Manitowoc®

Parts Manual

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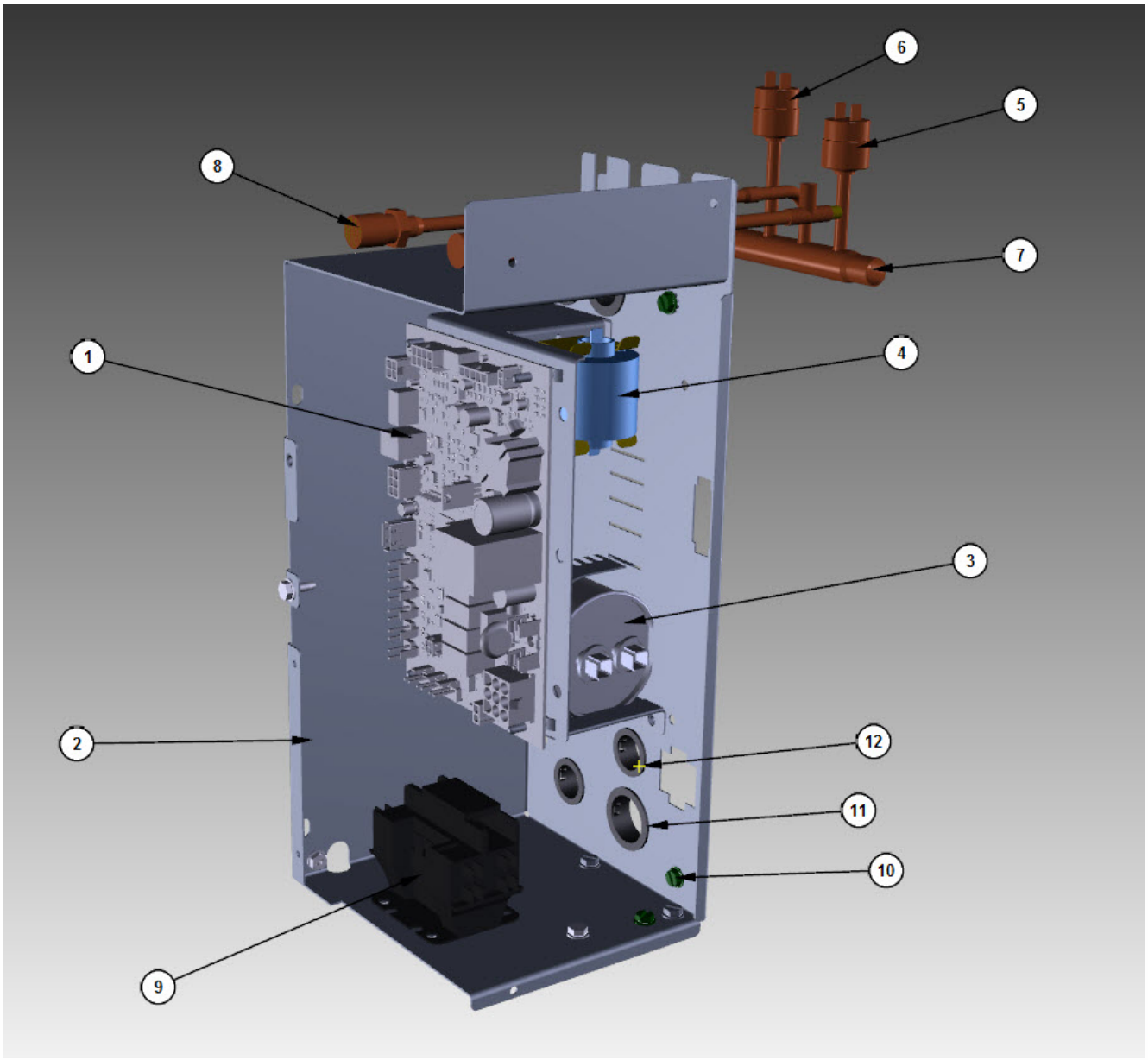
iF0600 Indigo NXT, JCF0900

