



Manitowoc

Foodservice

Parts Manual

For more Parts Information:

<https://manitowocfsg.sysonline.com/Default.aspx>

TABLE OF CONTENTS

Manitowoc Foodservice [Updated: Sep. 30, 2013]

Manitowoc - Ice & Related

Parts Catalog

Ice Machine

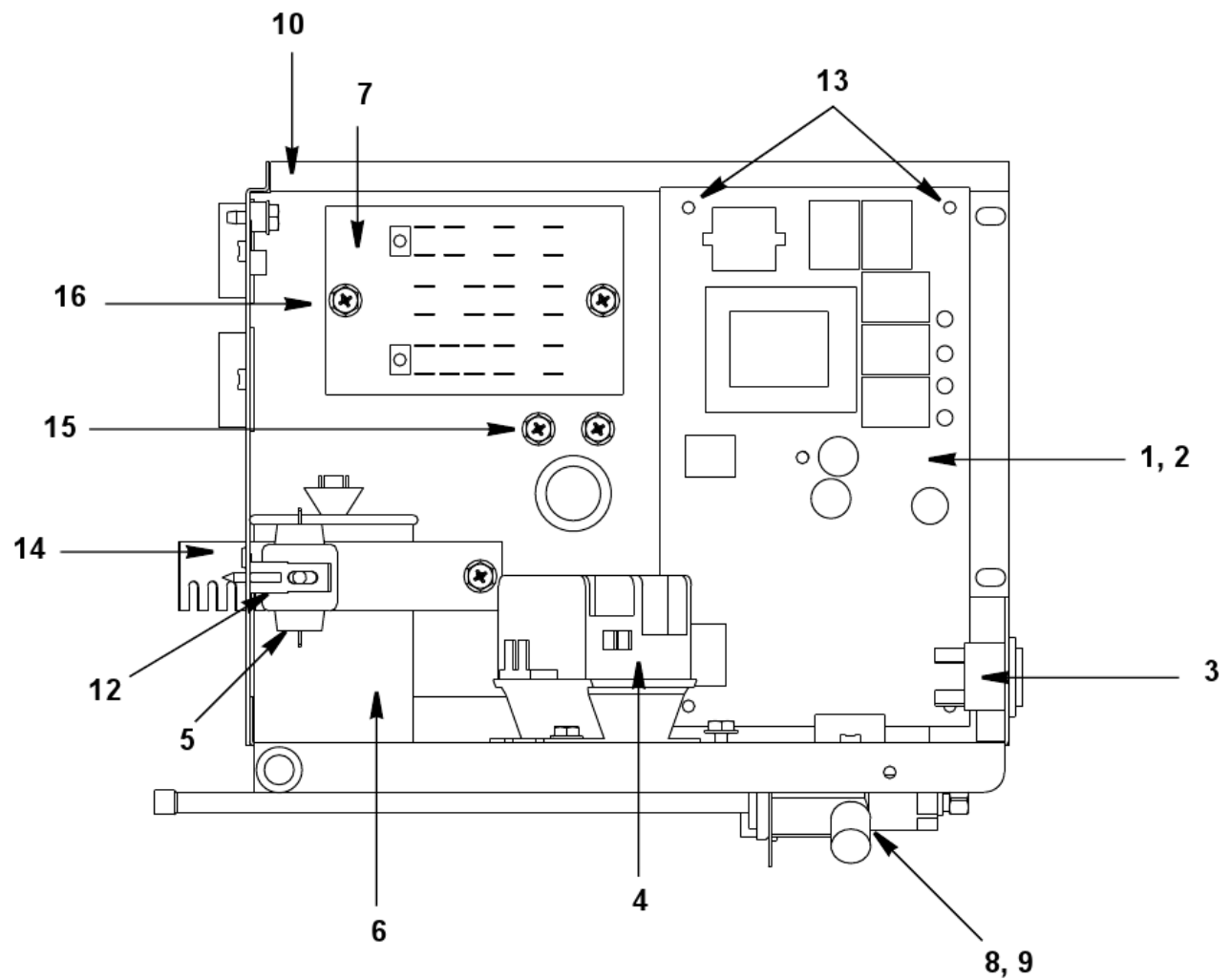
Q Series

Q Model - Air, Water & Remote

Q1300, JC1395

Q1300 - Control Box Components	1
Q1300 - Evaporator Compartment - Common Components	3
Q1300 - Refrigeration Compartment - Common Components	5
Q1300 - Refrigeration Compartment - Air-cooled Components	7
Q1300 - Refrigeration Compartment - Water-cooled Components	9
Q1300 - Refrigeration Compartment - Remote Components	11
Q1300 - Panels	13
JC1395 Remote Condenser Components	15

