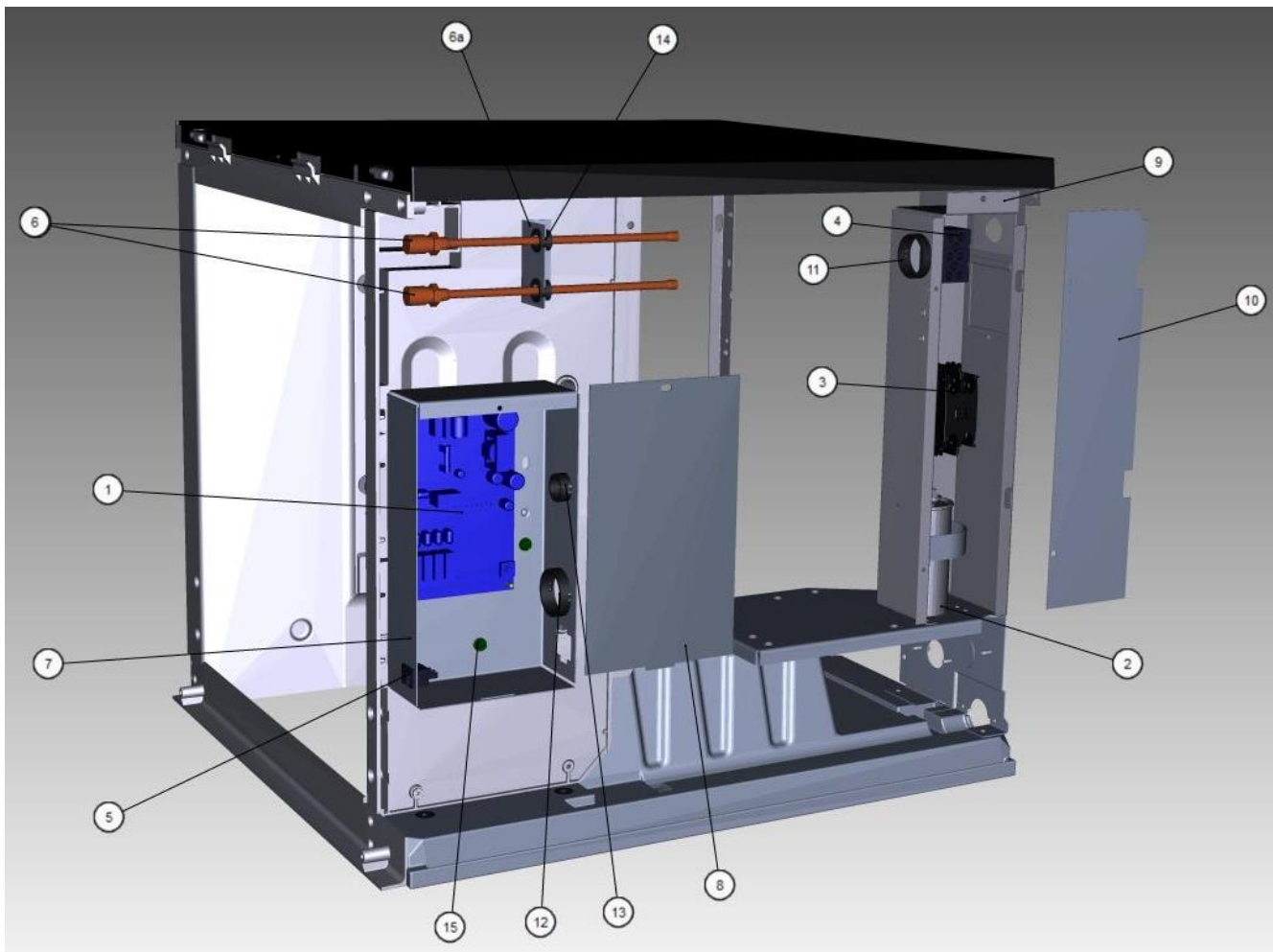


KP0420

KP0420 Control Box



KP0420 Control Box

KP0420 Control Box

KP0420

KP0420 Control Box

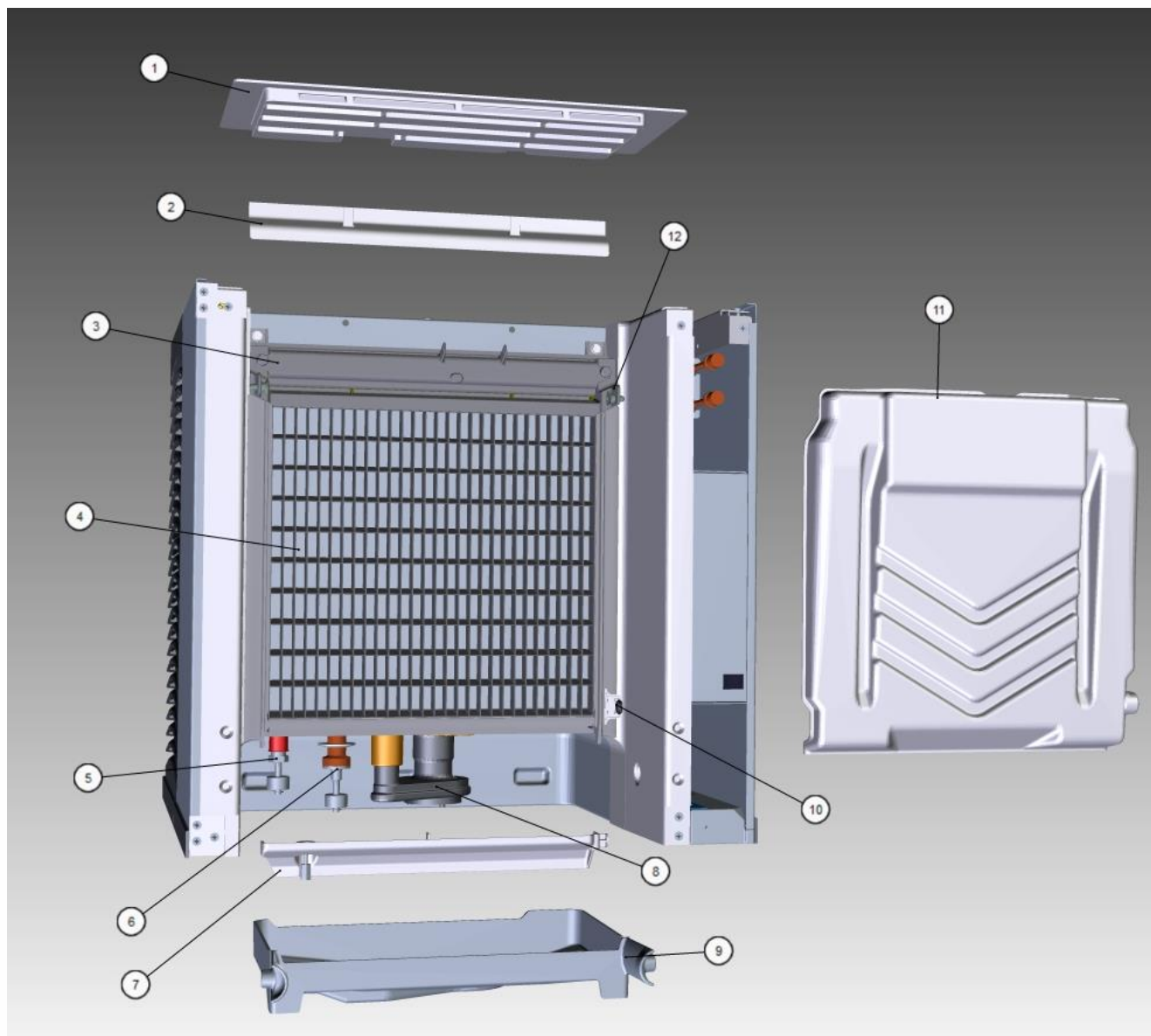
#	PART #	DESCRIPTION	QTY	Note
1	000019491	Control Board		
1a	000015010	Fuse - 3.15A		
1b	4302253	Control Board Mounting Supports		
2		Run Capacitor		
2a	000018496	Run Capacitor - 115-230V/50-60 Hz/1 Ph		[1]
2d	000018677	Bracket - Run Capacitor		
3		Contactor		
3a	2006589	Contactor - 115V/60 Hz/1 Ph		
4	2006143	Terminal Block - 50 Hz - 3 Pole		
5	2007939	Toggle Switch		
6	000018390	Access Valve		[2]
6a	7626843	Valve Cores		
6b	000011548	Bracket - Refrigeration Service Valves		
6c	000018598	Caps - Access Valves (Brass)		
7	000018717	Control Box		
8	000018675	Cover - Control Box		
9	000018701	Start Component Box		
10	000018702	Cover - Start Component Box		
11, 12	2500019	Bushing - 1.187"		
13	2501409	Bushing - 0.875"		
14	2502189	Bushing - 0.625"		
15	5202169	Screw - #10-24 x 0.5" Ground		
16	5202069	Screw - #10-24 x 0.5" HEX		
16a	5573209	Star Washer		
17	000013507	Fan Cycling Control - 150-200 psig - R290		
18	000013577	High Pressure Cut-out - 250-350 psig - R290		
19	000018756	Wiring Harness - Compressor		
20	000018745	Wiring Harness - Air-cooled		
21	000018746	Wiring Harness - Water-cooled		
22	000010511	Wiring Harness - Float Switch to Control Box		
23	000010724	Wiring Harness - Toggle Switch		
24	000018748	Wiring Harness - Disperse Fan		
25	040004703	Manifold Strainer		
25a	000010699	Grommet - Manifold Strainer		
26	040006596	Grommet - R290		

