



# ***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

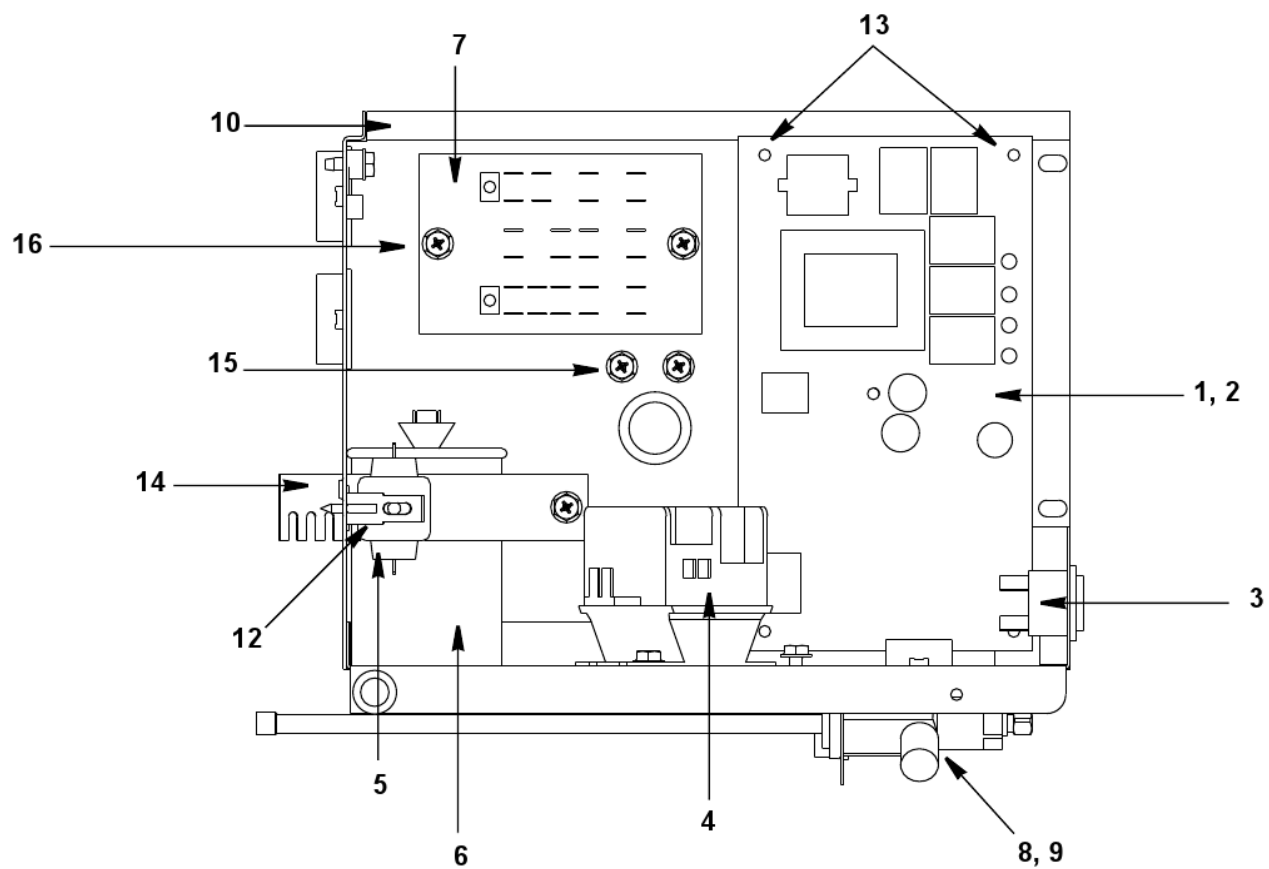
Q Series

Q Model - Air, Water & Remote

Q0600, DC0862, JC0895

Q0600 - Control Box Components .....	1
Q0600 - Evaporator Compartment - Common Components .....	3
Q0600 - Refrigeration Compartment - Common Components .....	5
Q0600 - Refrigeration Compartment - Air-cooled Components .....	7
Q0600 - Refrigeration Compartment - Water-cooled Components .....	9
Q0600 - Refrigeration Compartment - Remote Components .....	11
Q0600 - Panels .....	13
DC0862 Dual Circuit Remote Condenser Components .....	15
JC0895 Remote Condenser Components .....	17

