



Manitowoc®

Parts Manual

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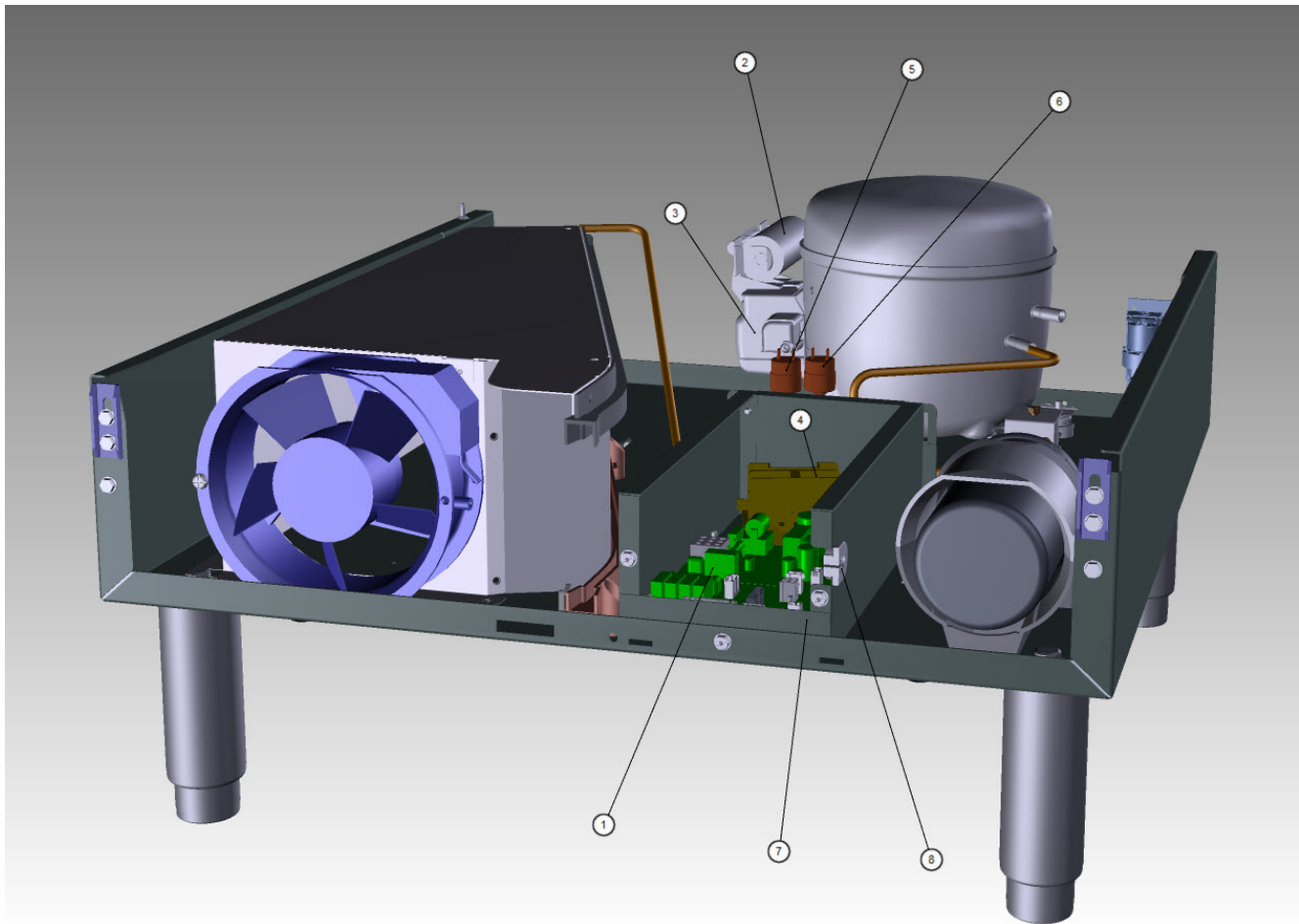
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UP0190 with Water Filter