PART NOTES:

- [1] - 115V/60 Hz
- [2] - 60 Hz

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KP0420 Evaporator Compartment



KP0420 Evaporator Compartment

KP0420 Evaporator Compartment

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KP0420 Evaporator Compartment

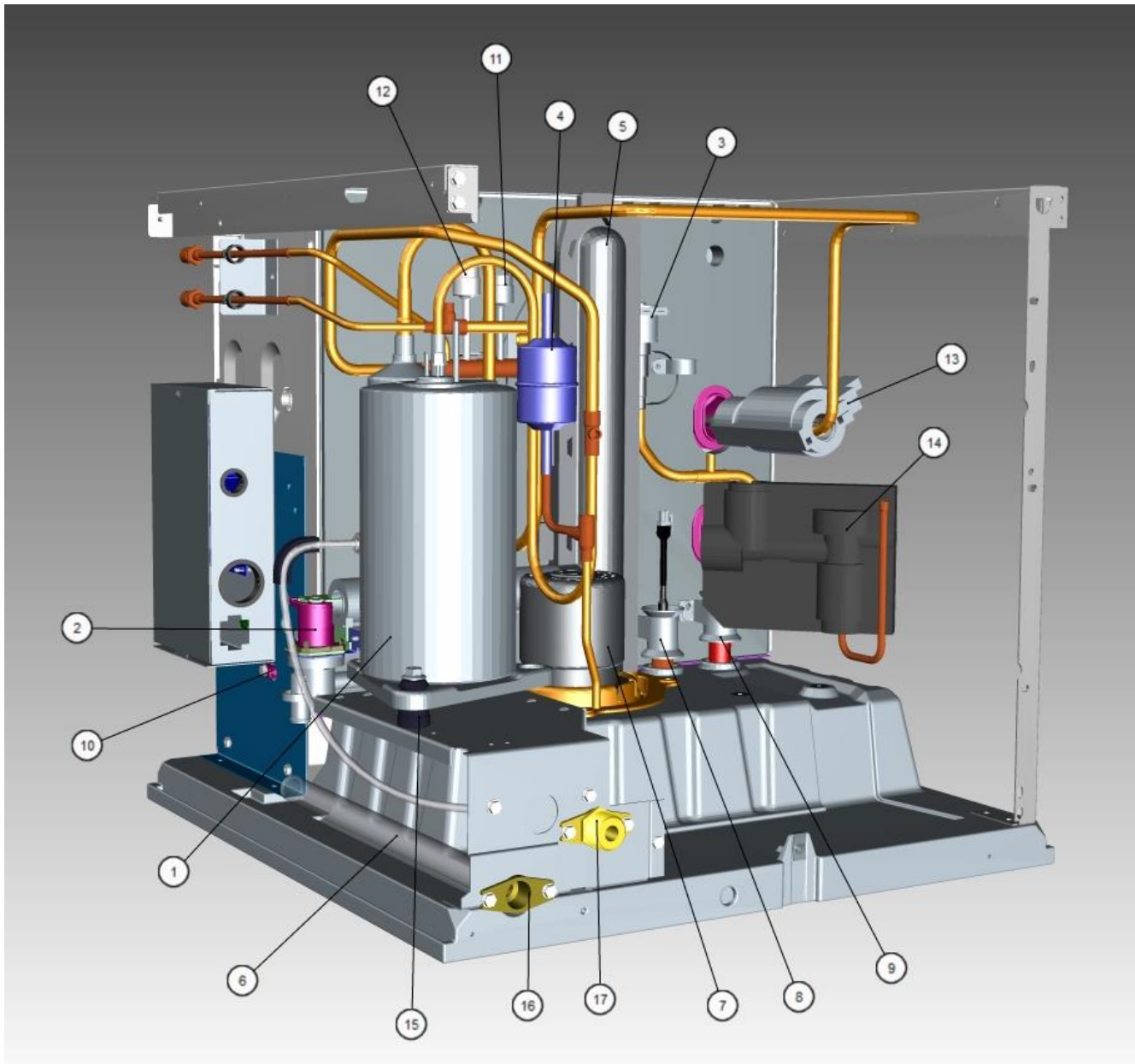
#	PART #	DESCRIPTION	QTY	Note
1	000009188	Foodzone Seal Panel		
2	6065389	Evaporator Top Filler Panel		[1]
2a	5202099	Screw - #10-24 x 0.5" PHIL		
3	7602789	Water Distribution Tube - 22"		
3a	5004799	Thumbscrew SS - #8-32 x 0.375"		
3b	5004629	O-Ring - 0.125" ID		
4		Evaporator		
4a	7602769	Evaporator - Dice Cube		
4b	7602759	Evaporator - Half Dice Cube		
5	000012651	Ice Thickness Float Switch		
5a	000010630	Bracket - Ice Thickness Float Switch		
6	000012649	Harvest Float Switch		
6a	000010818	Bracket - Harvest Float Switch		
7	7602779	Water Diverter - 22" Models		
7a	5305123	Thumbscrew SS - #8-32 x 0.44"		
8		Water Pump		
8a	000019321	Water Pump - 115V/60 Hz		
8b	5004659	Water Pump Base O-Ring - 4.00" ID		
8c	5004679	Water Pump Outlet O-Ring - 0.875" ID		
8d	000010244	Water Pump Mount		
9	000011512	Water Trough - 22"		
10	000010510	Magnetic Bin Switch		
11	4011189	Water Curtain		
12	7602799	Evaporator Top Frame Assembly - 22"		[2]
13	4010463	Evaporator Bottom Frame Assembly		
13a	5429139	Hex Nut - #8-32 Brass		
14	5004619	Screw - #12-16 x 0.687"		

PART NOTES:

- [1] - Includes Cover
- [2] - Includes top frame disks and hex nuts.

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KP0420 Refrigeration Compartment



KP0420 Refrigeration Compartment

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KP0420 Refrigeration Compartment