## Q0600 - CONTROL BOX COMPONENTS



# Q0600, DC0862, JC0895

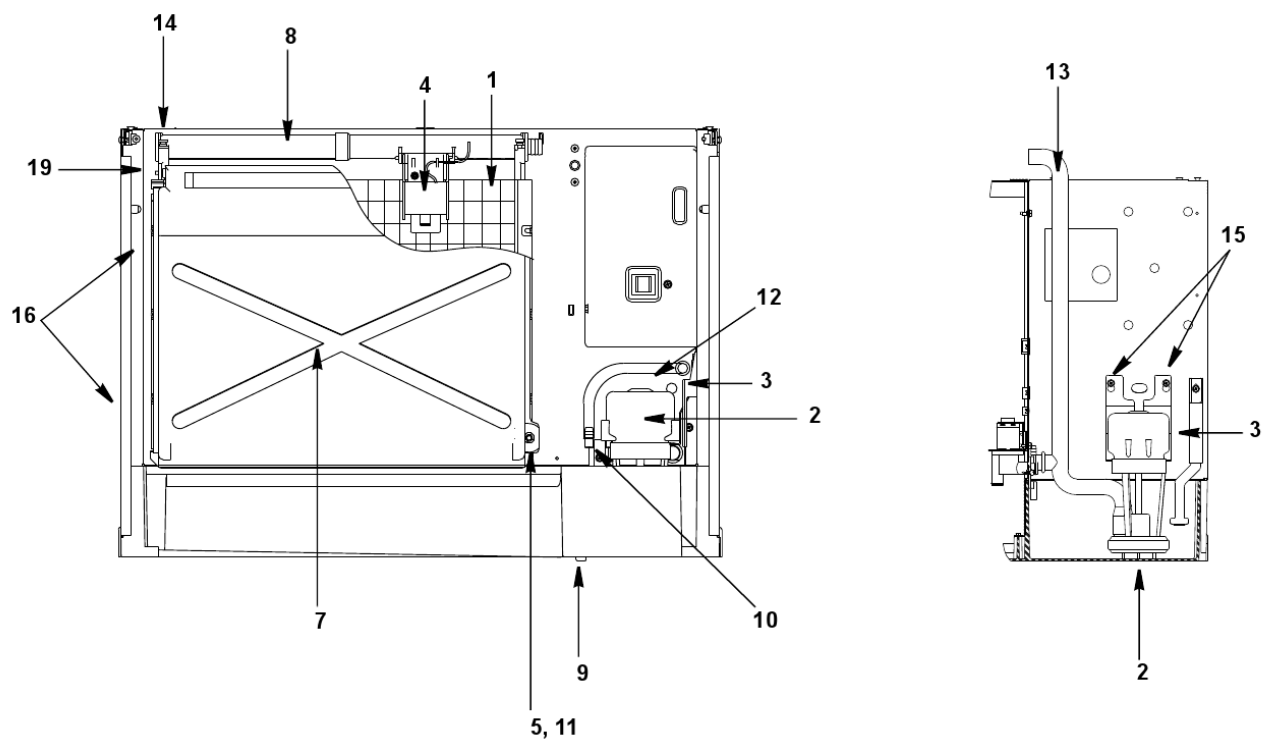
## Q0600 - CONTROL BOX COMPONENTS

#	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	2006599	Contactactor - 230V/50-60 Hz/1 Ph		
5	8504993	PTCR Compressor Starter		
6		Compressor Run Capacitor		
6a	2010143	Run Capacitor - 115V/60 Hz/1 Ph		
6b	8503933	Run Capacitor - 115-230V/50-60 Hz/1 Ph		
6c	8503933	Run Capacitor - 115-230V/50-60 Hz/1 Ph		
6d	8503933	Run Capacitor - 115-230V/50-60 Hz/1 Ph		
7		Terminal Board with Wire Harness Attached		
7a	2032293	Wiring Harness - 230V/60 Hz/1 Ph		
7b		Wiring Harness - 230V/50 Hz/1 Ph		[1]
8	8373263	Refrigeration Service Valve Assembly		
9	5475039	Locknut - 0.375" - 18 NPS		
10	6025593	Control Box		
11	7628523	Control Box Cover		
12	8505013	PTCR Compressor Starter Mounting 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		

