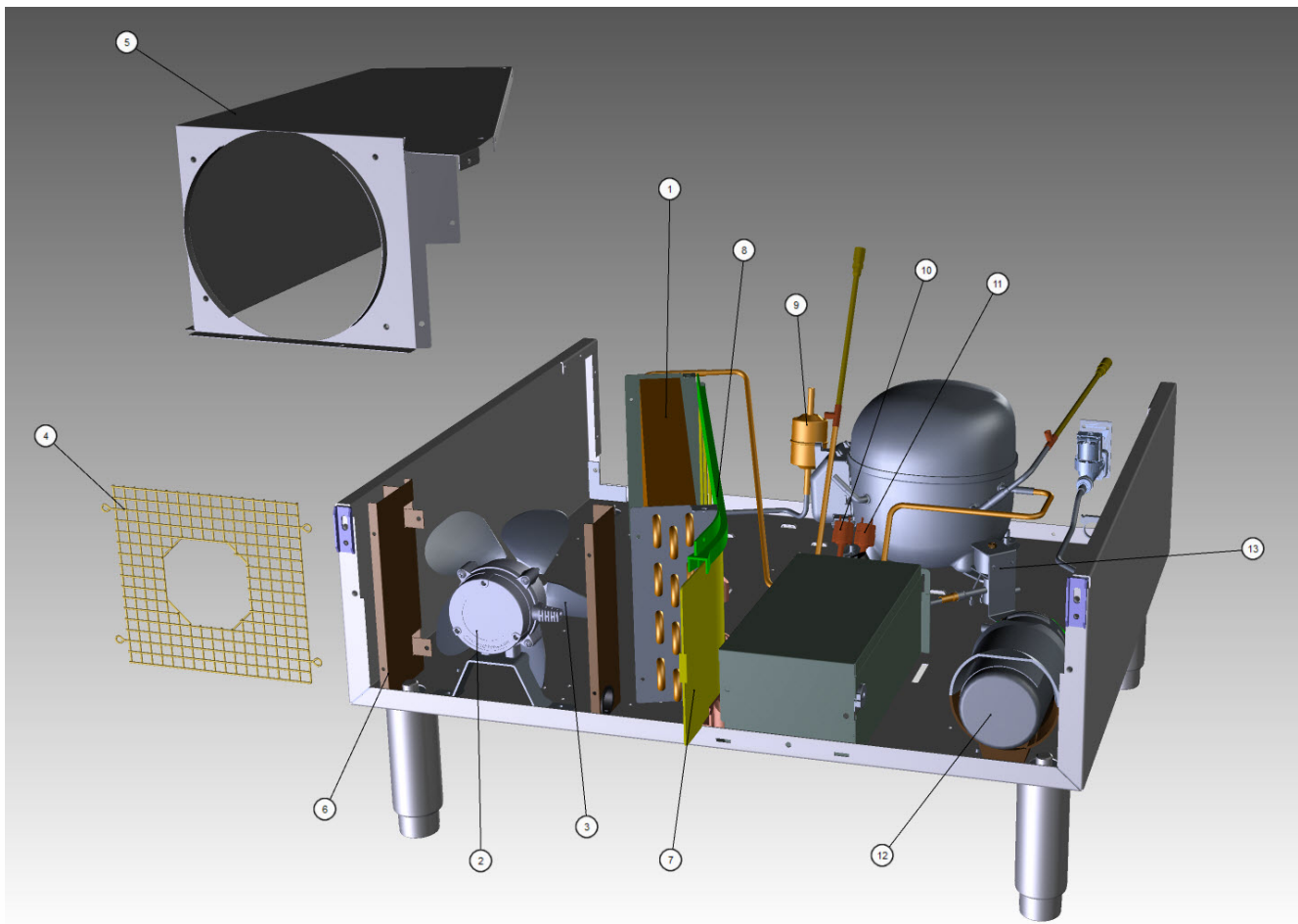
UP0310 - Refrigeration Components

#	PART #	DESCRIPTION	QTY	Note
19c	040008540	Harvest Valve with Coil - 230V/50-60 Hz/1 Ph		
19d	040000103	Harvest Valve Coil Only - 230V/50-60 Hz/1 Ph		
19e	040002442	Bracket - Valve		
20	000018598	Caps - Access Valves (Brass)		
20a	7626843	Valve Cores		
21	K00454	LuminIce II - Bulb		
22	040002014	Fitting - Water Trough		
22a	000018772	O-rings - 0.8" x 0.07" (package of 10)		
23	000017964	Water Line - Water Inlet Valve to Filter - 30.0"		
24	000017965	Water Line - Water Filter to Fill Tube - 30.0"		
25	040002847	Terminal Cover		
26	040003428	Terminal Adapter		
27	5202069	Screw - #10-24 x 0.5" HEX		