UP0190 - Control Box



UP0190 with Water Filter

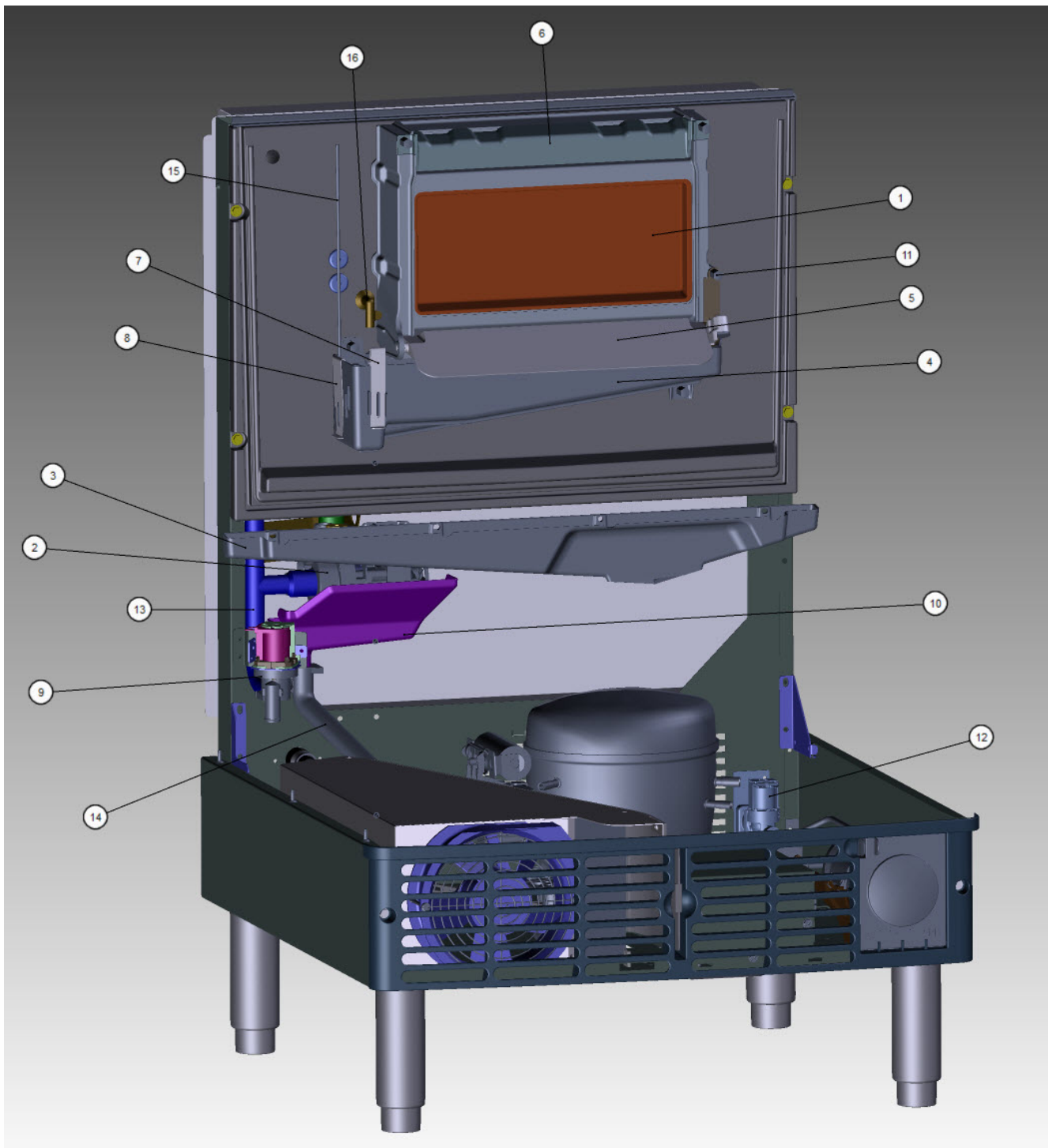
UP0190 - Control Box

#	PART #	DESCRIPTION	QTY	Note
1	000018595	Control Board Assembly		[1]
1a	000015010	Fuse - 3.15A		
2,3		Start Components Listed with Compressors		
4		Contactor		
4a	2006569	Contactor - 115V/60 Hz/1 Ph		
4b	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	4302253	Control Board Mounting Supports		
7e	5202329	Screw - #10-24 x 0.25" PHIL		
7f	5573209	Star Washer		
8	040006595	Protection Grommet		
9	2502283	Strain Relief		
10	000018598	Caps - Access Valves (Brass)		
11		Wiring Harness		
11a	040009166	Wiring Harness - Air-cooled		
11b	000018010	Wiring Harness - Control Board to Extension		
11c	000017884	Wiring Harness - Extension to Membrane		
11d	040002052	Wiring Harness - Control Board to Sensors		
12		Power Cord		
12a	2006863	Power Cord - 115V/60 Hz		
12b	2033023	Power Cord - 230V/50-60 Hz		
12c	2006873	Power Cord - 230V/60 Hz		
12d	040005840	Power Cord - Flat Blades (AUS)		
13	040006596	Grommet - R290- Control Box Back Panel	2	

PART NOTES:

[1] - Includes board and instructions.

UP0190 - Evaporator Compartment



UP0190 - Evaporator Compartment

UP0190 with Water Filter

UP0190 - Evaporator Compartment

#	PART #	DESCRIPTION	QTY	Note
1		Evaporator Assembly		
1a	000011554	Evaporator - Regular Cube		
1b	000011553	Evaporator - Dice Cube		