iF0600 - Control Box



iF0600 - Control Box

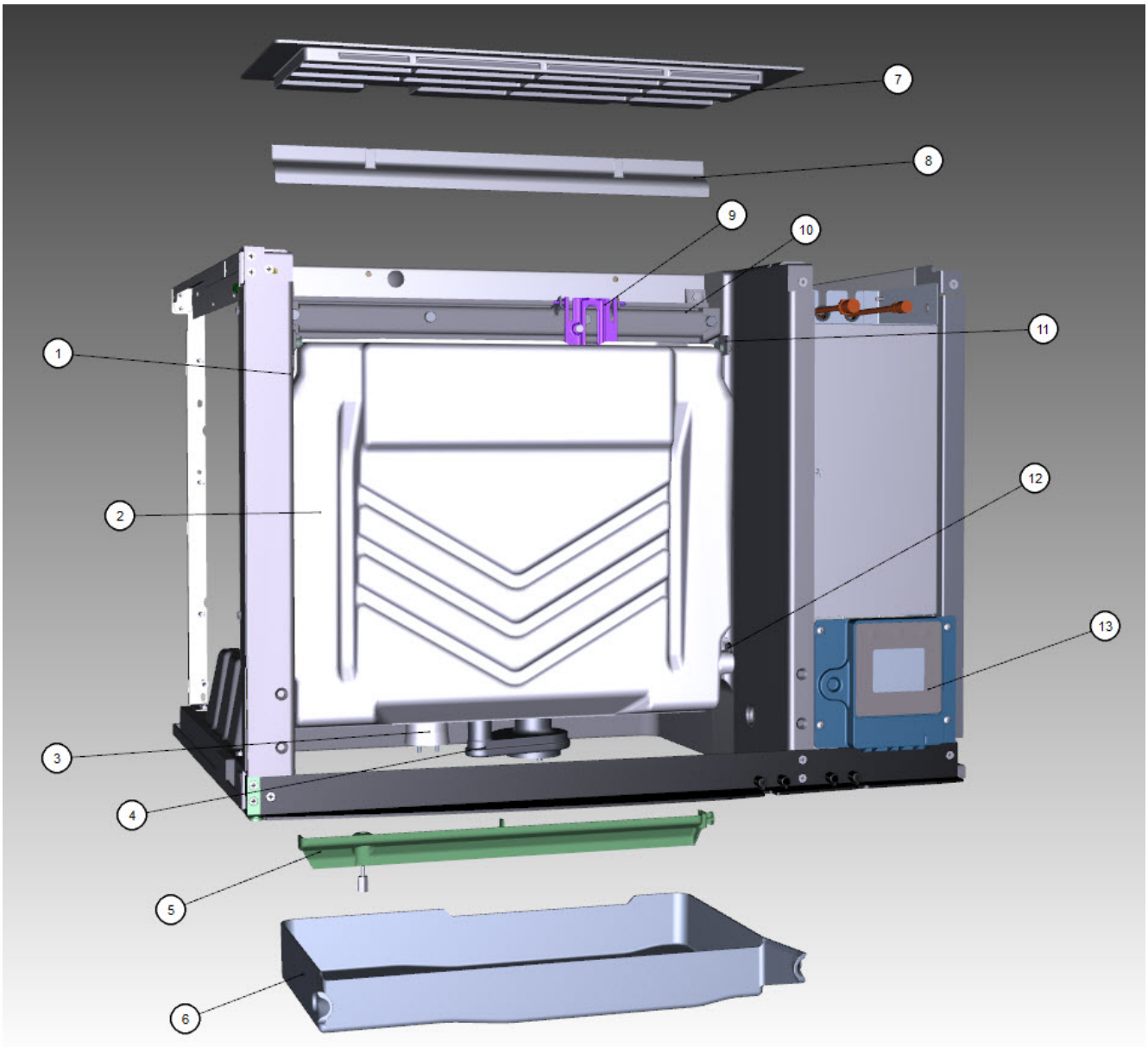
#	PART #	DESCRIPTION	QTY	Note
1	000015208	Control Board		
1a	000015009	Ceramic Fuse - 6.3A		
2	000013818	Control Box		
2a	000010421	Control Box Cover		
2b	000007564	Control Board Mounting Bracket		
2c	4302253	Control Board Mounting Supports		
3a	2010133	Run Capacitor		[1]
3b	8503933	Run Capacitor - 115-230V/50-60 Hz/1 Ph		[2]
3c	000008233	Capacitor Mounting Bracket - SS		
4	8504993	PTCR - 18A		
4a	8505013	PTCR Mounting Bracket		
5	000013579	High Pressure Cut-out - 300-450 psig		
6	000013508	Fan Cycling Control - 200-250 psig		
7	8251049	Manifold Strainer		
7a	6058571	Bracket - Access Valves/Manifold Strainer		
7b	000010699	Grommet - Manifold Strainer		
8	8373263	Access Valve - 7.25" L		
8a	7626843	Valve Cores		
9	2006599	Contactor - 230V/50-60 Hz/1 Ph		
10	5202169	Screw - #10-24 x 0.5" Ground		
10a	5573209	Star Washer		
11	2500019	Bushing - 1.187"		
12	2501409	Bushing - 0.875"		
13	5202069	Screw - #10-24 x 0.5" HEX		
13a	5573209	Star Washer		
14		Control Box Wiring Harness		
14a	000007179	Control Box Wiring Harness - 230V/60 Hz/1 Ph		
14b	000007180	Control Box Wiring Harness - 230V/50 Hz/1 Ph		
15	000005176	Molded Plug Wiring Harness - Compressor - Bristol - 1 Ph		
16		Compressor Compartment Wiring Harness		
16a	000007178	Wiring Harness - Compressor Compartment - Air-cooled		
16b	000007176	Wiring Harness - Compressor Compartment - Water-cooled		
16c	000007175	Wiring Harness - Compressor Compartment - Remote Air-cooled		
17	2001143	Retainer, Oil Return Valve Nut		

PART NOTES:

[1] - Used with Bristol Compressors

[2] - Used with Embraco Compressors

iF0600 - Evaporator Compartment



iF0600 - Evaporator Compartment

#	PART #	DESCRIPTION	QTY	Note
1		Evaporator Assembly		
1a	7602839	Evaporator - Dice Cube		
1b	7602849	Evaporator - Half Dice Cube		
2	4010979	Water Curtain		
3	000016053	Water Level Probe		[1]
3a	000007724	Wire - Control Box to Water Level Probe		[2]
3b	000007053	Water Level Probe - Holder		
3c	5202099	Screw - #10-24 x 0.5" PHIL		[3]
4		Water Pump - See Note for Usage		
4a	2007399	Water Pump - 230V/60 Hz		[4]
4b	8252109	Water Pump - 230V/50-60 Hz		[5]
4c	000010244	Water Pump Mount		
5	7602213	Water Diverter - 30" Models		
5a	5305123	Thumbscrew SS - #8-32 x 0.44"		
6		Water Trough - See Serial Break for Usage		
6a	000010337	Water Trough - 30"		[6]
6b	000010828	Water Trough - 30"		[7]
7	000009055	Foodzone Seal Panel - 30"		[8]
8	4008469	Evaporator Top Filler Panel		[9]
8a	6063339	Bracket - Top Filler Panel		
8b	5202099	Screw - #10-24 x 0.5" PHIL		
9	000015292	Ice Thickness Control Probe		[10]
10	7602193	Water Distribution Tube - 30"		
10a	5004649	O-Rings - 0.675"		[11]
11	7602203	Evaporator Top Frame Assembly - 30"		[12]
11a	4009613	Evaporator Bottom Frame Assembly		
11b	5429139	Hex Nut - #8-32 Brass		
12	000007888	Magnetic Bin Switch		
12a	000014038	Bin Switch Wiring Harness		
13	000015154	Touch Screen Housing Assembly - 30"/48"		
13a	000006697	Mounting Bracket		[13]
14	5004799	Thumbscrew SS - #8-32 x 0.375"		[14]
14a	5004629	O-Ring - 0.125" ID		
15	5004619	Screw - #12-16 x 0.687"		
16	5004659	Water Pump Base O-Ring - 4.00" ID		
17	5004679	Water Pump Outlet O-Ring - 0.875" ID		

PART NOTES:

[1] - Includes probe and wire.