Q1300 - CONTROL BOX COMPONENTS

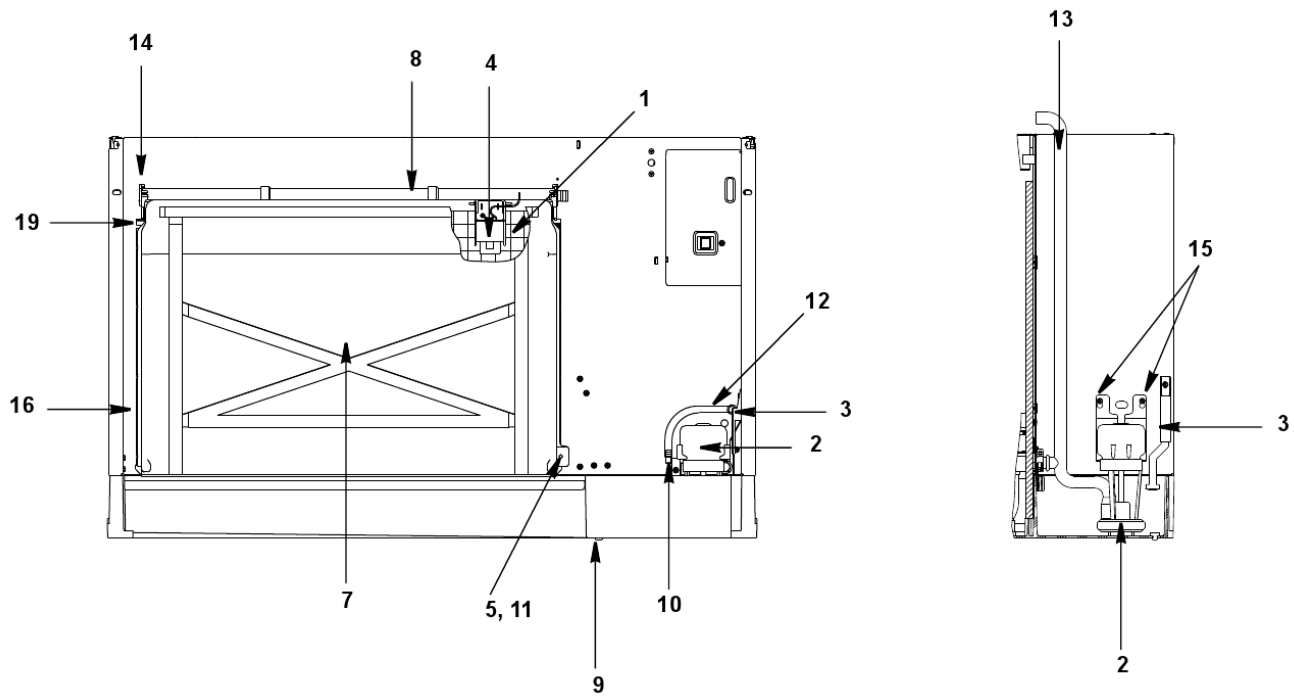


Q1300, JC1395

Q1300 - CONTROL BOX COMPONENTS

#	PART #	DESCRIPTION	QTY	Note
1	7627823	Control Board		
2	2511003	7 Amp Fuse - Mounted on Control Board		
3	2301343	Toggle Switch Only		
3a	2032173	Toggle Switch with Wiring Harness Attached		
4		Contactor		
4a	2006609	Contactor - 208-230V/50-60 Hz/1 Ph		
4b	2006619	Contactor - 230V/60 Hz/3 Ph		
5	8504913	PTCR		
6		Compressor Run Capacitor		
6a	000000028	Run Capacitor - 208-230V/50-60 Hz/1 Ph		
7		Terminal Board with Wire Harness Attached		
7a	2032413	Wiring Harness 208-230V/60 Hz/1 Ph		
7b	2032433	Wiring Harness 208-230V/60 Hz/3 Ph		
7c	2032423	Wiring Harness - 230V/50 Hz/1 Ph		
8	8373263	Refrigeration Service Valve Assembly		
9	5475039	Locknut - 0.375" - 18 NPS		
10	6025593	Control Box		
11	7628523	Control Box Cover		
12	8504953	PTCR Bracket		
13	4302253	Control Board Mounting Supports		
14	6024951	Capacitor Bracket		
15	5202169	Screw - #10-24 x 0.50" Ground		
16	5202069	Screw - #10-24 x 0.50" HEX		