#	PART #	DESCRIPTION	QTY	Note
1		Compressor		
1a	000019302	Compressor - 115V/60 Hz/1 Ph		
2		Water Dump Valve		
2a	000014062	Water Dump Valve - 115V/60 Hz		
2b	000014063	Water Dump Valve - 208-230V/50-60 Hz		
3		Harvest Vavle - Sanhua		[1]
3a	000017684	Solenoid Valve 0.375" x 0.375" Including 115V/60 Hz Electrical Coil		
3b	000016625	Solenoid Valve Coil Only - 115V/60 Hz		
3c	000017686	Solenoid Valve 0.375" x 0.375" Including 208-230V/50-60 Hz Electrical Coil		
3d	000016626	Solenoid Valve Coil Only - 230V/50-60 Hz		
4	000018781	Drier		
5	000015334	Insulated Tube		[2]
5a	5650609	Snap Clamp - 1.0" ID		
5b	5650709	Snap Clamp - 0.8" x 0.9" ID		
6	000001382	Vinyl Tubing 0.625" ID		
6a	6038831	Insulation - 0.88" ID x 0.25" W x 13.5" L		
6b	5650709	Snap Clamp - 0.8" x 0.9" ID		
7		Water Pump		
7a	000019321	Water Pump - 115V/60 Hz		
7d	000010244	Water Pump Mount		
8	000012649	Harvest Float Switch		
8a	000010818	Bracket - Harvest Float Switch		
9	000012651	Ice Thickness Float Switch		
9a	000010630	Bracket - Ice Thickness Float Switch		
10	000010510	Magnetic Bin Switch		
11	000013577	High Pressure Cut-out - 250-350 psig - R290		
12	000013507	Fan Cycling Control - 150-200 psig - R290		
13	000002719	Valve Insulation Boot - Bulb		
13a	5650529	Clamp - Expansion Valve Bulb		
13b	3000833	Strap - Expansion Valve Bulb - 0.375"		
14	000018776	Expansion Valve		[3]
14c	000012443	Valve Insulation Boot - Body - Danfoss		
15		Compressor Mounting		
15a	000018026	Grommet - Compressor Mounting		
15b	000018349	Compressor Base		
16	000005423	Female Wing Adapter - 0.5"		
17	8706093	Female Wing Adapter - Brass - 0.375"		[4]
17a	1360961	Male Connector - 0.375"		
18		Water Inlet Valve		
18a	000009120	Water Inlet Valve - 115V/60 Hz/1 Ph		[5]
19	000018754	Disperse Fan - 12V 70mm		[6]

PART NOTES:

- [1] - Replace Sanhua Valves with Sanhua Valves.
- [2] - vinyl tubing from distribution tube to water pump dump valve