### PART NOTES:

[1] - No Longer Available

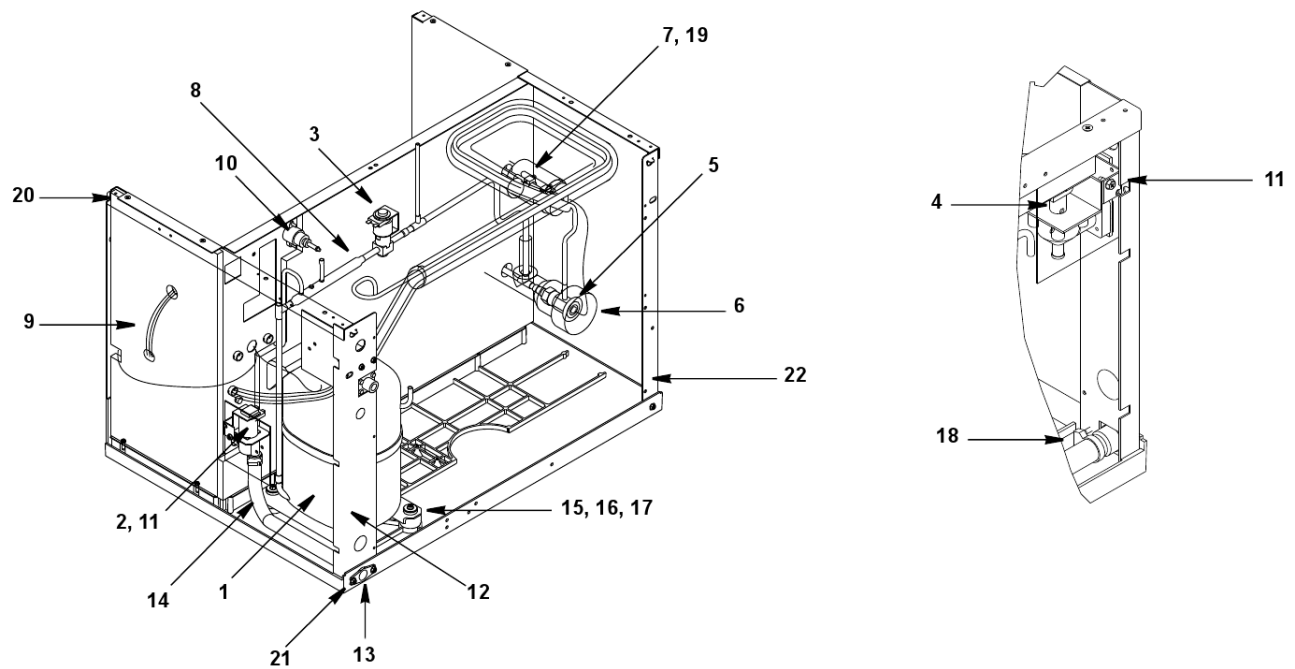
## Q0600 - EVAPORATOR COMPARTMENT - COMMON COMPONENTS



## Q0600 - EVAPORATOR COMPARTMENT - COMMON COMPONENTS

#	PART #	DESCRIPTION	QTY	Note
1		Evaporator Assembly		
1a	7625129	Evaporator - Regular Cube		
1b	7625119	Evaporator - Dice Cube		
1c	7625109	Evaporator - Half Dice Cube		
2	7626013	Water Pump - 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	4304643	Water Curtain		
8	7624983	Water Distribution Tube - B/J/Q		
9	4300629	Water Trough Plug		
10	4303883	Water Inlet Flow Tube		
11	7628023	Water Curtain Magnet and Cap		
12	4421113	Water Inlet Tubing 0.375 ID		
13	4421093	Water Pump 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"		
17	7628063	Base and Water Trough Repair Kit		
18	7626213	Evaporator Top Molding and Gasket Assembly		
19	7627763	Water Curtain Pin Assembly		

## Q0600 - REFRIGERATION COMPARTMENT - COMMON COMPONENTS



## Q0600 - REFRIGERATION COMPARTMENT - COMMON COMPONENTS

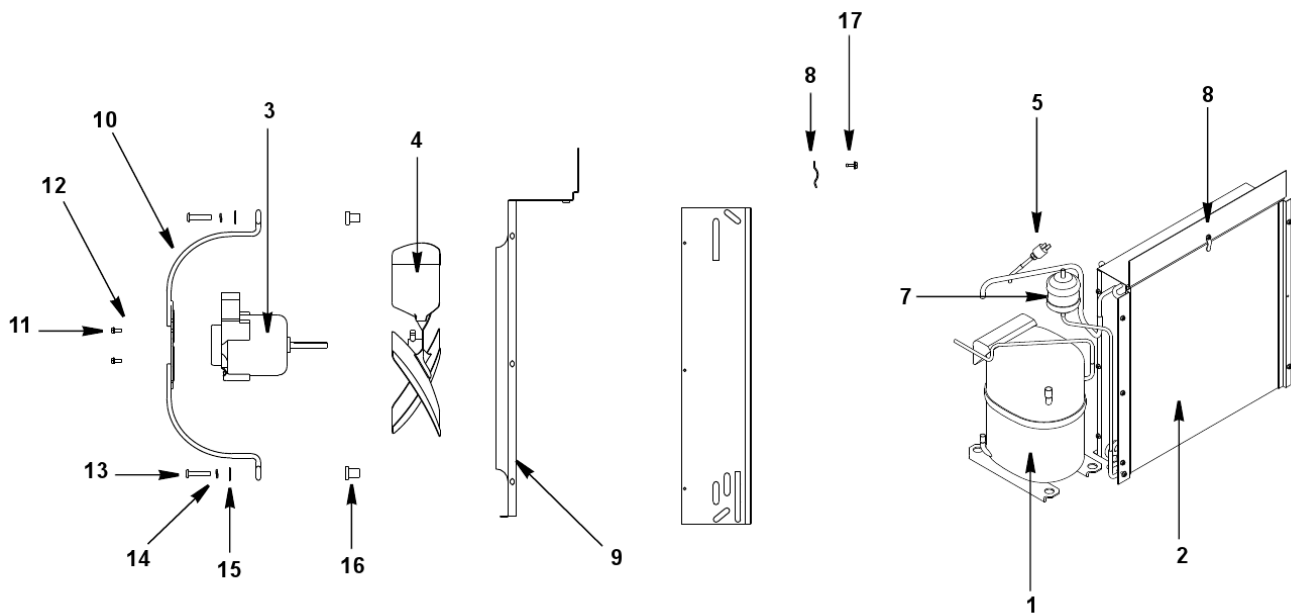
#	PART #	DESCRIPTION	QTY	Note
1		Compressor		
1a	000010555	Compressor - Bristol - 208-230V/60 Hz/1 Ph		
1b	000010556	Compressor - Bristol - 230V/50 Hz/1 Ph		
2		Water Dump Valve		
2a	000001768	Water Dump Valve - 208-230V/50-60 Hz		
3		Hot Gas Valve		
3a	7630101	Danfoss Solenoid Valve with Coil - 230V/50-60 Hz		
3b	000005157	Danfoss Solenoid Valve Coil Only - 230V/50-60 Hz		[1]
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	7600203	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		[2]
8	8310153	Manifold Strainer - 3 Hole		
8a	8250963	Manifold Strainer - 4 Hole		
9	2078103	Water Pump Electrical Wire Lead		
10	2355369	High Pressure Cut-out Control		[3]
10	2001243	High Pressure Cut-out Control		[4]
11	6023541	Dump Valve/Water Inlet Valve Mounting Bracket		
12	6019501	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	6019511	Left Corner Post Weldment		
23	2006143	Terminal Block - 50 Hz - 3 Pole		[5]