Q1300 - EVAPORATOR COMPARTMENT - COMMON COMPONENTS



Q1300, JC1395

Q1300 - EVAPORATOR COMPARTMENT - COMMON COMPONENTS

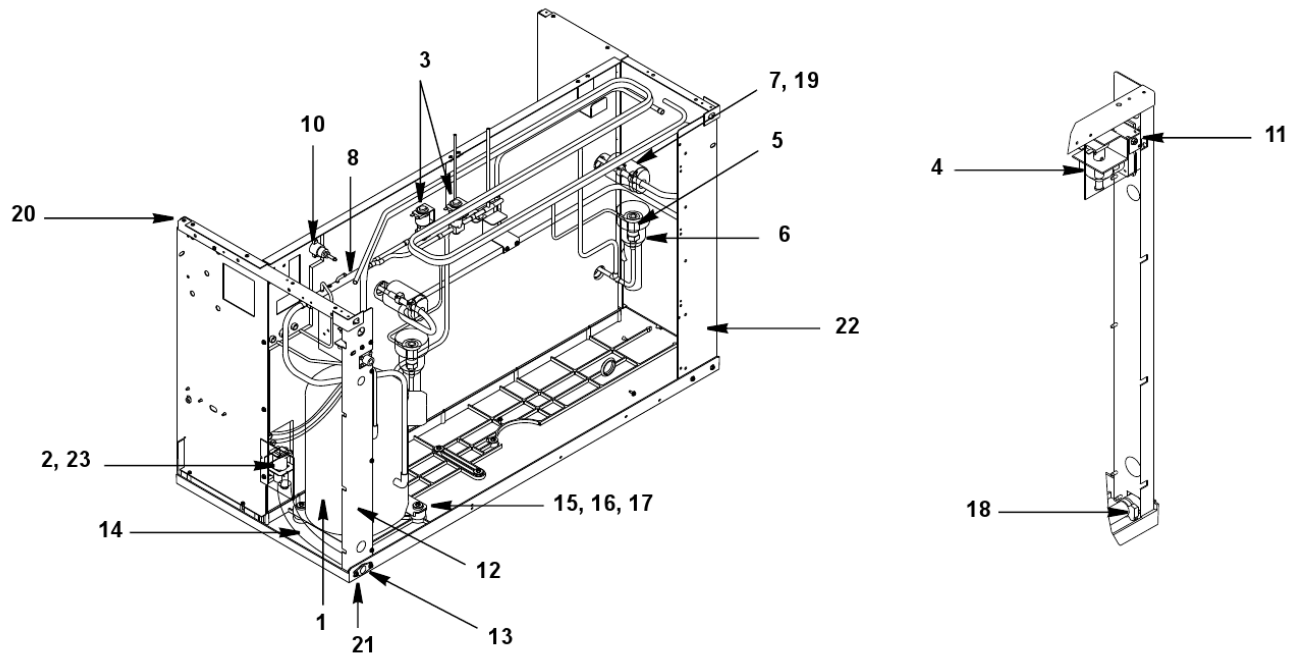
#	PART #	DESCRIPTION	QTY	Note
1		Evaporator Assembly		
1a	7626939	Evaporator - Regular Cube		
1b	7626949	Evaporator - Dice Cube		
1c	7626959	Evaporator - Half Dice Cube		
2	1480279	Water Pump - 208-230V/50-60 Hz		
3	2511293	Water Level Probe		
4	7627813	Ice Thickness Control Probe		
5	2301483	Magnetic Bin Switch		
6	7620543	Water Flow Clamp - Use on Regular Cube Evap. Only		
7	4004753	Water Curtain		
8	4303223	Water Distribution Tube - 48" Models - J/Q		
9	4300629	Water Trough Plug		
10	4303883	Water Inlet Flow Tube		
11	7628023	Water Curtain Magnet and Cap		
12	4421313	Water Inlet Tubing 0.375 ID		
13	4421153	Water Pump Out Tubing		
14	5000013	Thumbscrew - #8-32 x 0.375"		
15	5202069	Screw - #10-24 x 0.50" HEX		
16	5202189	Screw - #10-24 x 0.75"		[1]
17	7628063	Base and Water Trough Repair Kit		
18	7628013	Evaporator Top Molding and Gasket Assembly		
19	7628563	Water Curtain Pin Assembly		

PART NOTES:

[1] - Used to Mount Evaporator

Q1300, JC1395

Q1300 - REFRIGERATION COMPARTMENT - COMMON COMPONENTS



Q1300, JC1395

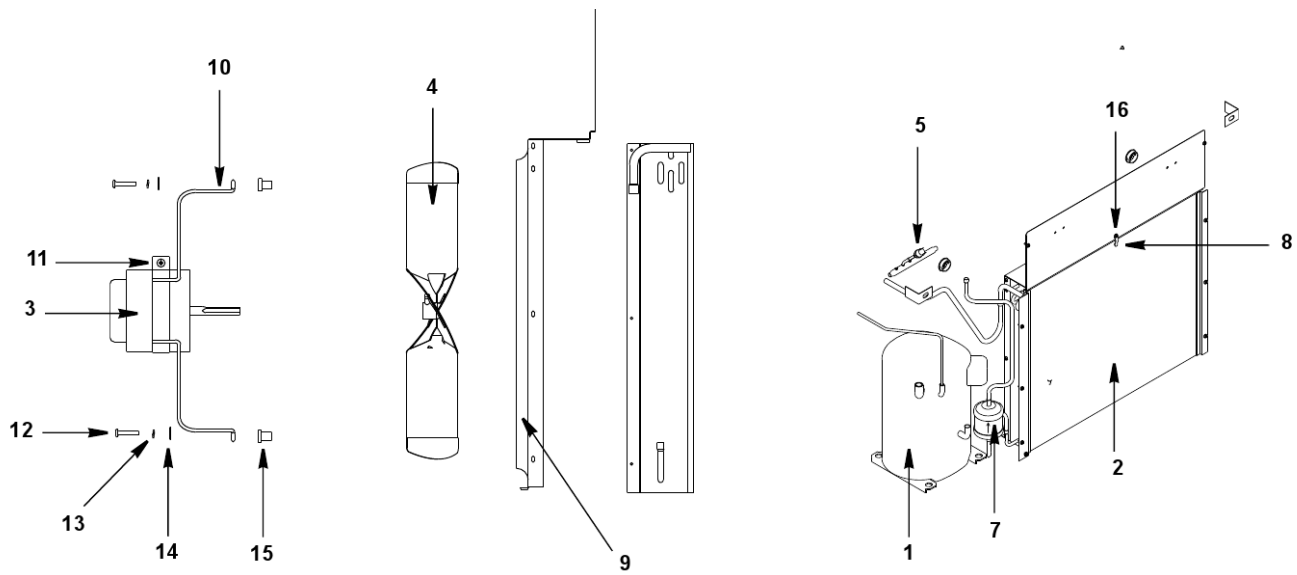
Q1300 - REFRIGERATION COMPARTMENT - COMMON COMPONENTS

#	PART #	DESCRIPTION	QTY	Note
1		Compressor		
1a	7626873	Compressor - Copeland - 208-230V/60 Hz/1 Ph		
1b	7626883	Compressor - Copeland - 208-230V/60 Hz/3 Ph		
1c	7627003	Compressor - Copeland - 230V/50 Hz/1 Ph		
1d	7627013	Compressor - Copeland - 415V/50 Hz/3 Ph		[1]
2		Water Dump Valve		
2a	000001768	Water Dump Valve - 208-230V/50-60 Hz		
3		Harvest Valve		
3a	7630101	Danfoss Solenoid Valve with Coil - 230V/50-60 Hz		
3b	000005157	Danfoss Solenoid Valve Coil Only - 230V/50-60 Hz		[2]
3c	2404483	Alco Solenoid Valve Coil Only - 230V/50 Hz		
4		Water Inlet Valve		
4a	000007966	Water Inlet Valve - 208-230V/50-60 Hz		
5	7600223	Expansion Valve		
6		Expansion Valve Body Insulation Boot		
6a	4007213	Valve Insulation Boot - Body		
6b	4000363	Valve Insulation Boot - Body		
7	4007203	Valve Insulation Boot - Bulb		[3]
8	8250973	Manifold Strainer		
9	2078103	Water Pump Electrical Wire Lead		
10a	2355369	High Pressure Cut-out Control		[4]
10b	2001243	High Pressure Cut-out Control		[5]
11	6023541	Dump Valve/Water Inlet Valve Mounting Bracket		
12	6022041	Right Corner Post Weldment		
13	8706083	Female Wing Adapter - 0.50"		
14	4420383	Clear Tubing - 0.625" ID		
15	8503069	Mounting - Rubber Grommet		
16	5573419	Washer		
17	5012309	Compressor Mounting - Screw		
18	5650709	Snap Clamp - 0.799"/0.899" ID		
19	5650529	Clamp - Expansion Valve Bulb		
20	5202099	Screw - #10-24 x 0.50" PHIL		
21	5202189	Screw - #10-24 x 0.75"		
22	6045141	Left Corner Post Weldment		
23	6015971	Dump Valve Mounting Bracket		
24	2006143	Terminal Block - 50 Hz - 3 Pole		

PART NOTES:

- [1] - Remote Ice Machines Only
- [2] - \pages from 000005156_02.jpg" width=266 height=183>
- [3] - \pages from 400720_08.jpg" width=923 height=583>
- [4] - Manual Reset
- [5] - Auto Reset

Q1300 - REFRIGERATION COMPARTMENT - AIR-COOLED COMPONENTS



Q1300, JC1395

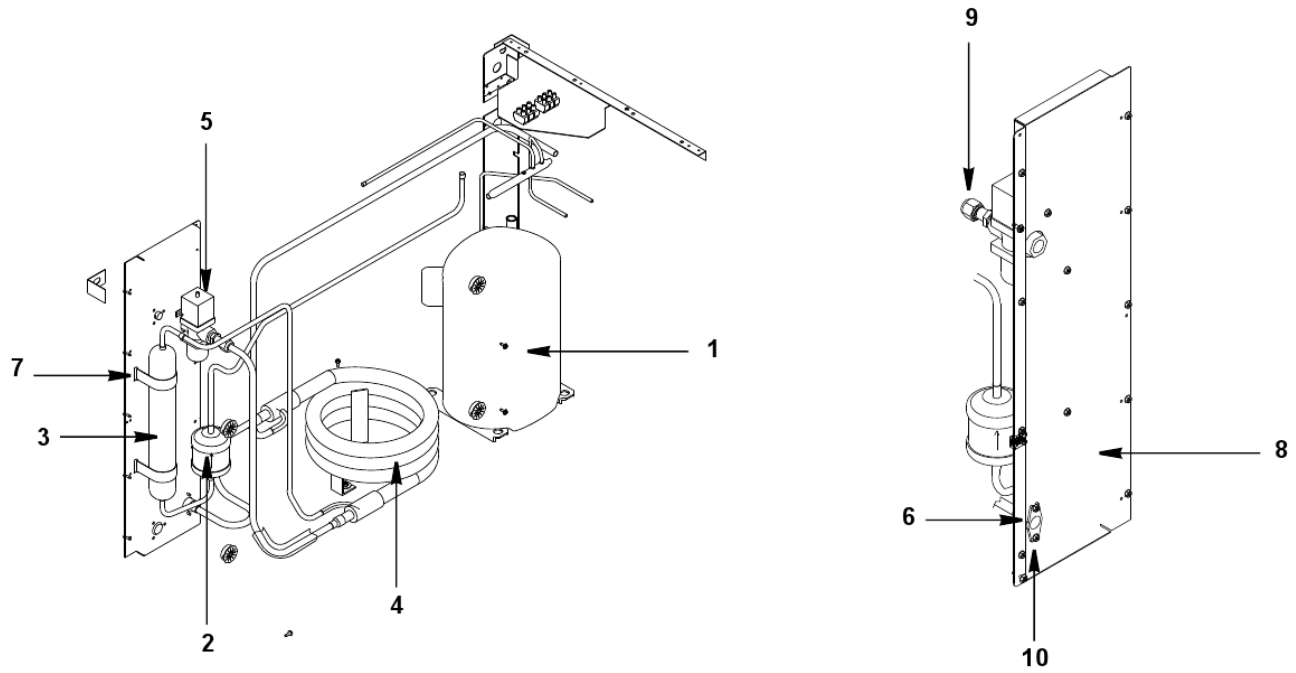
Q1300 - REFRIGERATION COMPARTMENT - AIR-COOLED COMPONENTS

#	PART #	DESCRIPTION	QTY	Note
1		Compressor		[1]
2	8851283	Air Condenser		
3	7626733	Fan Motor - 208-230V/50-60 Hz		
4	2416113	Fan Blade		
5	2001273	Fan Cycling Control - 225-275 psig		[2]
6	4040243	Air Filter		
7	8930279	Drier		
8	5650699	Air Filter Clip		
9	6045181	Fan Shroud		
10	3006823	Fan Motor Mounting Bracket		
11	5033589	Mounting - Screw		
11a	5545109	Lockwasher		
11b	5429529	Mounting - Hexnut		
12	5033589	Mounting - Screw		
13	5545109	Lockwasher		
14	5573059	Mounting - Flatwasher		
15	5429559	Mounting - Rubber Wellnut		
16	5202069	Screw - #10-24 x 0.50" HEX		

PART NOTES:

- [1] - Refer to COMMON PARTS Page
- [2] - \pages from 200126_09.jpg" width=170 height=228>