1c	000011552	Evaporator - Half Dice Cube		
2		Water Pump		
2a	040010193	Water Pump - 115V/60 Hz		[1]
2b	040010196	Water Pump - 230V/50 Hz		
2c	040003303	Water Pump Flow Restrictor		
3	040006449	Rear Trough - NEO/KP		
4	040004058	Water Trough - NEO		[2]
4a	040002014	Fitting - Water Trough		
4b	040001217	Thumbscrew - #8-32 x 0.625"		
4c	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		
9c	040001995	Bracket - Water Dump Valve		
10	040006053	Drain Sink - Water Pump		
11	040002393	Magnetic Bin Switch		
12		Water Inlet Valve		
12a	000017958	Water Inlet Valve - 115V/60 Hz		[3]
12b	000017959	Water Inlet Valve - 230V/50-60 Hz		[3]
12c	040003385	Mylar Shield		
12d	000017670	Water Line - Water Inlet Valve to Filter - 26.0"		
12e	000017824	Water Line - Water Filter to Fill Tube - 26.0"		
13	040002012	Tube - Water Trough to Water Pump to Dump Valve		[4]
13a	040002011	Water Tube (water pump to evaporator)		[5]
14	040007039	Drain Tube		
15	000015574	Thermistor		
15a	000015586	Thermistor Kit		[6]
16	040009317	Water Adapter Assembly		
17	000009053	Evaporator Side Damper Mount		
18		Water Pump Mounting		
18a	040006396	Adapter Bracket - Water Pump		
18b	040006395	Bracket - Water Pump		
19	000005423	Female Wing Adapter - 0.5"		
20	5650649	Snap Clamp - 0.75" - Nylon		
21	5650709	Snap Clamp - 0.8" x 0.9" ID		
22	5202069	Screw - #10-24 x 0.5" HEX		
23	040007246	Drain Cover		