## PART NOTES:

- [1] - \pages from 000005156\_02.jpg" width=266 height=183>
- [2] - \pages from 400720\_08.jpg" width=923 height=583>
- [3] - Manual Reset
- [4] - Auto Reset
- [5] - 50 Hz only



# Q0600 - REFRIGERATION COMPARTMENT - AIR-COOLED COMPONENTS



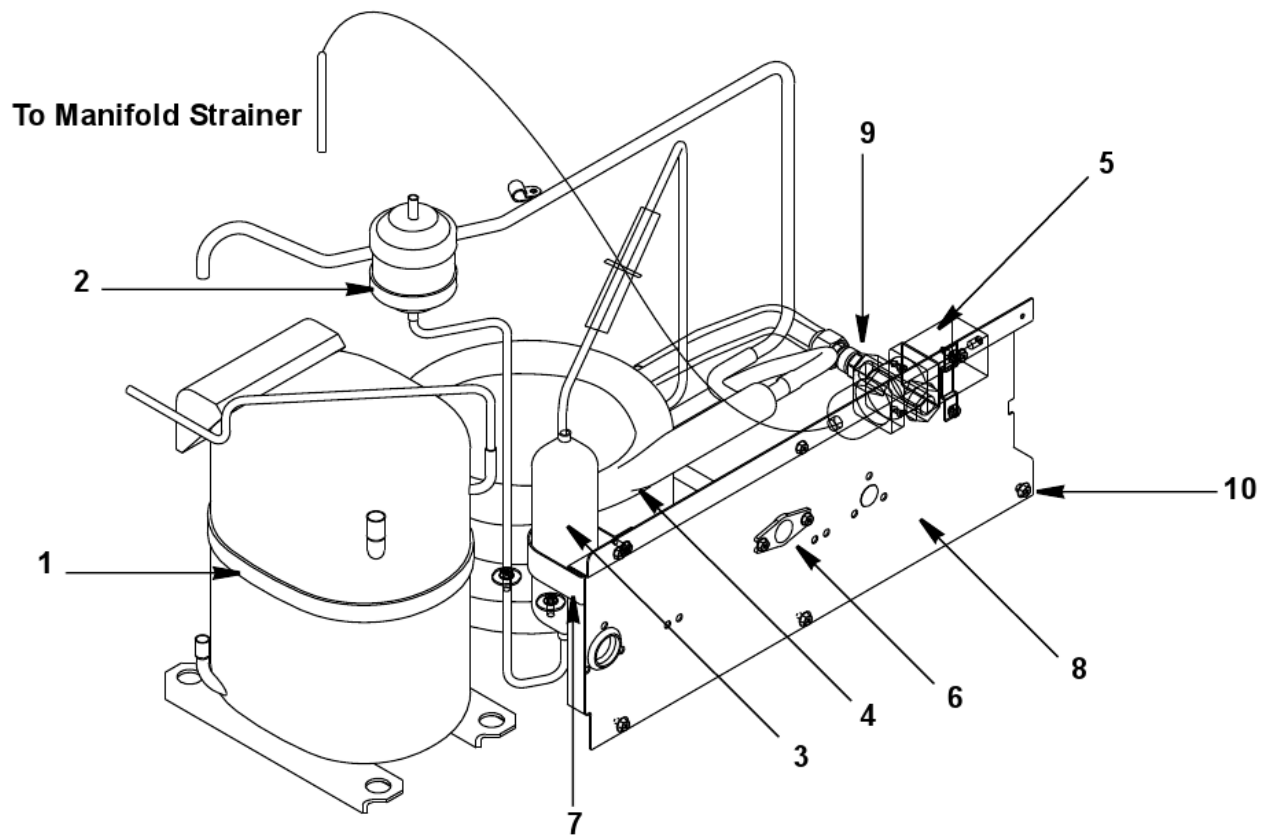
## Q0600 - REFRIGERATION COMPARTMENT - AIR-COOLED COMPONENTS

#	PART #	DESCRIPTION	QTY	Note
1		Compressor		[1]
2	8851253	Air Condenser		
3	2412939	Fan Motor 208-230V/50-60 Hz		
4	2416173	Fan Blade		
5	2001263	Fan Cycling Control - 200-250 psig		[2]
6	4040183	Air Filter		
7	8930259	Drier		
8	5650699	Air Filter Clip		
9	6061631	Fan Shroud		
10	3406623	Fan Motor Bracket		
11	5025599	Screw - #8-36 x 0.375"		
12	5504269	Flatwasher #8		