Q1300 - REFRIGERATION COMPARTMENT - WATER-COOLED COMPONENTS



Q1300, JC1395

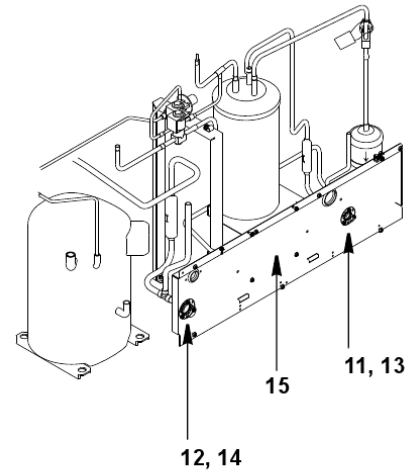
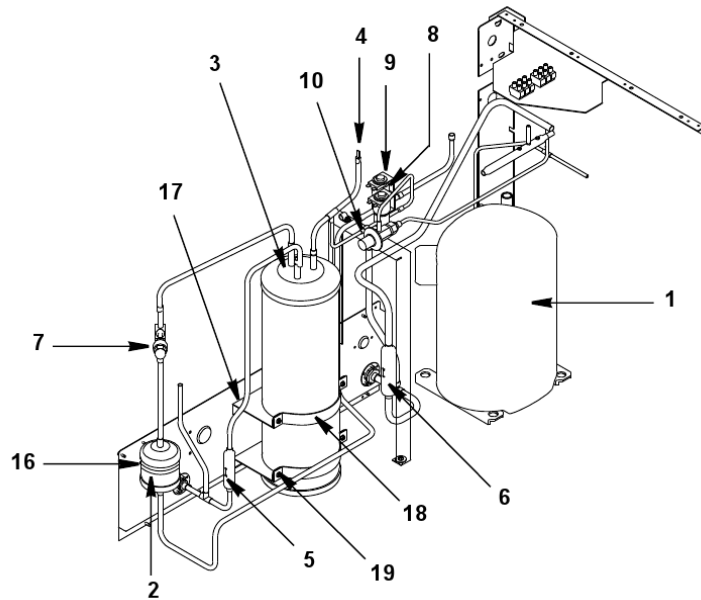
Q1300 - REFRIGERATION COMPARTMENT - WATER-COOLED COMPONENTS

#	PART #	DESCRIPTION	QTY	Note
1		Compressor		[1]
2	8930279	Drier		
3	000008894	Receiver		
4	000001508	Water-Cooled Condenser		
5	8372123	Water Regulating Valve		
6	8706083	Female Wing Adapter - 0.50"		
7	6000541	Receiver Strap		
8	6019051	Back Panel		
9	8334193	Water Regulating Valve Union		
10	5202069	Screw - #10-24 x 0.50" HEX		

PART NOTES:

[1] - Refer to COMMON PARTS Page

Q1300 - REFRIGERATION COMPARTMENT - REMOTE COMPONENTS



Q1300, JC1395

Q1300 - REFRIGERATION COMPARTMENT - REMOTE COMPONENTS

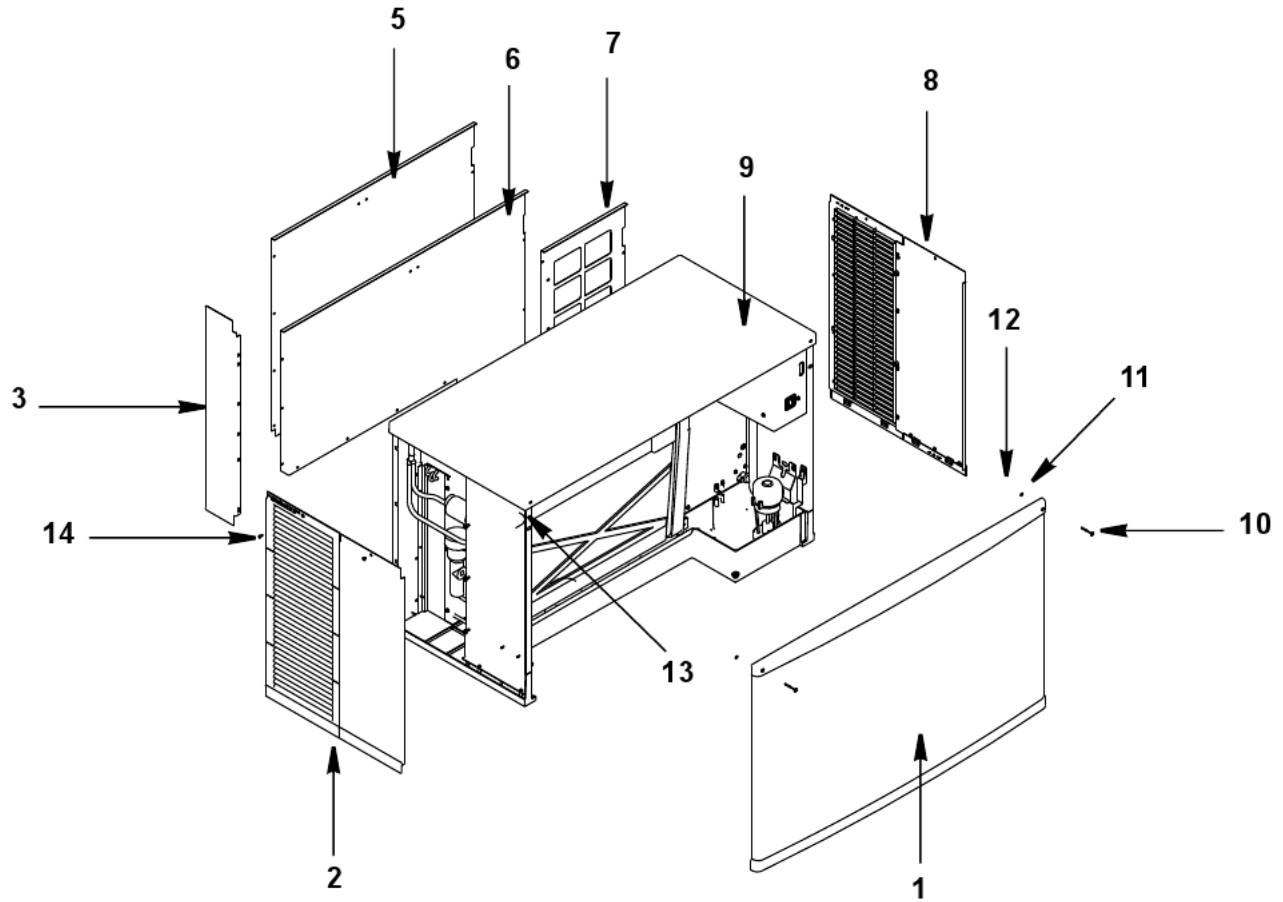
#	PART #	DESCRIPTION	QTY	Note
1		Compressor		[1]
2	8930279	Drier		
3	7629583	Receiver		
4		Safety Soft Plug		[2]
5	8373149	Magni-Check Valve - 0.375"		
6	8373159	Magni-Check Valve - 0.5"		
7	8373169	Receiver Service Valve		
7a	5650753	Caps for Refrigeration Service Valve		
8		Harvest Pressure Regulating Solenoid Valve		
8a	7630061	Danfoss Solenoid Valve with Coil - 208-230V/50-60 Hz		
8b	000005157	Danfoss Solenoid Valve Coil Only - 230V/50-60 Hz		[3]
8c	2404483	Alco Solenoid Valve Coil Only - 230V/50 Hz		
9		Liquid Line Solenoid (LLS) Valve		
9a	7630101	Solenoid Valve with Coil - 230V/50-60 Hz		
9b	2404483	Alco Solenoid Valve Coil Only - 230V/50 Hz		
10	8367793	Harvest Pressure Regulating Valve		
11	8360343	Coupling - Male - 5/8-18		
12	8360353	Coupling - Male - 1-1/6-12		
13	8360053	Coupling Mounting Flange for 5/8-18		
14	8360063	Coupling Mounting Flange for 1-1/16-12		
15	6019051	Back Panel		
16	5650359	Drier Plastic Tie		
17	6000561	Receiver Mounting Bracket		
18	6307214	Receiver Mounting Strap		
19	5202069	Screw - #10-24 x 0.50" HEX		

PART NOTES:

- [1] - Refer to COMMON PARTS
- [2] - No Longer Available
- [3] - \pages from 000005156_02.jpg" width=266 height=183>