UP0190 - Evaporator Compartment

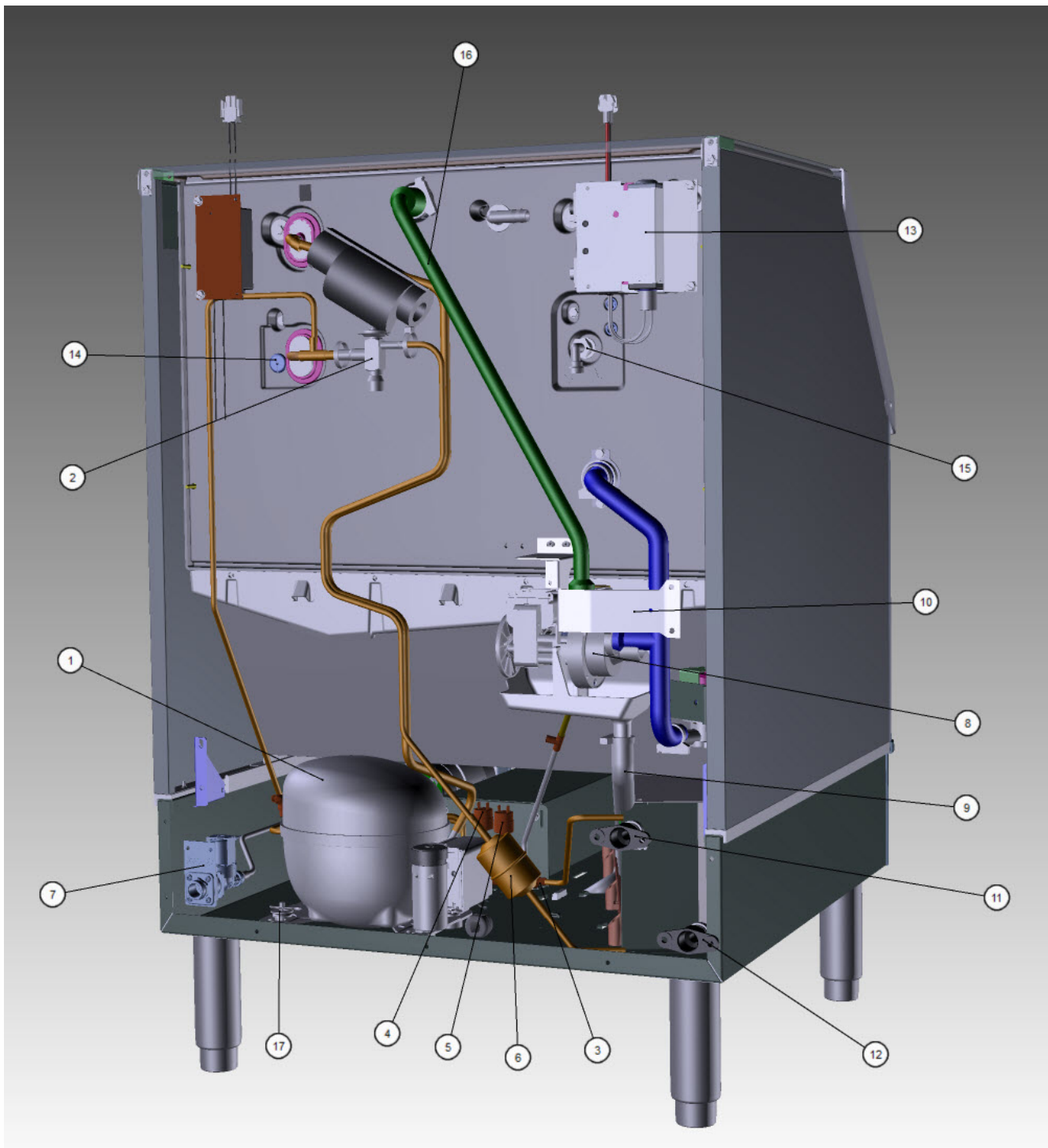
UP0190 with Water Filter

UP0190 - Evaporator Compartment

#	PART #	DESCRIPTION	QTY	Note
PART NOTES:				
[1]	-	Brackets Sold Separately		
[2]	-	Includes bracket float switch low, water trough, float switch bracket and o-rings.		
[3]	-	Connection Size - 3/8" FPT		
[4]	-	connects water trough to water pump & dump valve		
[5]	-	water pump to evaporator		
[6]	-	Includes mounting base, therminstor harness, thermistor bracket, thermistor and cable ties.		