13	5033589	Mounting - Screw		
14	5545109	Lockwasher		
15	5573059	Mounting - Flatwasher		
16	5429559	Mounting - Rubber Wellnut		
17	5202189	Screw - #10-24 x 0.75"		

### PART NOTES:

- [1] - Refer to COMMON PARTS Page
- [2] - \pages from 200126\_09.jpg" width=150 height=306>

## Q0600 - REFRIGERATION COMPARTMENT - WATER-COOLED COMPONENTS



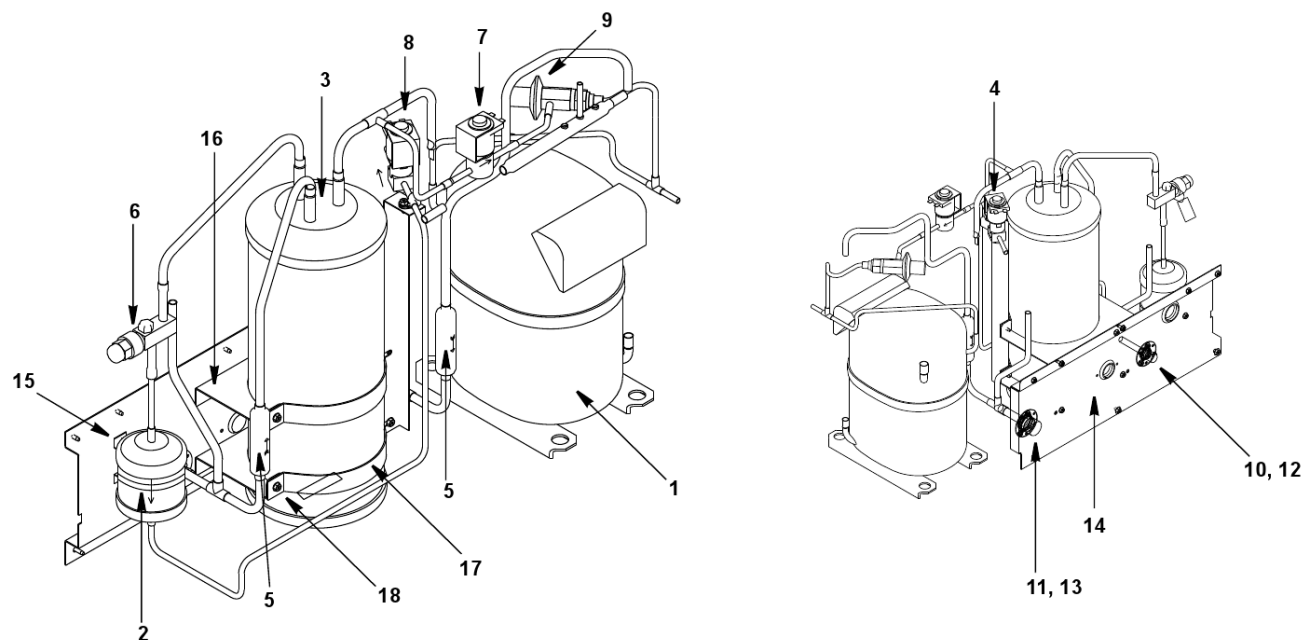
## Q0600 - REFRIGERATION COMPARTMENT - WATER-COOLED COMPONENTS

#	PART #	DESCRIPTION	QTY	Note
1		Compressor		[1]
2	8930259	Drier		
3	000008892	Receiver		
4	8865333	Water-cooled Condenser		
5	8372069	Water Regulating Valve		
6	8706083	Female Wing Adapter - 0.50"		
7	6000541	Receiver Strap		
8	6019061	Back Panel		
9	8332033	Water Coupling		
10	5202189	Screw - #10-24 x 0.75"		