Q1300, JC1395

Q1300 - PANELS



Q1300, JC1395

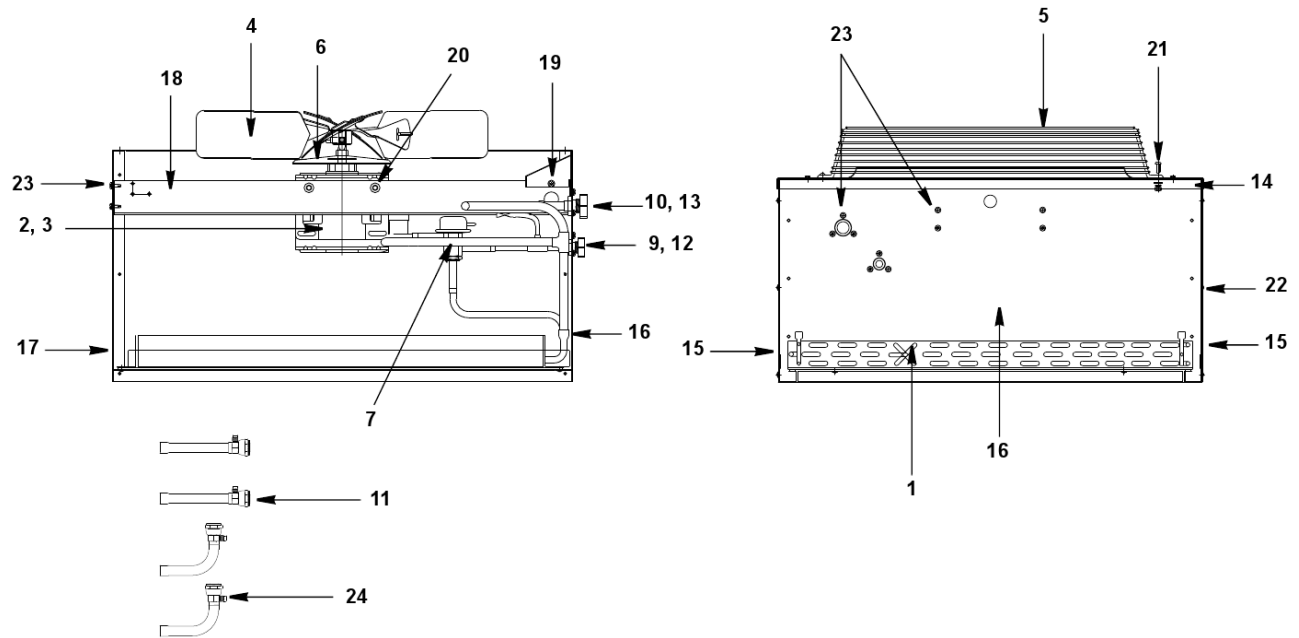
Q1300 - PANELS

#	PART #	DESCRIPTION	QTY	Note
1	7628793	Front Panel Assembly		
2	7628593	Left Side Panel		
3	6023761	Air Baffle		
4	4040243	Air Filter		
5	6025991	Back Panel, Water		
6	6026071	Back Panel, Remote		
7	6045171	Back Panel, Air		
8	7628603	Right Side Panel		
9	4303323	Top Cover		
10	5119019	Screw - #8 x 1.75"		[1]
11	5573389	Washer - Nylon 0.171" x 0.38"		[1]
12	5648279	Screw Retainer - Nylon #8		[1]
13	5473039	Speed Nut Assembly to Mount Front Cover		[1]
14	5202099	Screw - #10-24 x 0.50" PHIL		
15	9202509	Extruded Tape		

PART NOTES:

[1] - Items 10, 11, 12 and 13 can be ordered as assembly 7628983.

JC1395 REMOTE CONDENSER COMPONENTS



Q1300, JC1395

JC1395 REMOTE CONDENSER COMPONENTS

#	PART #	DESCRIPTION	QTY	Note
1	8850903	Air Condenser		
2	7629413	Fan Motor - 208-230V/50-60 Hz/1 Ph		
3	8504583	Fan Motor Run Capacitor		[1]
4	2416113	Fan Blade		
5	3400643	Fan Guard		
6	2415053	Rain Slinger		
7	000004070	Head Pressure Control Valve		
8	000008040	Terminal Block - 3 Pole		
9	8360343	Coupling - Male - 5/8-18		
10	8360353	Coupling - Male - 1-1/6-12		
11	K0129	Female Line Set Coupling Kit		
12	8360053	Coupling Mounting Flange for 5/8-18		
13	8360063	Coupling Mounting Flange for 1-1/16-12		
14	6017891	Top Cover		
15	6017901	Panel - Side Before Serial Number 110529484		
16	6017911	Panel - Rear Before Serial Number 110529484		
17	6017921	Panel - Front Before Serial Number 110529484		
18	6017681	Fan Motor Mounting Bracket		
19	6017761	Electrical Box Cover		
20	5035659	Fan Motor Mounting Screw		
20a	5573099	Mounting - Flatwasher		
20b	5573139	Mounting - Lockwasher		
20c	5429759	Mounting - Hexnut		
21	5033459	Screw - 1/4-20 x 0.625"		
21a	5573049	Flatwasher		
21b	5545119	Mounting - Lockwasher		
21c	5429529	Mounting - Hexnut		
22	5121539	Panel/Condenser Mounting Screw - #8 x 0.50"		
22a	5544599	Panel/Condenser Mounting Lockwasher		
23	5202059	Screw		
24	7626843	Valve Cores		
25	6017691	Legs		

PART NOTES:

[1] - Emerson