

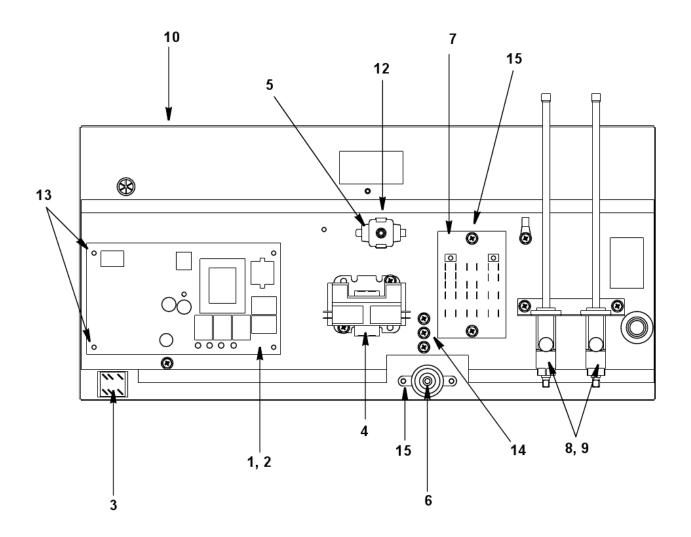
For more Parts Information: https://manitowocfsq.sysonline.com/Default.aspx

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Q0420 - CONTROL BOX COMPONENTS





Q0420 - 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	<u> </u>	Contactor		
4a	2006589	Contactor - 115V/60 Hz/1 Ph		
4b	2006599	Contactor - 230V/50-60 Hz/1 Ph		
5	8505003	PTCR Compressor Starter		
6		Run Capacitor		
6a	2010143	Run Capacitor - 115V/60 Hz/1 Ph		
6b	8504003	Run Capacitor - 208-230V/50-60 Hz/1 Ph		
7a	2355369	High Pressure Cut-out Control		[1]
7b	2001243	High Pressure Cut-out Control		[2]
8		Terminal Board with Wire Harness Attached		
8a	2032283	Wiring Harness - 115V/60 Hz/1 Ph		
8b	2032293	Wiring Harness - 230V/60 Hz/1 Ph		
8c		Wiring Harness - 230V/50 Hz/1 Ph		[3]
9	8373263	Refrigeration Service Valve Assembly		
10	5475039	Locknut - 0.375" - 18 NPS		
11		Control Box		
12	<mark>7628033</mark>	Control Box Cover		
13	8505023	PTCR Mounting Bracket		
14	4302253	Control Board Mounting Supports		
15	5202169	Screw - #10-24 x 0.50" Ground		
16	5121669	Screw - #8-32 x 0.50"		

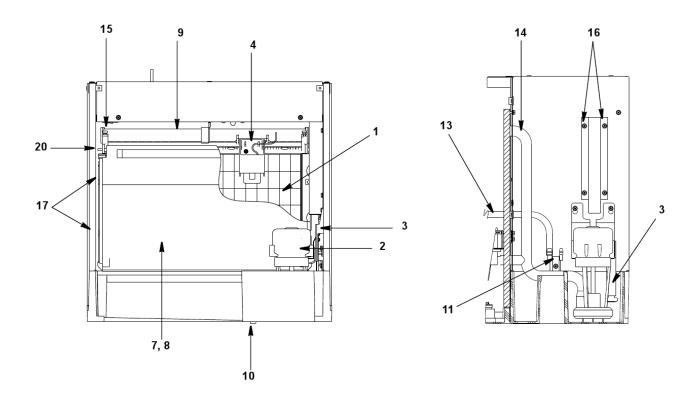
PART NOTES:

[1] - Manual Reset[2] - Auto Reset

[3] - No Longer Available



Q0420 - EVAPORATOR COMPARTMENT - COMMON COMPONENTS



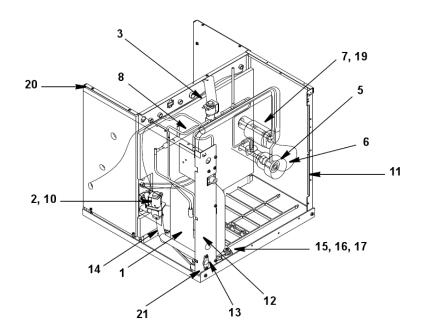


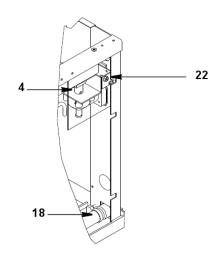
Q0420 - EVAPORATOR COMPARTMENT - COMMON COMPONENTS