PART NOTES:

- [1] - Includes start capacitor, run capacitor, start relay, external electrical connection, box screw
- [2] - Connection Size - 3/8" FPT
- [3] - Brackets Sold Separately
- [4] - Used on Air-cooled 230V Models
- [5] - Used on Air-cooled 115V and Water-cooled 115V 230V Models
- [6] - (connects drain sink, dump valve and bin)
Before SN 310509155
- [7] - Ice Making Water Drain 1/2" (13 mm) FPT
- [8] - Bin Drain 1/2" (13 mm) FPT

UP0310 - Air-cooled Components



UP0310 - Air-cooled Components

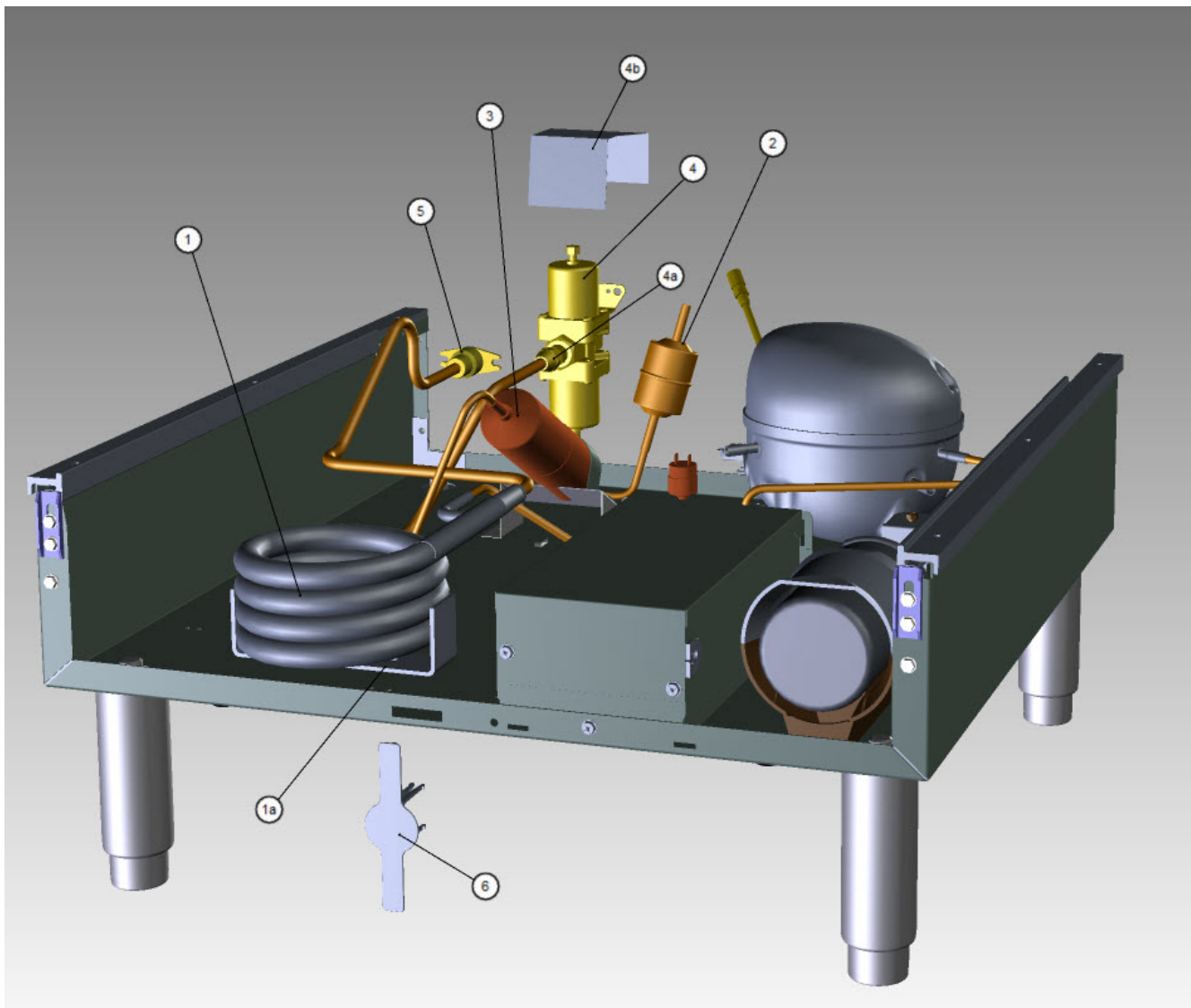
UP0310 with Water Filter

UP0310 - Air-cooled Components

#	PART #	DESCRIPTION	QTY	Note
1	000017899	Air Condenser		
2		Fan Motors		
2a	000018122	Fan Motor - 115V/60 Hz/1 Ph		
2b	000018123	Fan Motor - 230V/50-60 Hz/1 Ph		
2d	040002465	Fan Bracket		
2e	5202329	Screw - #10-24 x 0.25" PHIL		
3	2416253	Fan Blade		
4	040005768	Fan Guard		
4a	5202069	Screw - #10-24 x 0.5" HEX		
5	000017731	Fan Shroud		
5a	5202069	Screw - #10-24 x 0.5" HEX		
6		Air Baffle - Two Pieces		
6a	040005766	Air Baffle - LH		
6b	040005767	Air Baffle - RH		
7	000017729	Air Filter		
8		Air Filter Track - Two Pieces		
8a	000017725	Top Track - Air Filter		
8b	000017724	Bottom Track - Air Filter		
9	8930259	Drier without Access Port - 0.25"		
10	000013577	High Pressure Cut-out - 250-350 psig - R290		
10a	7626843	Valve Cores		
11	000013507	Fan Cycling Control - 150-200 psig - R290		
12		Replacement Water Filters - See Sales Price List		
13		Harvest Valve - See Refrigeration Compartment		