[2] - No Longer Available - must order Water Level Probe for new wire

[3] - Mount Water Level Probe Holder

[4] - Includes o-rings.
60 Hz

[5] - Includes o-rings.
50 Hz

[6] - Before SN1121208286 - Metal Bulkheads

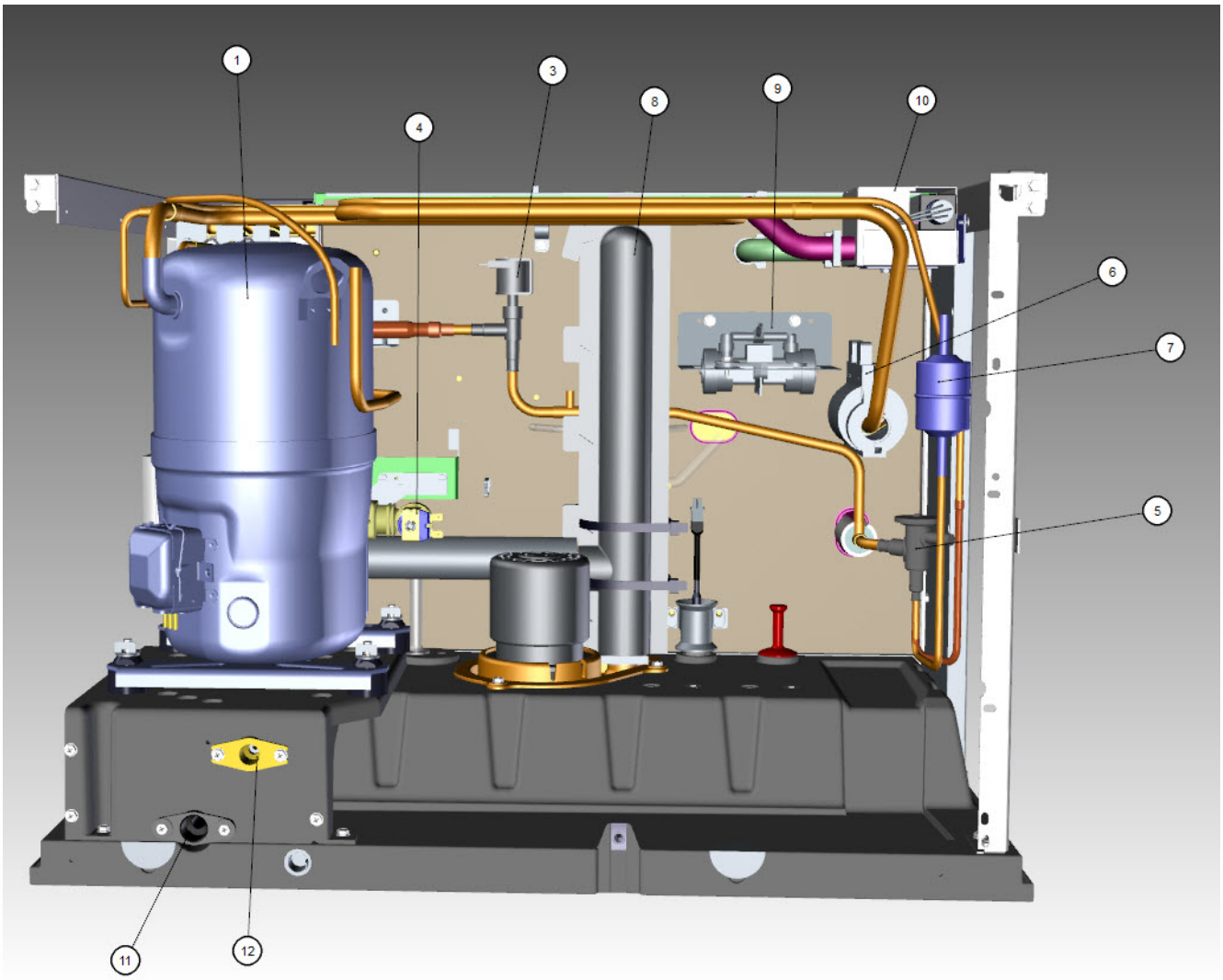
[7] - After SN1121208287 - Plastic Bulkheads

[8] - Snaps into Place

iF0600 - Evaporator Compartment

#	PART #	DESCRIPTION	QTY	Note
[9]	-	Includes Cover and Instructions		
[10]	-	Includes ice thickness probe, clip and washer.		
[11]	-	Back of Distribution Assembly		
[12]	-	Includes top frame disks and hex nuts.		
[13]	-	Mounts Housing Assembly to Machine		
[14]	-	Water Distribution Tube Mounting		