#	PART#	DESCRIPTION	QTY	Note
1		Evaporator Assembly		
1a	7625129	Evaporator - Regular Cube		
1b	7625119	Evaporator - Dice Cube		
1c	7625109	Evaporator - Half Dice Cube		
2		Water Pump		
2a	7623063	Water Pump - 115V/60 Hz		
2b	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	4009113	Water Curtain Up to SN 020566500		
8	4004793	Water Curtain After SN 020566500		
9	7624983	Water Distribution Tube - B/J/Q		
10	4300629	Water Trough Plug		
11	4 303883	Water Inlet Flow Tube		
12	7628023	Water Curtain Magnet and Cap		
13	4421113	Water Inlet Tubing 0.375 ID		
14	4009543	Water Pump Tubing		
15	5000013	Thumbscrew - #8-32 x 0.375"		
16	5202069	Screw - #10-24 x 0.50" HEX		
17	<mark>5202189</mark>	Screw - #10-24 x 0.75"		
18	7628063	Base and Water Trough Repair Kit		
19	<mark>7626213</mark>	Evaporator Top Molding and Gasket Assembly		
20	<mark>7627763</mark>	Water Curtain Pin Assembly		



Q0420 - REFRIGERATION COMPARTMENT - COMMON COMPONENTS





Q0420 - REFRIGERATION COMPARTMENT - COMMON COMPONENTS

#	PART#	DESCRIPTION	QTY	Note
1		Compressor		
1a	7628103	Compressor - Tecumseh - 115V/60 Hz/1 Ph		
1b	8505553	Overload		
1c	7628123	Compressor - Tecumseh - 208-230V/60 Hz/1 Ph		
1d	8505563	Overload		
1e	7628113	Compressor - Tecumseh - 230V/50 Hz/1 Ph		
1f	8505573	Overload		
2		Water Dump Valve		
2a	000001767	Water Dump Valve - 115V/60 Hz		
2b	000001768	Water Dump Valve - 208-230V/50-60 Hz		
3		Hot Gas Valve		
3a	7630011	Danfoss Solenoid Valve With Coil - 115V/60 Hz		
3b	000005156	Danfoss Solenoid Valve Coil Only - 115V/60 Hz		[1]
3c	2404363	Alco Solenoid Valve Coil Only - 115V/60 Hz		
3d	7630071	Danfoss Solenoid Valve With Coil - 208-230V/50-60 Hz		
3e	000005157	Danfoss Solenoid Valve Coil Only - 230V/50-60 Hz		[2]
3f	2404483	Alco Solenoid Valve Coil Only - 230V/50 Hz		
4		Water Inlet Valve		
4a	000007965	Water Inlet Valve - 115V/60 Hz/1 Ph		
4b	000007966	Water Inlet Valve - 208-230V/50-60 Hz		
5	7600193	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	8310163	Manifold Strainer		
9	2078103	Water Pump Electrical Wire Lead		
10	6035641	Dump Valve Mounting Bracket		
11	6025341	Left Corner Post Weldment		
12	6025331	Right Corner Post Weldment		
13	<mark>8706083</mark>	Female Wing Adapter - 0.50"		
14	4420383	Clear Tubing - 0.625" ID		
15	<mark>8503069</mark>	Mounting - Rubber Grommet		
16	<mark>5573419</mark>	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	5202069	Screw - #10-24 x 0.50" HEX		
22	6023541	Dump Valve/Water Inlet Valve Mounting Bracket		
23	<mark>2006143</mark>	Terminal Block - 50 Hz - 3 Pole		[4]

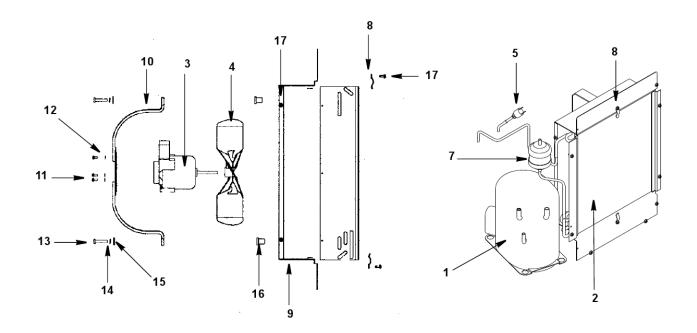


Q0420 - REFRIGERATION COMPARTMENT - COMMON COMPONENTS

#	PART#	DESCRIPTION	QTY	Note
PART NOTE	S:			
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[2]	- \pages from 000008	5156_02.jpg" width=266 height=183>		
[3]	- \pages from 400720	0_08.jpg" width=923 height=583>		
[4]	- 50 Hz Only			