UP0190 with Water Filter

UP0190 - Refrigeration Compartment - Common Components



UP0190 - Refrigeration Compartment - Common Components

UP0190 with Water Filter

UP0190 - Refrigeration Compartment - Common Components

#	PART #	DESCRIPTION	QTY	Note
1		Compressors		
1a	040009131	Compressor - 115V/60 Hz/1 Ph		
1b	040006733	Compressor - 220-240V/50-60 Hz		
2	000018591	Expansion Valve		[1]
2a	040002636	Strap - Expansion Valve Bulb		
2b	5650529	Clamp - Expansion Valve Bulb		
2c	4007203	Valve Insulation Boot - Bulb		
2d	000017807	Valve Insulation Boot - Body		[2]
2e	5650733	Cable Tie - 8.0" L		
3	040007601	Manifold Strainer		
4	000013507	Fan Cycling Control - 150-200 psig - R290		
5	000013577	High Pressure Cut-out - 250-350 psig - R290		
6	8930259	Drier without Access Port - 0.25"		
7		Water Inlet Valve		
7a	000017958	Water Inlet Valve - 115V/60 Hz		[3]
7b	000017959	Water Inlet Valve - 230V/50-60 Hz		[3]
7c	000017670	Water Line - Water Inlet Valve to Filter - 26.0"		
7d	000017824	Water Line - Water Filter to Fill Tube - 26.0"		
8		Water Pump		
8a	040010193	Water Pump - 115V/60 Hz		[4]
8b	040010196	Water Pump - 230V/50 Hz		
8c	040002012	Tube - Water Trough to Water Pump to Dump Valve		
8d	5650663	Snap Clamp - 1.218" x 1.4"		[5]
8e	5000493	Snap Clamp - 0.985" x 1.135" ID		[6]
8f	5650709	Snap Clamp - 0.8" x 0.9" ID		[7]
9	040007039	Drain Tube		[8]
9a	040006053	Drain Sink - Water Pump		
9b	5650709	Snap Clamp - 0.8" x 0.9" ID		[9]
10		Water Pump Mounting		
10a	040006395	Bracket - Water Pump		
10b	040006396	Adapter Bracket - Water Pump		
11	000005423	Female Wing Adapter - 0.5"		[10]
12	000005423	Female Wing Adapter - 0.5"		[11]
12a	040006966	Bin Drain Tube		
13	K00454	LuminIce II - Bulb		
14	040002382	Wire Bushing		
15	040009317	Water Adapter Assembly		
16	040002011	Water Tube (water pump to evaporator)		[12]
16a	5650539	Snap Clamp - 1.123" x 1.296"		
17		Compressor Mounting		
17a	040007665	Rubber Grommet - 8mm		
18		Harvest Valve - Not Shown		
18a	040008538	Harvest Valve with Coil - 115V/60 Hz/1 Ph		
18b	040000101	Harvest Valve Coil Only - 115V/60 Hz/1 Ph		
18c	040008539	Harvest Valve with Coil - 230V/50-60 Hz/1 Ph		
18d	040000103	Harvest Valve Coil Only - 230V/50-60 Hz/1 Ph		