KP0420 Refrigeration Compartment

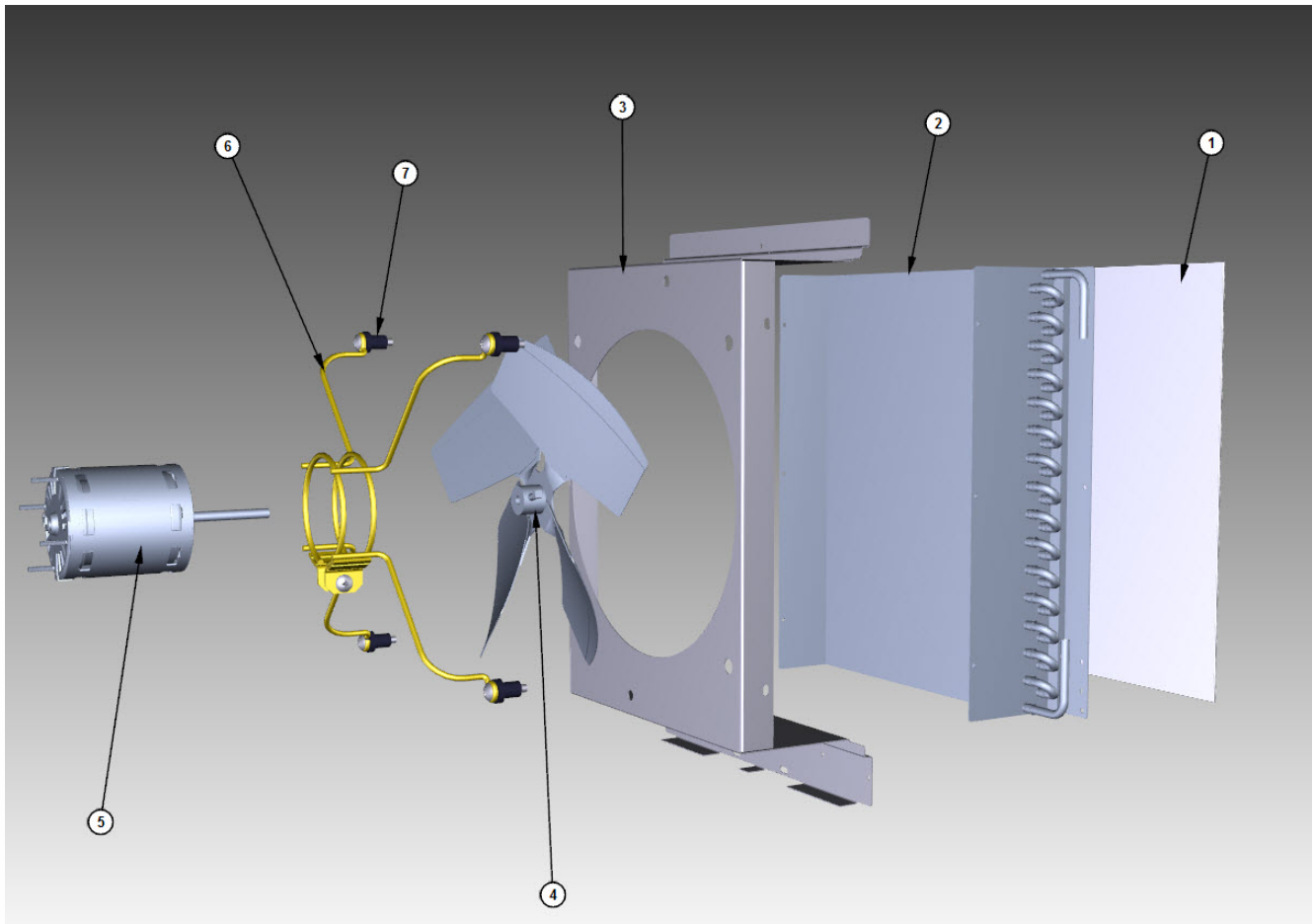
KP0420

KP0420 Refrigeration Compartment

#	PART #	DESCRIPTION	QTY	Note
[3]	-	Air-cooled Replace Danfoss and/or Sporlan Expansion Valves with Danfoss Expansion Valves.		
[4]	-	Brass If replacing a nylon fitting you must order 1360961		
[5]	-	0.5 gpm Includes water valve inlet, bracket, screws, adapter and locking clip.		
[6]	-	Not Shown		

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KP0420 Air-cooled Components