UP0310 with Water Filter

UP0310 - Water-cooled Components



UP0310 - Water-cooled Components

UP0310 with Water Filter

UP0310 - Water-cooled Components

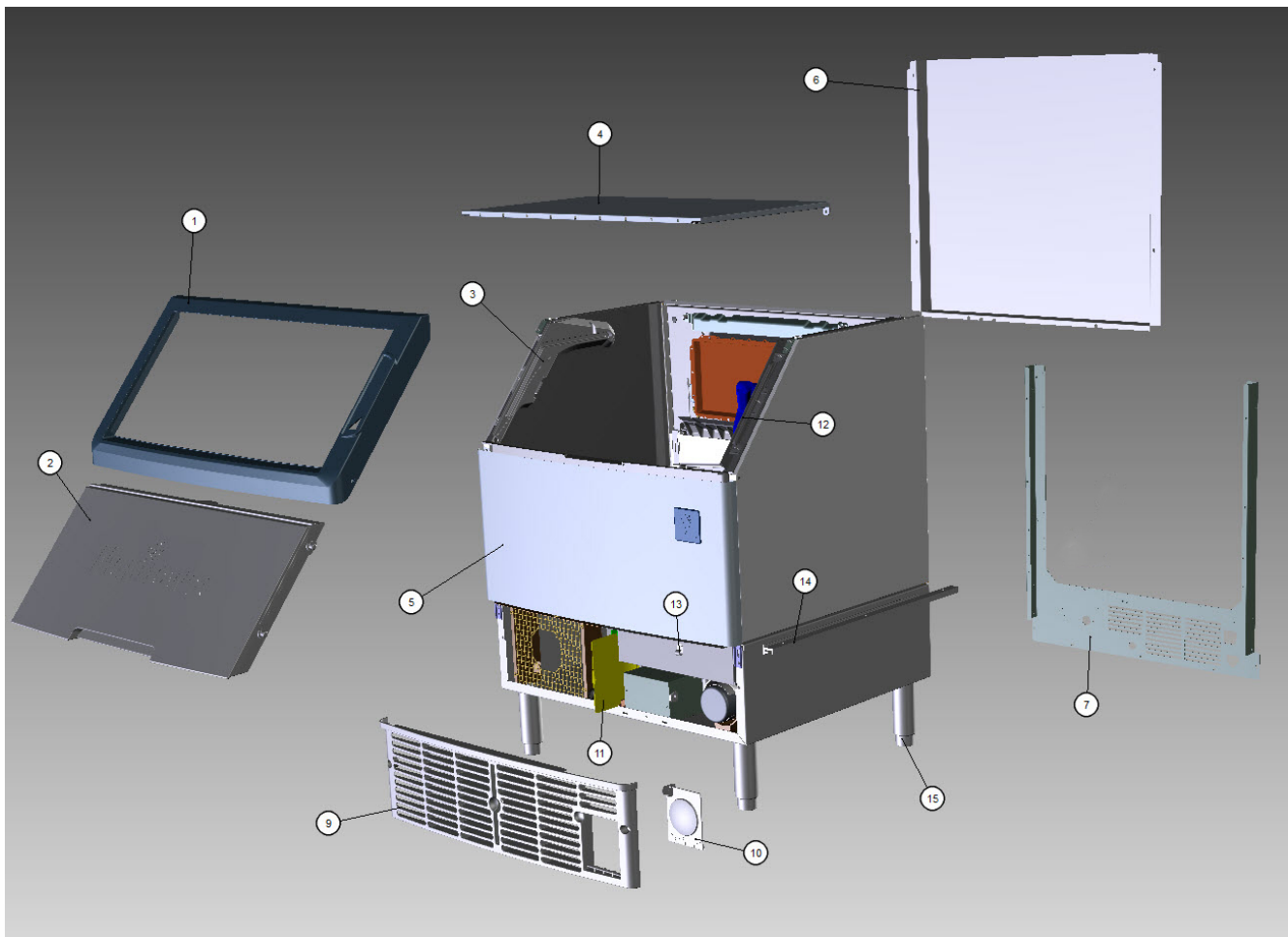
#	PART #	DESCRIPTION	QTY	Note
1	000000045	Water-cooled Condenser		
2	8930259	Drier without Access Port - 0.25"		
3	000008892	Receiver		
3a	040002904	Bracket - Receiver		
3b	040002045	Strap - Receiver		
4	040002912	Water Regulating Valve		
4a	5002193	Fitting - Water Regulating Valve		
4b	8332023	Coupling - 0.375" MF x 0.375" NPT Brass		
4c	040003385	Mylar Shield		
5	8706103	Female Wing Adapter - Brass - 0.5" NPT x 0.375" ODF		[1]
6	000017805	Air Filter Closure - Water-cooled Only		

PART NOTES:

[1] - Condenser Water Drain

UP0310 with Water Filter

UP0310 - Panels



UP0310 with Water Filter

UP0310 - Panels

#	PART #	DESCRIPTION	QTY	Note
1	000018597	Door Frame with Touch Pad		
2	040010179	Bin Door		
3	040004329	Door Track Assembly - Left & Right		[1]
4	040010185	Top Cover Assembly		
4a	040003667	Bracket - Top Cover		
5	040010175	Cabinet Assembly		