### PART NOTES:

[1] - Refer to COMMON PARTS Page

## Q0600 - REFRIGERATION COMPARTMENT - REMOTE COMPONENTS



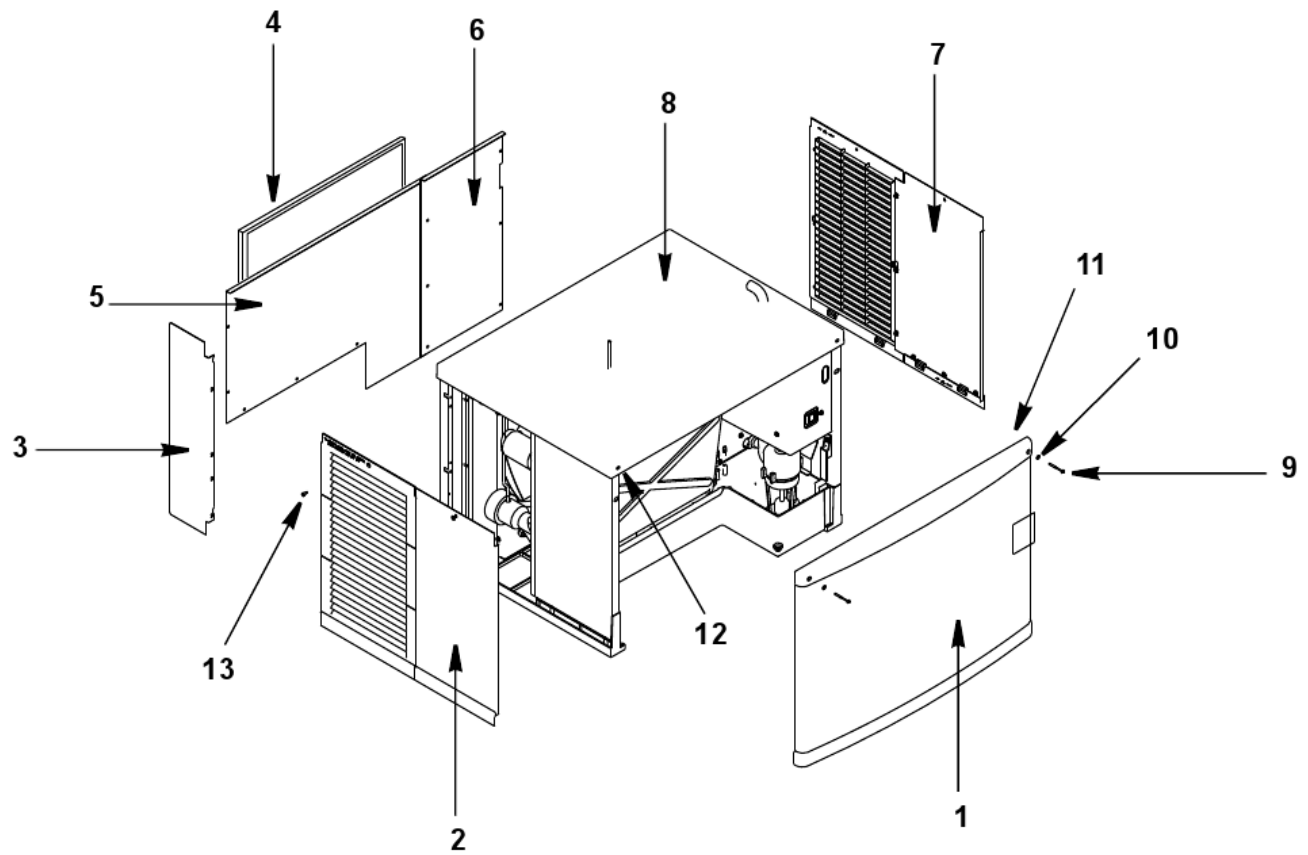
## Q0600 - REFRIGERATION COMPARTMENT - REMOTE COMPONENTS

#	PART #	DESCRIPTION	QTY	Note
1		Compressor		[1]
2	8930279	Drier		
3	7629573	Receiver		
4		Safety Soft Plug		[2]
5	8373149	Magni-Check Valve - 0.375"		
6	8373169	Receiver Service Valve		
6a	5650753	Caps for Refrigeration Service Valve		
7		Harvest Pressure Regulating Solenoid Valve		
7a	7630061	Danfoss Solenoid Valve with Coil - 208-230V/50-60 Hz		
7b	000005157	Danfoss Solenoid Valve Coil Only - 230V/50-60 Hz		[3]
7c	2404483	Alco Solenoid Valve Coil Only - 230V/50 Hz		
8		Liquid Line Solenoid Valve		
8a	7630081	Danfoss Solenoid Valve 208-230V		
8b	000005157	Danfoss Solenoid Valve Coil Only - 230V/50-60 Hz		[3]
8c	2404483	Alco Solenoid Valve Coil Only - 230V/50 Hz		
9	8367793	Harvest Pressure Regulating Valve		
10	8360343	Coupling - Male - 5/8-18		
11	8360353	Coupling - Male - 1-1/6-12		
12	8360053	Coupling Mounting Flange for 5/8-18		
13	8360063	Coupling Mounting Flange for 1-1/16-12		
14	6019061	Back Panel		
15	6017371	Drier Support Bracket		
16	6000561	Receiver Mounting Bracket		
17	6307214	Receiver Mounting Strap		
18	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>