KP0420 Air-cooled Components

KP0420 Air-cooled Components

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KP0420 Air-cooled Components

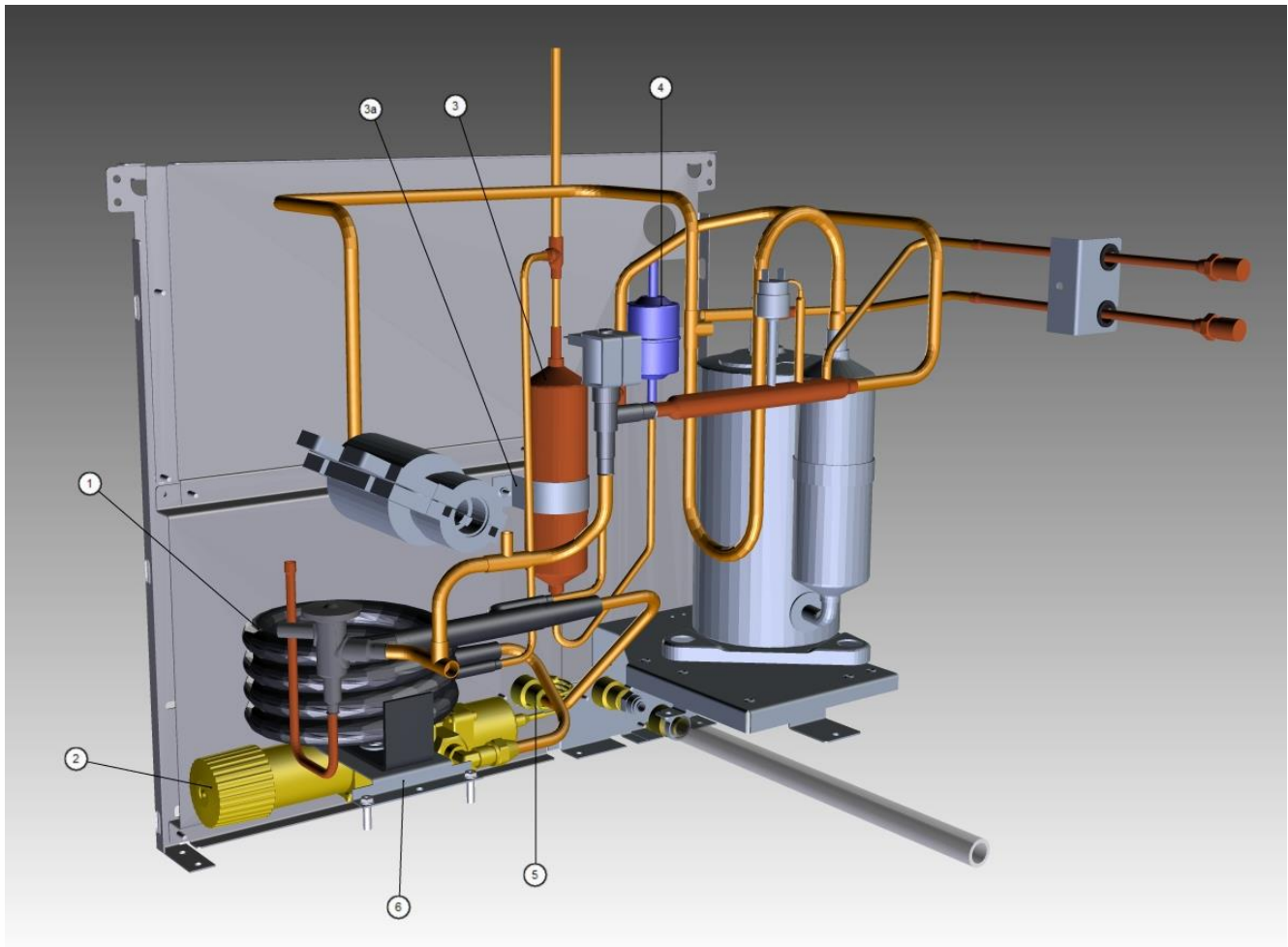
#	PART #	DESCRIPTION	QTY	Note
1	3005939	Air Filter - 16.8" x 12.81"		
2a	000018341	Air Condenser		[1]
3	000018757	Fan Shroud		
4	2416203	Fan Blade		
5a	2412929	Fan Motor - 115V/60 Hz/1 Ph		[2]
6	000014018	Fan Motor Bracket		
7		Fan Motor Mounting		
7a	5033589	Screw		
7b	5429559	Rubber WellnutMounting -		
7c	5429529	Mounting - Hexnut		