iF0600 - Refrigeration Compartment - Common Components



iF0600 - Refrigeration Compartment - Common Components

#	PART #	DESCRIPTION	QTY	Note
1		Compressor		
1a	000009307	Compressor - Bristol - 208-230V/60 Hz/1 Ph - USE UP		[1]
1aa	000015724	Compressor - Embraco - 208-230V/60 Hz/1 Ph		
1b	000009959	Compressor - Bristol - 230V/50 Hz/1 Ph - USE UP		[1]
1ba	000015725	Compressor - Embraco - 230V/50 Hz/1 Ph		
1c	000015723	Compressor Conversion Kit - Bristol to Embraco		[2]
1d	000005176	Molded Plug Wiring Harness - Compressor - Bristol - 1 Ph		
1e	000015869	Molded Plug Wiring Harness - Compressor 1 Ph - Embraco		
2		Water Dump Valve with Bracket		
2a	000014063	Water Dump Valve - 208-230V/50-60 Hz		
2b	6058459	Mounting Bracket - Water Dump Valve		
2c	4420383	Clear Tubing - 0.625" ID		
3		Harvest Valve - See Notes for Usage		
3a	000007019	Solenoid Valve 0.375" x 0.375" Including 208-230V/50-60 Hz Electrical Coil		[3]
3aa	000005157	Solenoid Valve Coil Only - 230V/50-60 Hz		[4]
3b	000018652	Solenoid Valve 0.375" x 0.375" Including 208-230V/50-60 Hz Electrical Coil		[5]
3ba	000016626	Solenoid Valve Coil Only - 230V/50-60 Hz		[6]
4		Water Inlet Valve with Bracket		
4a	000009122	Water Inlet Valve - 208-230V/50-60 Hz		[7]
4b	4010439	Tubing - Water Inlet Valve		
5		Expansion Valve - See Note for Usage		
5a	7601583	Expansion Valve		[8]
5b	7600193	Expansion Valve		[9]
5c	000012443	Valve Insulation Boot - Body - Danfoss		
6	4007203	Valve Insulation Boot - Bulb		
7		Drier - See Note for Usage		
7a	8930259	Drier without Access Port - 0.25"		[10]
7b	8930279	Drier without Access Port - 0.375"		[11]
8	000015402	Insulated Tube		[12]
8a	5650609	Snap Clamp - 1.0" ID		
8a	5650709	Snap Clamp - 0.8" x 0.9" ID		
9		Air Assist		
9a	000007223	Air Assist - 230V		
9b	4011739	Air Manifold		[13]
9c	000014419	Air Assist Bracket		
9d	3001453	Air Assist - Nozzle		[14]
9e	4420883	Vinyl Tubing - 0.25" ID		[15]
9f	9002593	Tubing, Clear PVC – 0.125” ID x 0.25” OD		
10	K00454	LuminIce II - Bulb		
10a	000014037	Wiring Harness - LuminIce II		
11	000005423	Female Wing Adapter - 0.5"		
12	000001382	Vinyl Tubing 0.625" ID		[16]
12a	6038831	Insulation - 0.88" ID x 0.25" W x 13.5" L		
12b	5650709	Snap Clamp - 0.8" x 0.9" ID		
13	8706093	Female Wing Adapter - Brass - 0.375"		[17]

iF0600 - Refrigeration Compartment - Common Components

#	PART #	DESCRIPTION	QTY	Note
13a	1360961	Male Connector - 0.375"		
13b	4420291	Tygon Tube - 0.25" OD		
14	4010439	Tubing - Water Inlet Valve		
16	000015573	Thermistor with Spring Clips		
17		Compressor Mounting		
17a	000008346	Compressor Base		
17b	8503069	Mounting - Rubber Grommet		
17c	8503949	Mounting - Sleeve		
17d	5004819	Compressor Mounting - Bolt		
17e	5004829	Compressor Mounting - Nut		
18	5650529	Clamp - Expansion Valve Bulb		
19	3000503	Strap - Expansion Valve Bulb - 0.5"		
20	5202069	Screw - #10-24 x 0.5" HEX		
21	000011604	Plug - Float Hole		

PART NOTES:

[1] - No Longer Available. To replace must order a compressor and conversion kit.

[2] - All Voltages

[3] - With Screen
Air Water-cooled Models Only

[4] - Air Water-cooled Models Only

[5] - Includes "0.375" to 0.5" Coupling" if needed.
Remote Models Only

[6] - Remote Models Only

[7] - 0.78 gpm

Includes water valve inlet, bracket, screws, adapter, 0.375-18 NPT brass connector and locking clip.