Q0420 - REFRIGERATION COMPARTMENT - AIR-COOLED COMPONENTS





Q0420 - REFRIGERATION COMPARTMENT - AIR-COOLED COMPONENTS

#	PART#	DESCRIPTION	QTY	Note
1		Compressor		[1]
2	8851243	Air Condenser		
3		Fan Motor		
3a	2412929	Fan Motor 115V/60 Hz/1 Ph		
3b	2412939	Fan Motor 208-230V/50-60 Hz		
4	2416203	Fan Blade		
5	2001263	Fan Cycling Control - 200-250 psig		[2]
6	4040233	Air Filter		
7	8930259	Drier		
8	5650699	Air Filter Clip		
9	6061621	Ice Restrictor Q291 Only		
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	5202069	Screw - #10-24 x 0.50" HEX		

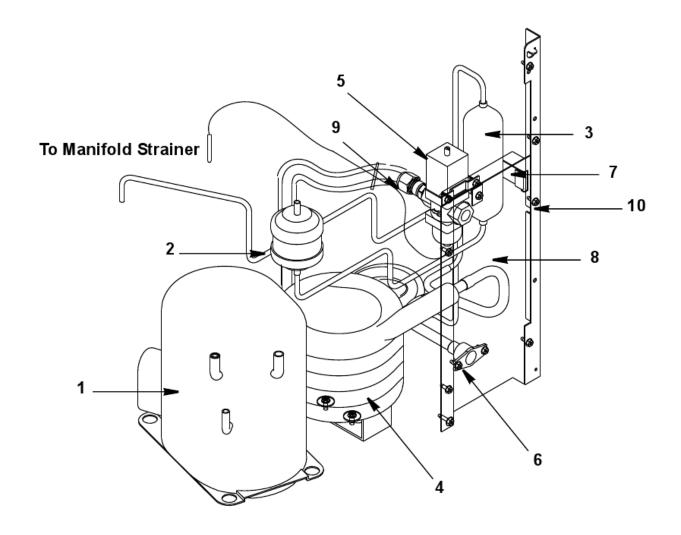
PART NOTES:

[1] - Refer to COMMON PARTS Page

[2] - \pages from 200126_09.jpg" width=150 height=306>



Q0420 - REFRIGERATION COMPARTMENT - WATER-COOLED COMPONENTS





Q0420 - REFRIGERATION COMPARTMENT - WATER-COOLED COMPONENTS

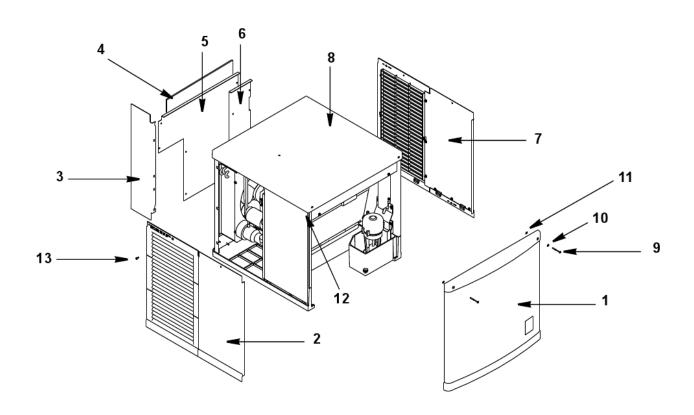
#	PART#	DESCRIPTION	QTY	Note
1		Compressor		[1]
2	8930259	Drier		
3	000008892	Receiver		
4	8865323	Water-Cooled Condenser		
5	8372069	Water Regulating Valve		
6	8706083	Female Wing Adapter - 0.50"		
7	6000541	Receiver Strap		
8	6023501	Water-cooled Coupling Panel		
9	8332023	Water Coupling Connection - 0.375" NPT		
10	5202069	Screw - #10-24 x 0.50" HEX		

PART NOTES:

[1] - Refer to COMMON PARTS Page



Q0420 - PANELS





Q0420 - PANELS

#	PART#	DESCRIPTION	QTY	Note
1	7628323	Front Panel Assembly		
2	7628333	Left Side Panel		
3	6023751	Air Baffle		
4	4040233	Air Filter		
5	6025471	Back Panel, Water		
6	6025461	Back Panel, Air		
7	7628343	Right Side Panel		
8	4302993	Top Cover		
9	<mark>5119019</mark>	Screw - #8 x 1.75"		[1]
10	<mark>5573389</mark>	Washer - Nylon 0.171" x 0.38"		[1]
11	<mark>5648279</mark>	Screw Retainer - Nylon #8		[1]
12	<mark>5473049</mark>	Speed Nut - U Type 0.50" x 0.576"		[1]
13	5202099	Screw - #10-24 x 0.50" PHIL		
14	9202509	Extruded Tape		

PART NOTES:

[1] - Items 9, 10, 11 and 12 can be ordered as assembly 7628813.