UP0190 - Refrigeration Compartment - Common Components

UP0190 with Water Filter

UP0190 - Refrigeration Compartment - Common Components

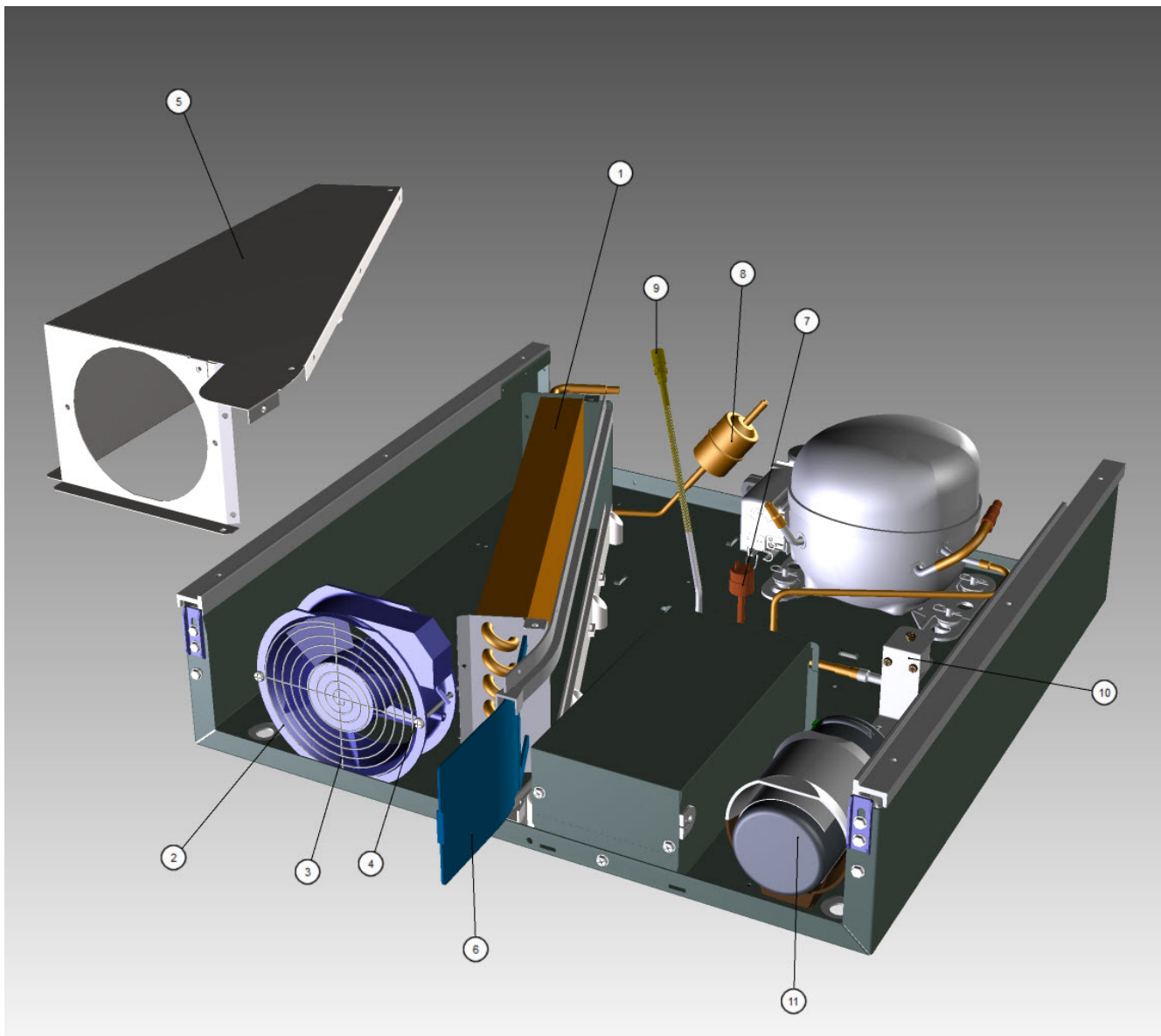
#	PART #	DESCRIPTION	QTY	Note
18e	040002442	Bracket - Valve		
19	040002014	Fitting - Water Trough		[13]
19a	000018772	O-rings - 0.8" x 0.07" (package of 10)		
20	5202069	Screw - #10-24 x 0.5" HEX		