[8] - Air-cooled Models

[9] - Water-cooled Remote Models

[10] - Air-cooled and Water-cooled Models

[11] - Remote Models

[12] - vinyl tubing from distribution tube to water pump & dump valve

[13] - Air Pump Tubing Outlet

[14] - Nonreplacable - Soldered in place

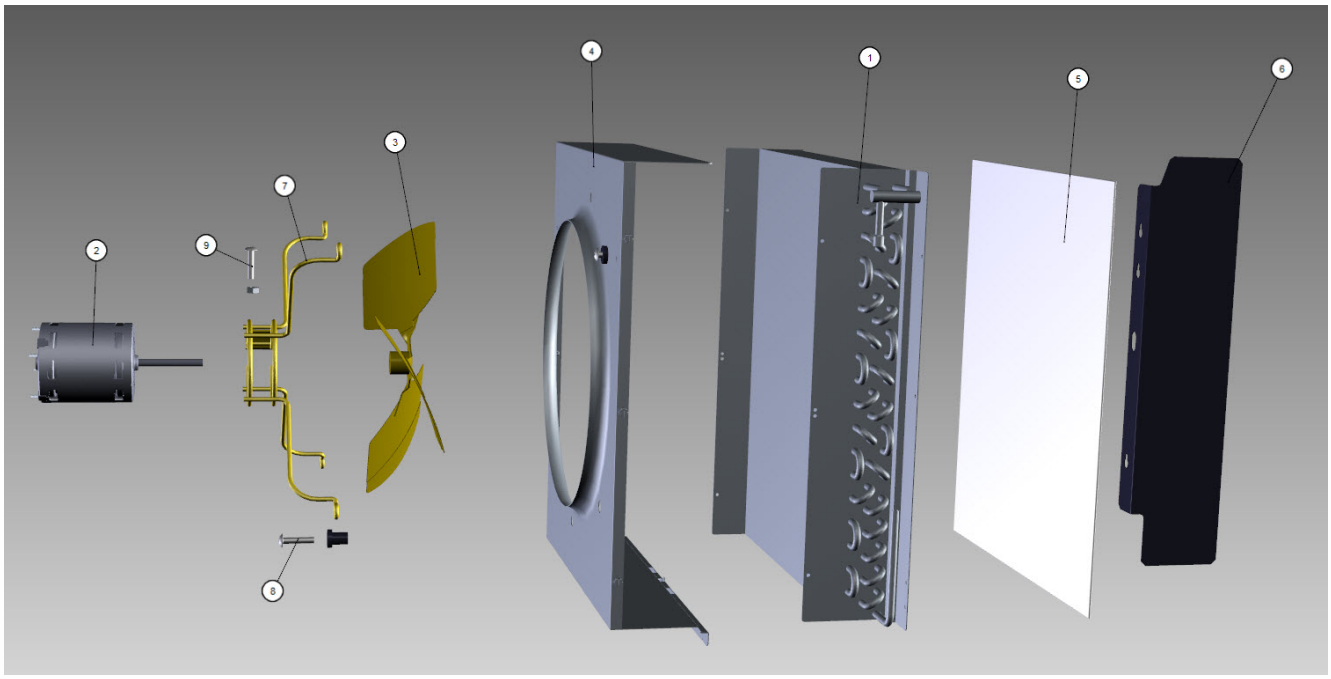
[15] - Air Assist

[16] - dump valve to drain adapter

[17] - Brass

If replacing a nylon fitting you must order 1360961

iF0600 - Refrigeration Compartment – Air-cooled Components



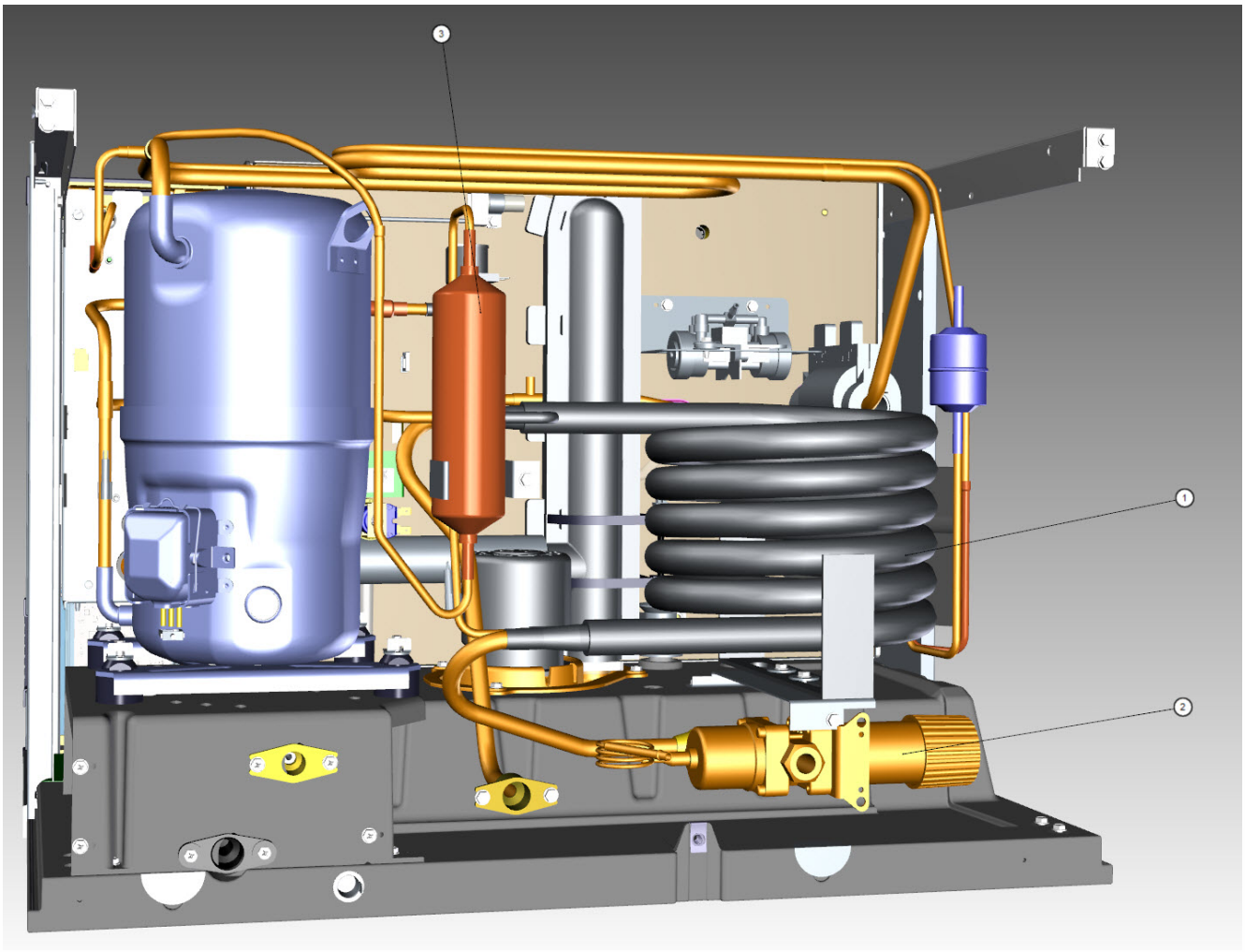
iF0600 - Refrigeration Compartment – Air-cooled Components

#	PART #	DESCRIPTION	QTY	Note
1	8252949	Air Condenser		
2	2412939	Fan Motor - 208-230V/50-60 Hz		[1]
3	2416173	Fan Blade		
4	000014016	Fan Shroud		
4a	5202069	Screw - #10-24 x 0.5" HEX		
5	3005689	Air Filter - 18.88" x 17.19"		
6	000007314	Air Baffle Assembly		
7	000014018	Fan Motor Bracket		
8		Fan Bracket Mounting		
8a	5033589	Screw		
8b	5545109	Mounting - Lock Washer		
8c	5573059	Flat Washer		
8d	5429559	Rubber Wellnut		
9		Fan Motor Mounting		
9a	5033589	Screw		
9b	5545109	Mounting - Lock Washer		
9c	5429529	Mounting - Hexnut		

PART NOTES:

[1] - Includes Nuts.