6	040010181	Back Panel - Upper		
7	040010183	Back Panel - Lower		
8	040002413	Bulkhead Gasket (seals bulkhead to bin)		
9	000017721	Front Lower Louvered Panel (grill)		
9a	040003306	U-Clip		
10	000017722	Water Filter Door		
10a	000017957	Top Support - Water Filter		
10b	000017723	Bottom Support - Water Filter		
10c	040009369	Manifold - Water Filter		
11	000017729	Air Filter		
12	040002930	Ice Scoop - Small - 22 ounces		
12a	040002033	Holder - Ice Scoop		
13	5650039	Nylon Cable Clamp		
13a	5202069	Screw - #10-24 x 0.5" HEX		
14		Brackets - Cabinet Track		
14a	040001773	Bracket - Cabinet Track - Right		
14b	040001774	Bracket - Cabinet Track - Left		
15		Legs - Refer to Sales Price List		
16		Brackets - Side Panel		
16a	040003312	Bracket - Side Panel - Right		
16b	040003314	Bracket - Side Panel - Left		
17		Brackets - Door Track		
17a	040002046	Bracket - Door Track - Right		
17b	040002047	Bracket - Door Track - Left		
17c	5202099	Screw - #10-24 x 0.5" PHIL		
19	040005813	Cartoning		

PART NOTES:

[1] - Includes left and right door tracks and door stop bumper.