PART NOTES:

- [1] - R290 Models Only
- [2] - Not Shown
- [3] - Connection Size - 3/8" FPT
- [4] - Brackets Sold Separately
- [5] - Secures tube to trough
- [6] - Secures tube to water pump
- [7] - Secures tube to dump valve
- [8] - connects drain sink to drain
- [9] - Secures tube to drain sink
- [10] - Ice Making Water Drain
- [11] - Bin Drain
- [12] - water pump to evaporator
- [13] - connects water trough to tubing

UP0190 with Water Filter

UP0190 - Air-cooled Components



UP0190 - Air-cooled Components

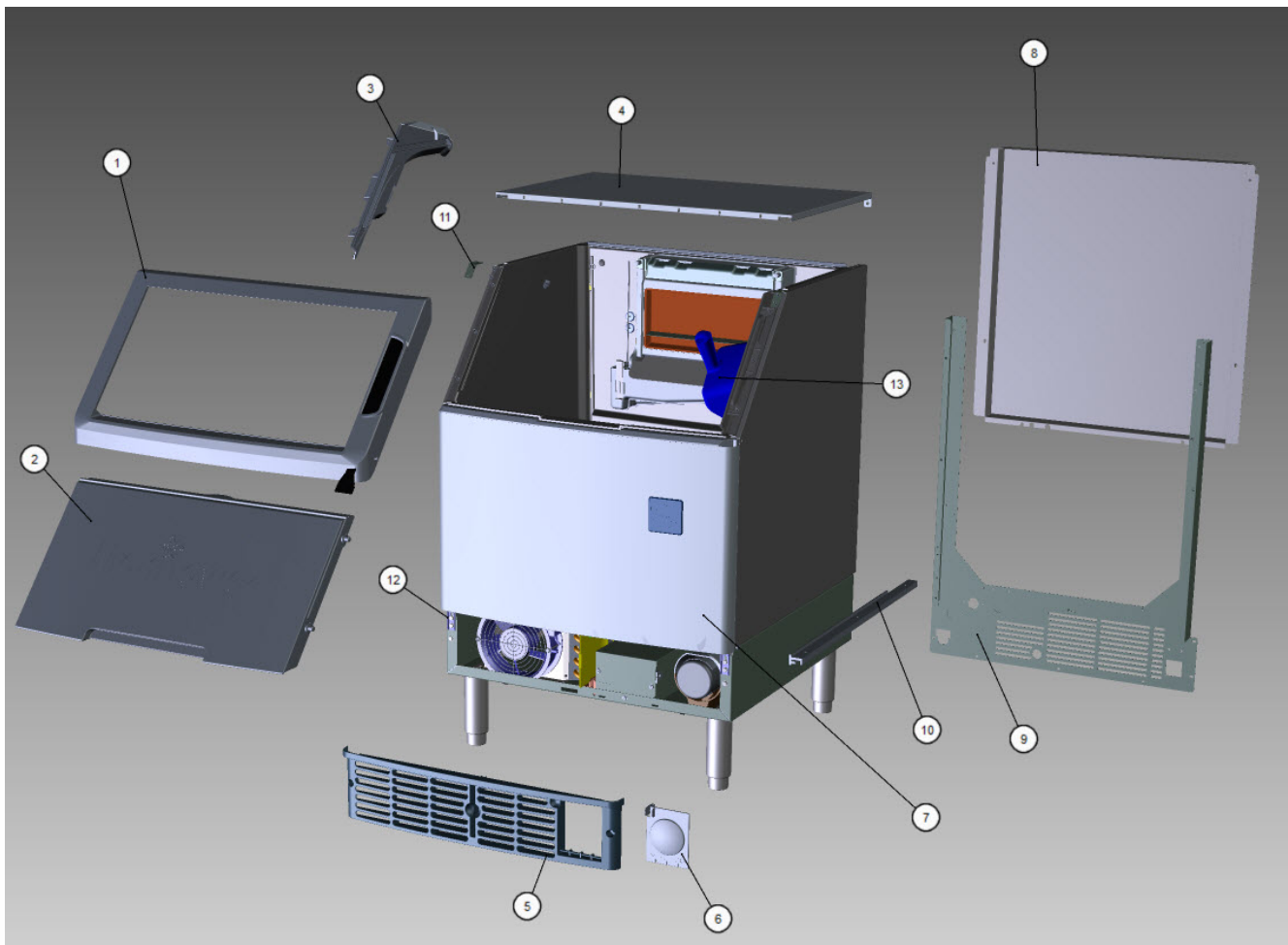
UP0190 with Water Filter

UP0190 - Air-cooled Components

#	PART #	DESCRIPTION	QTY	Note
1	000017898	Air Condenser		
2		Fan Motor with Blade		
2a	040001943	Fan Motor - 115V		
2b	040001944	Fan Motor - 230V		
3	040002384	Fan Guard		
4	040002451	Mounting - Bolts		
5	000017730	Fan Shroud		
6	000017728	Air Filter		
6a	000017725	Top Track - Air Filter		
6b	000017724	Bottom Track - Air Filter		
7	000013507	Fan Cycling Control - 150-200 psig - R290		
8	8930259	Drier without Access Port - 0.25"		
9	8373253	Access Valve - 6.0" L		
9a	7626843	Valve Cores		
9b	000018598	Caps - Access Valves (Brass)		
10a	040008538	Harvest Valve with Coil - 115V/60 Hz/1 Ph		
10aa	040000101	Harvest Valve Coil Only -115V/60 Hz/1 Ph		
10b	040008539	Harvest Valve with Coil - 230V/50-60 Hz/1 Ph		
10ba	040000103	Harvest Valve Coil Only - 230V/50-60 Hz/1 Ph		