PART NOTES:

- [1] - 60 Hz
- [2] - Includes Nuts

KP0420

KP0420 Water-cooled Components



KP0420 Water-cooled Components

KP0420 Water-cooled Components

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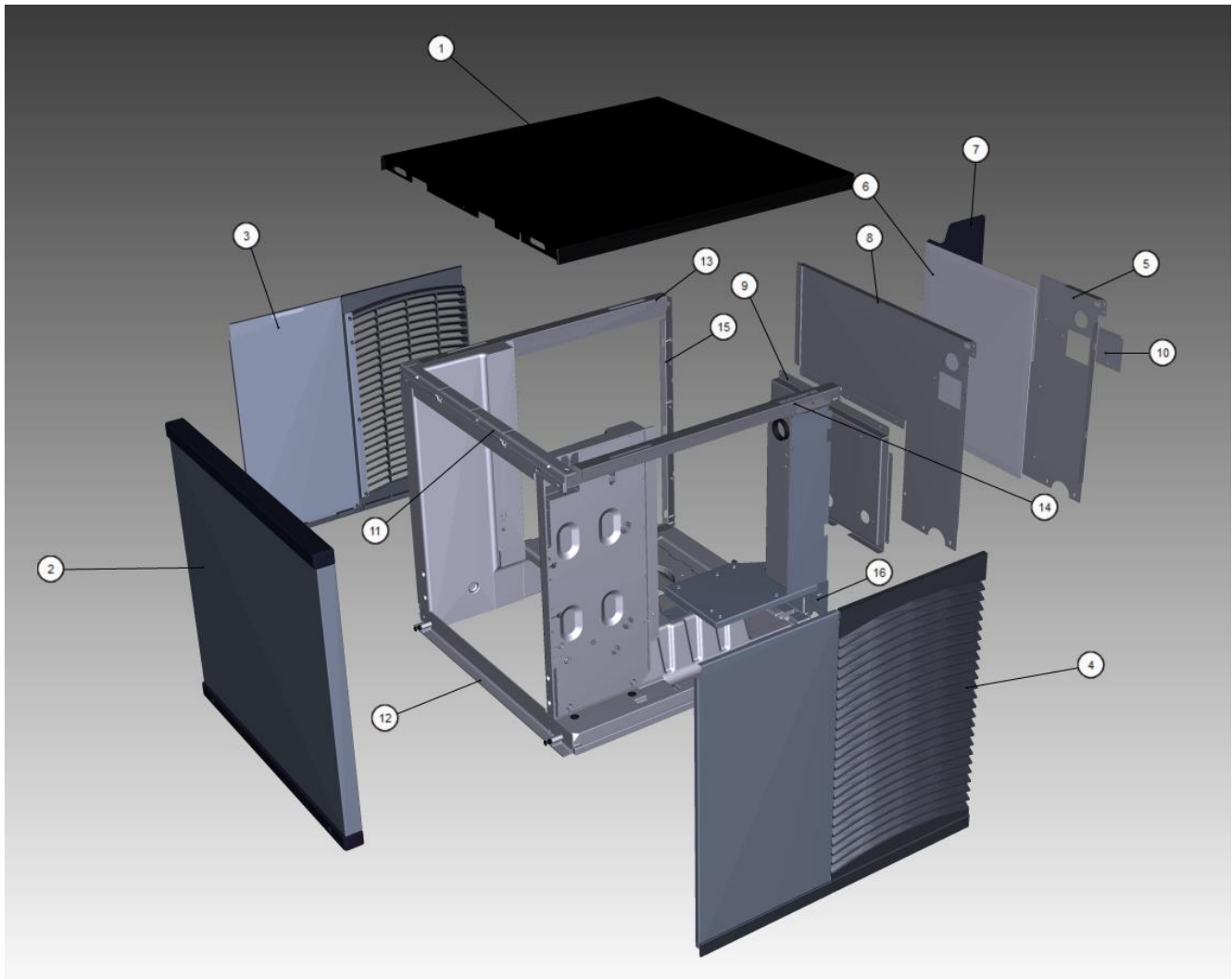
KP0420 Water-cooled Components