Q0600 - PANELS



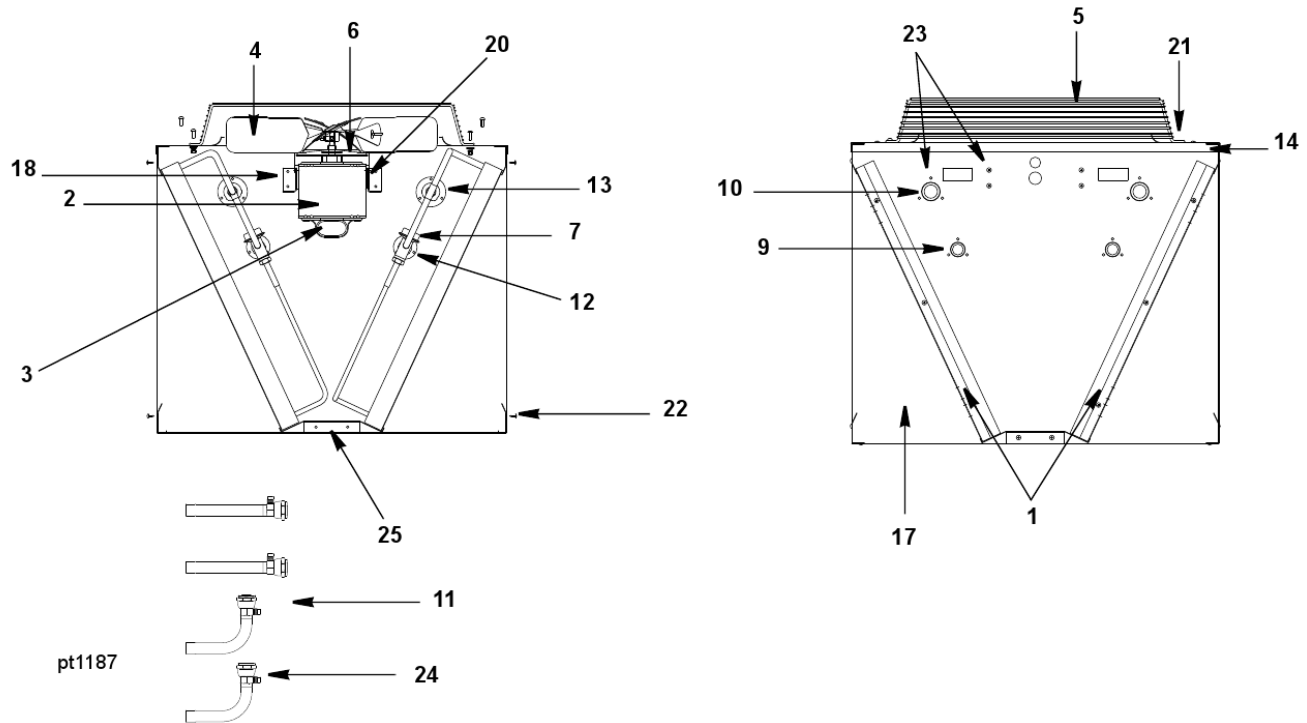
## Q0600 - PANELS

#	PART #	DESCRIPTION	QTY	Note
1	7628533	Front Panel Assembly		
2	7628303	Left Side Panel		
3	6023631	Air Baffle		
4	4040183	Air Filter		
5	6019981	Back Panel		
6	6021581	Back Panel, Air		
7	7628313	Right Side Panel		
8	4303313	Top Cover		
9	5119019	Screw - #8 x 1.75"		
10	5573389	Washer - Nylon 0.171" x 0.38"		
11	5648279	Screw Retainer - Nylon #8		
12	5473039	Speed Nut Assembly to Mount Front Cover		
13	5202099	Screw - #10-24 x 0.50" PHIL		
14	9202509	Extruded Tape		
15	6580419	Front Top Support		

NOTE: Items 9, 10, 11 and 12 can be ordered as assembly 7628983.