11		Replacement Water Filters - See Sales Price List		

UP0190 with Water Filter

UP0190 - Panels



UP0190 with Water Filter

UP0190 - Panels

#	PART #	DESCRIPTION	QTY	Note
1	000018596	Door Frame with Touch Pad		
2	040010178	Bin Door		
3	040004329	Door Track Assembly - Left & Right		[1]
4	040010184	Top Cover		
4a	040003667	Bracket - Top Cover		
5	000017720	Front Lower Loved Panel (grill)		
6	000017722	Water Filter Door		
6a	000017957	Top Support - Water Filter		
6b	000017723	Bottom Support - Water Filter		
6c	040009369	Manifold - Water Filter		
7	040010174	Cabinet Assembly		
8	040010180	Back Panel - Upper		
8a	5202069	Screw - #10-24 x 0.5" HEX		
9	000017833	Back Panel - Lower - Air-cooled		
10		Cabinet Track Brackets		
10a	040001773	Bracket - Cabinet Track - Right		
10b	040001774	Bracket - Cabinet Track - Left		
11		Door Track Brackets		
11a	040002046	Bracket - Door Track - Right		
11b	040002047	Bracket - Door Track - Left		
11c	5202099	Screw - #10-24 x 0.5" PHIL		
12	040003306	U-Clip		
13	040002930	Ice Scoop - Small - 22 ounces		
13a	040002033	Holder - Ice Scoop		
14		Legs - Refer to Sales Price List		
15		Side Panel Brackets		
15a	040003312	Bracket - Side Panel - Right		
15c	040003314	Bracket - Side Panel - Left		
16	040002020	Bulkhead Gasket		[2]
17	040005812	Cartoning		

PART NOTES:

- [1] - Includes left and right door tracks and door stop bumper.
- [2] - seals bulkhead to bin