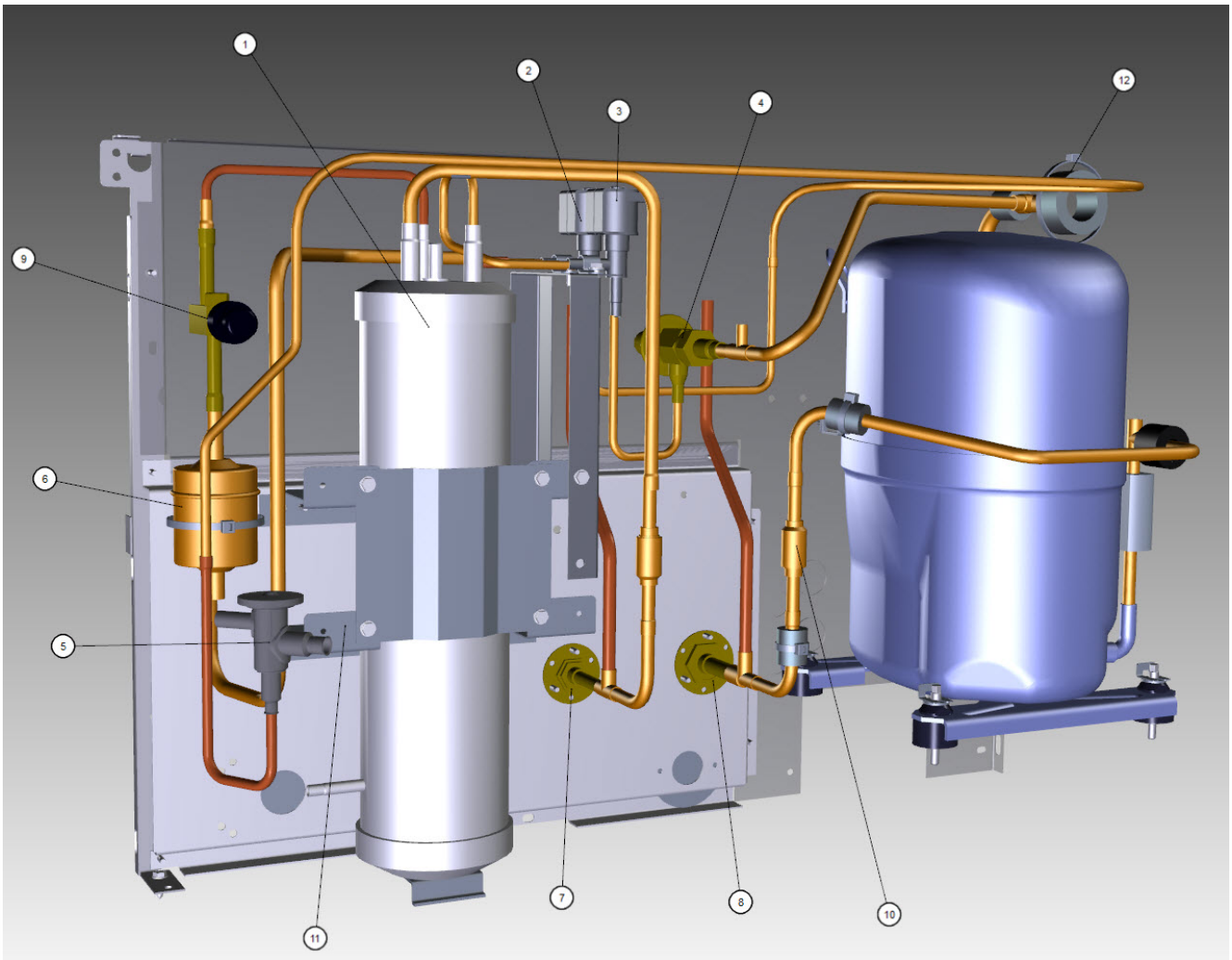
iF0600 - Refrigeration Compartment – Water-cooled Components



iF0600 - Refrigeration Compartment – Water-cooled Components

#	PART #	DESCRIPTION	QTY	Note
1	8253039	Water-cooled Condenser		
2	000007546	Water Regulating Valve		
3	000008892	Receiver		
4	5003883	Flare Nut - 0.5"		
4a	8332033	Water Coupling		
5	6061739	Back Coupling Panel - Water-cooled and Remote Air-cooled		
6	6000541	Receiver Strap		
7	5002249	Elbow - 0.5" MF x 0.375" MPT		
8	5202069	Screw - #10-24 x 0.5" HEX		
9	5573419	Washer		
10	000010604	Mounting Base - Water Condenser or Receiver		
11	8706083	Female Wing Adapter - Brass - 0.5"		

iF0600 - Refrigeration Compartment – Remote Components



iF0600 - Refrigeration Compartment – Remote Components

#	PART #	DESCRIPTION	QTY	Note
1	8250583	Receiver		
2		Liquid Line Solenoid Valve		
2a	000015048	Solenoid Valve 0.25" x 0.25" Including 208-230V/50-60 Hz Electrical Coil		[1]
2b	000005157	Solenoid Valve Coil Only - 230V/50-60 Hz		
3		Harvest Pressure Regulating Solenoid Valve		
3a	000015050	Solenoid Valve 0.25" x 0.25" Including 208-230V/50-60 Hz Electrical Coil		[2]
3b	000005157	Solenoid Valve Coil Only - 230V/50-60 Hz		
4	8367793	Harvest Pressure Regulating (HPR) Valve		[3]
5	7600193	Expansion Valve		
6	8930279	Drier without Access Port - 0.375"		
7	8360343	Coupling - Male - 0.625"-18		
7a	8360053	Coupling Mounting Flange for 0.625"-18		
8	8360353	Coupling - Male - 1.17"-12		
8a	8360063	Coupling Mounting Flange for 1.17"-12		
9	000018464	Schrader Valve - Replaces Receiver Service Valve		
10	8373149	Magni-Check Valve - 0.375"		
11		Receiver Mounting		
11a	6000561	Mounting Bracket - Receiver		
11b	6307214	Mounting Strap - Receiver		
11c	000010983	Support Bracket		
11d	000011072	Base - Water/RemoteCondnenser		
11e	5202069	Screw - #10-24 x 0.5" HEX		
12	5650359	Plastic Tie		