# DC0862 DUAL CIRCUIT REMOTE CONDENSER COMPONENTS



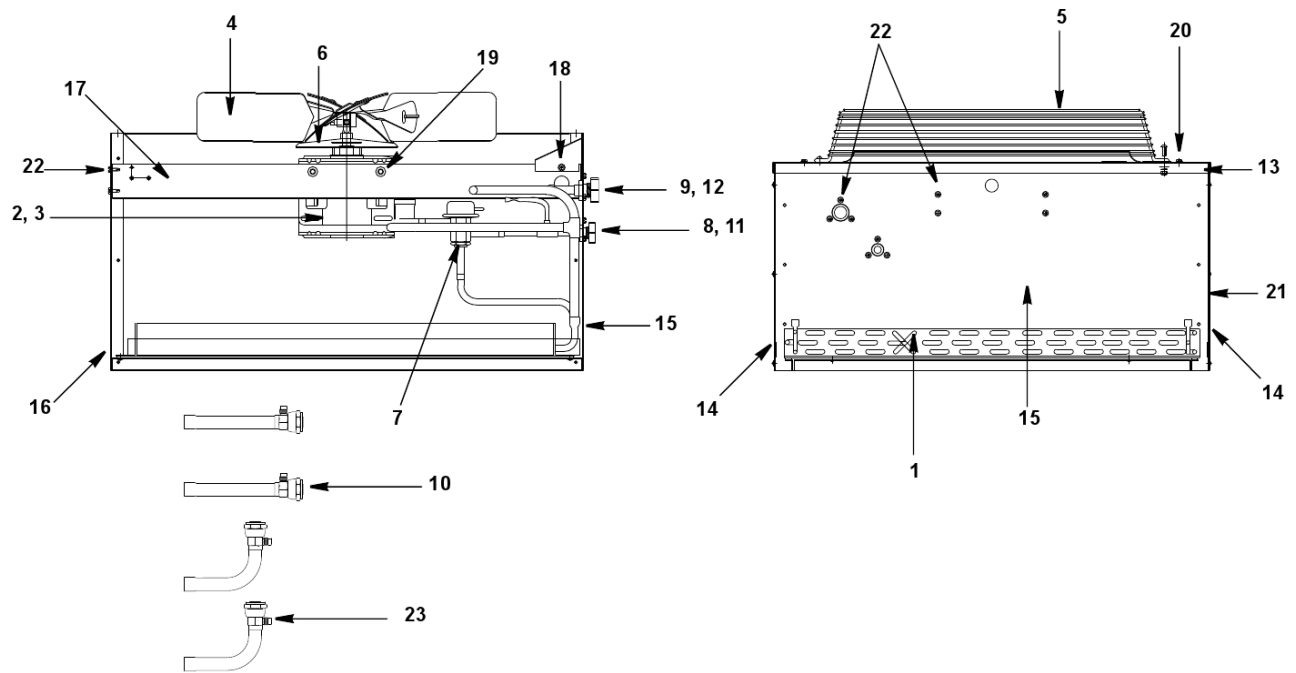
## DC0862 DUAL CIRCUIT REMOTE CONDENSER COMPONENTS

#	PART #	DESCRIPTION	QTY	Note
1	8850629	Air Condenser		
2	7629423	Fan Motor - 115V/60 Hz/1 Ph		
3		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	6017691	Legs		
16	6017881	Panel - Rear		
17	6017871	Panel - Front		
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	5202069	Screw - #10-24 x 0.50" HEX		
24	7626843	Valve Cores		
25	6017791	Base Angle		
26		Fan Cycle Kit K00095		
26a		Relay		[1]
26b		Relay Mounting Bracket		[1]
26c		Transformer		[1]
26d	2515013	Electrical Junction		

## PART NOTES:

[1] - No Longer Available

# JC0895 REMOTE CONDENSER COMPONENTS



## JC0895 REMOTE CONDENSER COMPONENTS

#	PART #	DESCRIPTION	QTY	Note
1	8850629	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	8360343	Coupling - Male - 5/8-18		
9	8360353	Coupling - Male - 1-1/6-12		
10	K0129	Female Line Set Coupling Kit		
11	8360053	Coupling Mounting Flange for 5/8-18		
12	8360063	Coupling Mounting Flange for 1-1/16-12		
13	6017751	Top Cover		
14		Panel - Side - See Note for Serial Break		
14a	6017741	Panel - Side		[2]
14b	000000609	Panel - Side		[3]
15		Panel - Rear - See Note for Serial Break		
15a	6017731	Panel - Rear		[2]
15b	000000608	Panel - Rear		[3]
16		Panel - Front - See Note for Serial Break		
16a	6017721	Panel - Front		[2]
16b	000000607	Panel - Front		[3]
17	6017681	Fan Motor Mounting Bracket		
18	6017761	Electrical Box Cover		
19	5035659	Fan Motor Mounting Screw		
19a	5573099	Mounting - Flatwasher		
19b	5573139	Mounting - Lockwasher		
19c	5429759	Mounting - Hexnut		
20	5033459	Screw - 1/4-20 x 0.625"		
20a	5573049	Flatwasher		
20b	5545119	Mounting - Lockwasher		
20c	5429529	Mounting - Hexnut		
21	5121539	Panel/Condenser Mounting Screw - #8 x 0.50"		
21a	5544599	Panel/Condenser Mounting Lockwasher		
22	5202069	Screw - #10-24 x 0.50" HEX		
23	7626843	Valve Cores		
24		Legs - See Note for Serial Break		
24a	6017691	Legs		[2]
24b	000000718	Legs		[3]

## PART NOTES:

- [1] - Emerson
- [2] - Before Serial Number 110536595
- [3] - After Serial Number 110536595