#	PART #	DESCRIPTION	QTY	Note
1	040007971	Water-cooled Condenser		
2	000018641	Water Regulating Valve		
2a	5002159	Elbow - 0.375" MF x 0.375" MPT		
3	000008892	Receiver		
3a	000011051	Receiver Strap		
4	000018781	Drier		
5	8706103	Female Wing Adapter - Brass - 0.5" NPT x 0.375" ODF		
6	000010604	Mounting Base - Water Condenser or Receiver		
6a	5012319	Screw - #12-16 x 0.75"		
6b	5202069	Screw - #10-24 x 0.5" HEX		
6c	5573419	Washer		
7	8706083	Female Wing Adapter - Brass - 0.5"		

KP0420 Water-cooled Components

KP0420

KP0420 Panels



KP0420

KP0420 Panels

#	PART #	DESCRIPTION	QTY	Note
1	000011684	Top Cover		
2	000012465	Front Panel		[1]
2a	000010945	Door - Drip Lip		
2b	000010293	Front Panel Mounting Brackets		
2c	000008023	Screw - #8-32 x 0.875"		
2d	000010296	Door Seal		
3	000011272	Left Side Panel		[2]
4	000011271	Right Side Panel		[3]
5	000018533	Back Panel - Air-cooled		
6	3005939	Air Filter - 16.8" x 12.81"		
7	000007314	Air Baffle Assembly		
8	000019012	Back Panel - Water-cooled		
9	000011503	Coupling Panel - Water-cooled		
10	6063999	Electrical Connection Box Cover		
11	000010721	Front Top Support		
12	000010720	Bottom Door Frame		
12a	000001127	Tapping Plate - Panel Hinge Screws		
13	6068649	Left Top Channel		
14	000018640	Right Top Channel		
15	000011100	Left Corner Post		
16	000018349	Compressor Base		
17	5202099	Screw - #10-24 x 0.5" PHIL		
18	5005099	Screw - #10-16 x 0.625"		
19	8706083	Female Wing Adapter - Brass - 0.5"		
20	000012468	Cartoning		

PART NOTES:

- [1] - Includes front panel, shear front panel, screws, hook strap bracket, door seal and gasket drip lip.
- [2] - Includes panel louver, panel trim bottom, left side panel and dual lock-low profile fastener.
- [3] - Includes panel louver, panel trim bottom, right side panel and dual lock-low profile fastener.