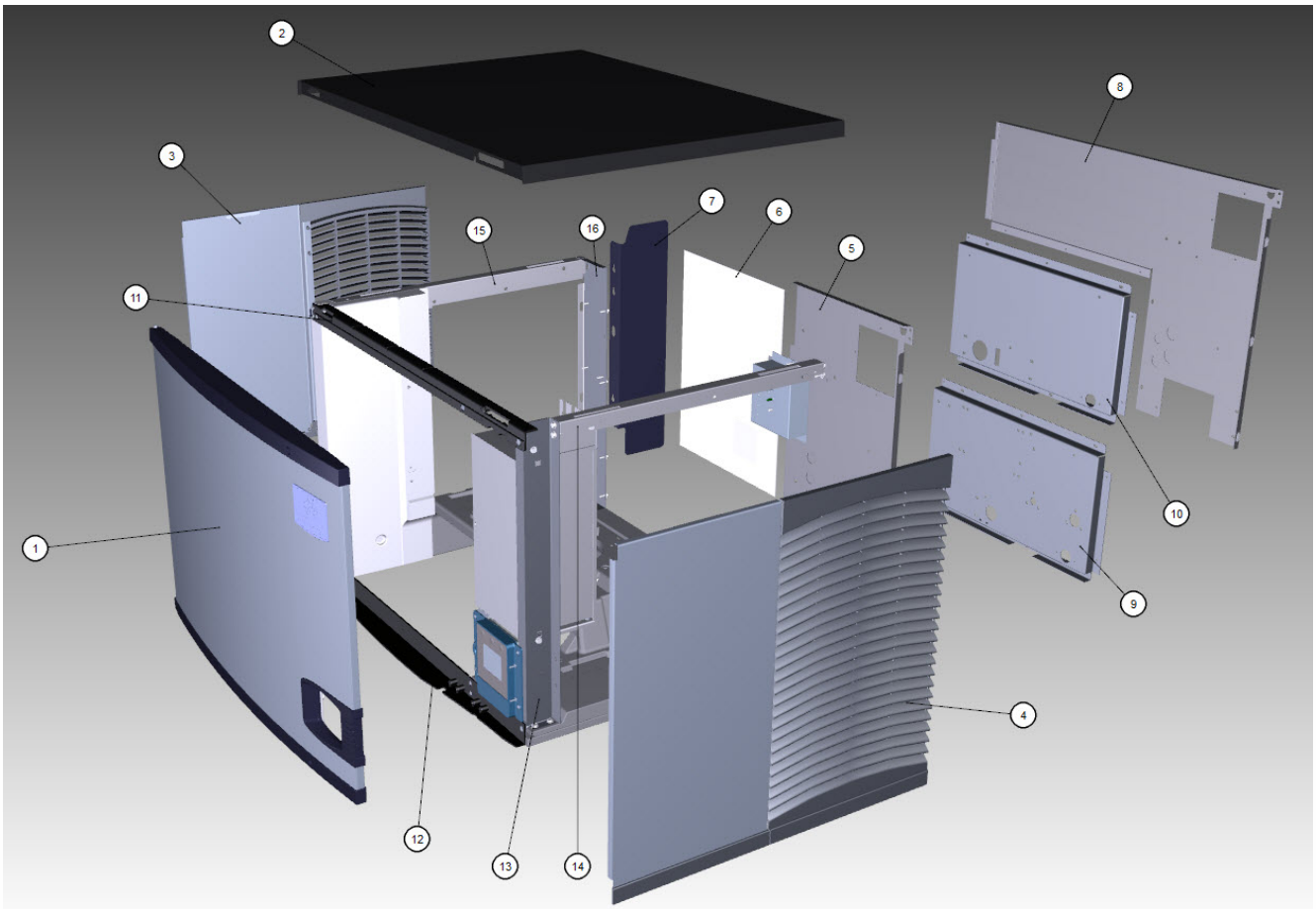
PART NOTES:

[1] - Without Screen Danfoss

[2] - With Screen

[3] - HPR

iF0600 - Panels



iF0600 - Panels

#	PART #	DESCRIPTION	QTY	Note
1	000015667	Front Panel Assembly - 30" x 21.5"		
1a	040008047	Front Panel Assembly - 30" x 21.5" - SS		[1]
1b	5004899	Front Panel Screw		
1c	000006538	Front Panel Top Endcap - Hinged		
1d	040007386	Front Panel Top Endcap		[2]
1e	000006539	Front Panel Bottom Endcap - Hinged		
1f	040007387	Front Panel Bottom Endcap		[2]
1g	000009024	Foam Tape - 0.375" x 0.375" x 12.0"		[3]
2	000006699	Top Cover		
3	000012616	Left Side Panel - 21.5" H		
3a	040005623	Left Side Panel - 21.5" H - SS		[1]
4	000012615	Right Side Panel - 21.5" H		
4a	040005622	Right Side Panel - 21.5" H - SS		[1]
5	3005689	Air Filter - 18.88" x 17.19"		
6	000011039	Back Panel - Air-cooled		
7	000007314	Air Baffle Assembly		
8	000009153	Back Panel with Electrical Connection Box - Water-cooled and Remote Air-cooled		
9	6061739	Back Coupling Panel - Water-cooled and Remote Air-cooled		
10	000008482	Panel - Water Regulating Valve - High Pressure		
11	000010051	Front Top Support		
11a	5005379	Mounting Screw - #8-32 x 1.0" PHIL		
11b	5005099	Screw - #10-16 x 0.625"		
12	7602263	Bottom Door Frame		
12a	5005379	Mounting Screw - #8-32 x 1.0" PHIL		
12b	5202099	Screw - #10-24 x 0.5" PHIL		
12c	000001127	Tapping Plate - Panel Hinge Screws		
13	000011326	Right Corner Post		
14	000011032	Right Top Channel		
15	6068649	Left Top Channel		
16	000011100	Left Corner Post		
17	3005579	Left Panel Pivot Leaf Hinge		
18		Electrical Box on Rear of Ice Machine		
18a	6067289	Rear Connection Box		
18b	6067299	Cover - Rear Connection Box		
18c	5202169	Screw - #10-24 x 0.5" Ground		
19	K00379	Top Air Discharge Kit Option		[4]
20	7112239	Cartoning		
21	000006564	LCD Frame without Key Guard		
22	000012003	Bulkhead Gasket		

PART NOTES:

[1] - APAC and EMEA Only

Only Used with Serial Numbers Beginning with 31

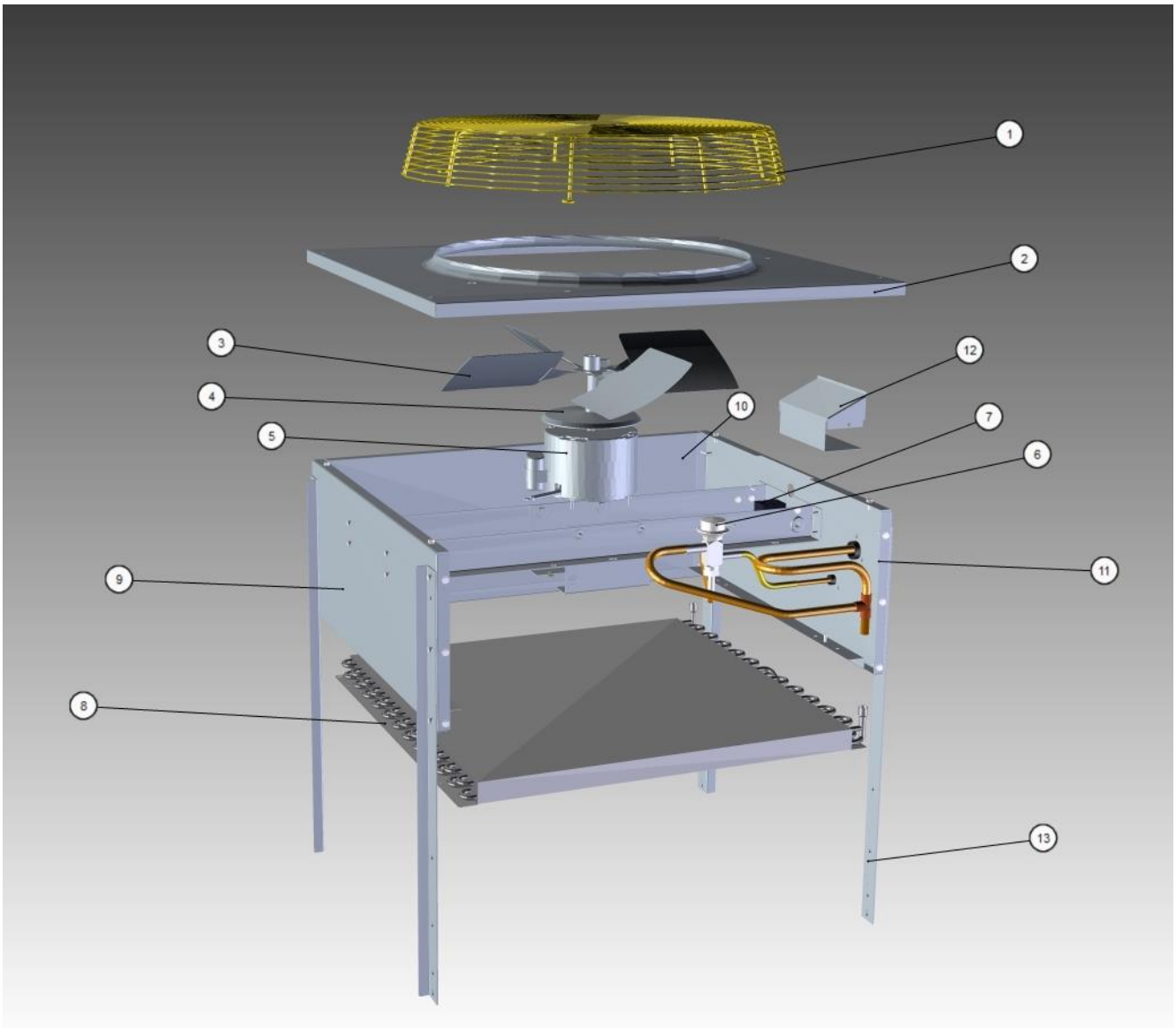
[2] - APAC EMEA Only

Only Used with Serial Numbers Beginning with 31

iF0600 - Panels

#	PART #	DESCRIPTION	QTY	Note
[3]	-	Priced per foot. Must order 25 feet.		
[4]	-	Top air discharge kits are used when there is not sufficient clearance on the sides of an air-cooled machine. The kit will change the side panels and top panel so the air intake is from the back of the machine and the exhaust is re-routed out of the top of the machine rather than the sides. Includes Louvered Top Cover, Solid LH Panel, Solid RH Panel and Screws.		

JCF0900 Remote Condenser



JCF0900 Remote Condenser

#	PART #	DESCRIPTION	QTY	Note
1	3400643	Fan Guard		
2	6017751	Top Cover		
3	2416113	Fan Blade		
4	2415053	Rain Slinger		
5	7629413	Fan Motor - 208-230V/50-60 Hz/1 Ph		
5a	000010947	Fan Motor Mounting Bracket - Support		
5b	000010917	Fan Motor Mounting Bracket and Bottom Bracket for Legs		
6	000004070	Head Pressure Control Valve - 225 PSI		
7	000008040	Terminal Block - 3 Pole		
8	8850629	Air Condenser		[1]
8a	8850627	Air Condenser - Coated		
9	000000607	Panel - Front		
10	000010865	Panel - Side		
11	000000608	Panel - Rear		
12	6017761	Electrical Box Cover		
13	000010873	Legs		[2]
14	5035659	Fan Motor Mounting Screw		
14a	5573099	Mounting - Flat Washer		
14b	5573139	Lockwasher		
14c	5429759	Hex Nut		
15	5033459	Screw - 0.25"-20 x 0.625"		
15a	5573049	Flat WasherMounting -		
15b	5545119	Mounting - Lock Washer		
15c	5429529	Mounting - Hexnut		
16	5202069	Screw - #10-24 x 0.5" HEX		
17	K00129	Female Line Set Coupling Kit		
18	7108369	Cartoning		

PART NOTES:

[1] - Includes flush-cop bushing
[2] - Sold Individually