

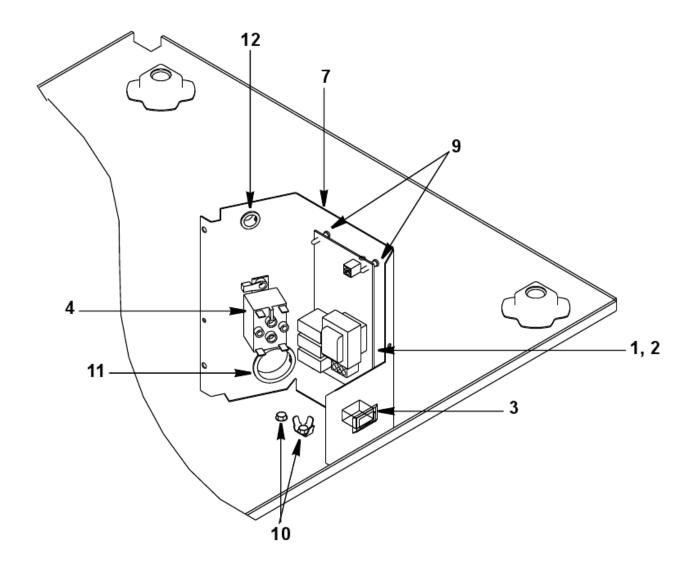
For more Parts Information: https://manitowocfsq.sysonline.com/Default.aspx

TABLE OF CONTENTS

Manitowoc Foodservice [Updated: Sep. 30, 2013]	
Manitowoc - Ice & Related	
Parts Catalog	
Ice Machine	
Q Series	
Q Model - UnderCounter	
Q0130	
Q130 - Control Box Components	1
Q130 - Evaporator Compartment - Common Components	3
Q130 - Refrigeration Compartment - Common Components	5
Q130 - Refrigeration Compartment - Air-cooled Components	8
Q130 - Refrigeration Compartment - Water-cooled Components	10
Q130 - Panels	12



Q130 - CONTROL BOX COMPONENTS





Q130 - CONTROL BOX COMPONENTS

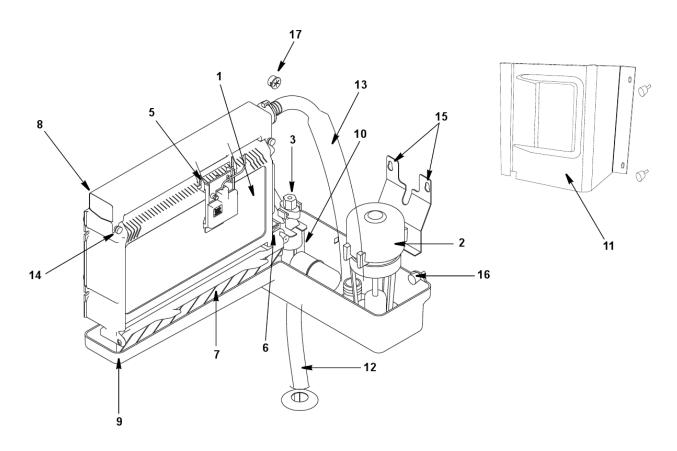
#	PART#	DESCRIPTION	QTY	Note
1	7629073	Control Board		
2	2511493	10 Amp Fuse		
3	2301513	Toggle Switch		
3a	2032483	Wiring Harness - Toggle Switch		
4		Contactor		
4a	2006569	Contactor - 115V/60 Hz/1 Ph		
4b	2006579	Contactor - 230V/50-60 Hz/1 Ph		
5		Wiring Harness		
5a	2002183	Wiring Harness - Air-cooled		
5b	2002193	Wiring Harness - Water-cooled		
5c	2007013	Ice Thickness Control Probe		[1]
6		Power Cord		
6a	2006863	Power Cord - 115V/60 Hz		
6b	2006873	Power Cord - 230V/60 Hz		
6c	2033023	Power Cord - 230V/50-60 Hz		
7	6046931	Control Box		
8	7629083	Control Box Cover		
9	4302253	Control Board Mounting Supports		
10	5202323	Screw, #10-24 x .50 Ground		
10a	5573203	Lockwasher, #10		
11	2500139	Bushing - 1.5"		
12	2502189	Bushing - 0.625"		

PART NOTES:

[1] - Wire Lead and Connectors Only



Q130 - EVAPORATOR COMPARTMENT - COMMON COMPONENTS





Q130 - EVAPORATOR COMPARTMENT - COMMON COMPONENTS

1 Evaporator Assembly 1a 7629453 Evaporator - Regular Cube 1b 7629463 Evaporator - Dice Cube 1c 7629473 Evaporator - Half Dice Cube 2 Water Pump - See Note for Serial Break 2a 7623063 Water Pump - 115V/60 Hz 2b 7626013 Water Pump - 230V/50-60 Hz [1] 2c 040000946 Water Pump - 230V/50-60 Hz [2] Float Valve Assembly - See Note for Serial Break	<u> </u>
1a 7629453 Evaporator - Regular Cube 1b 7629463 Evaporator - Dice Cube 1c 7629473 Evaporator - Half Dice Cube 2 Water Pump - See Note for Serial Break 2a 7623063 Water Pump - 115V/60 Hz 2b 7626013 Water Pump - 230V/50-60 Hz [1] 2c 040000946 Water Pump - 230V/50-60 Hz [2]	
1b 7629463 Evaporator - Dice Cube 1c 7629473 Evaporator - Half Dice Cube 2 Water Pump - See Note for Serial Break 2a 7623063 Water Pump - 115V/60 Hz 2b 7626013 Water Pump - 230V/50-60 Hz [1] 2c 040000946 Water Pump - 230V/50-60 Hz [2]	
1c 7629473 Evaporator - Half Dice Cube 2 Water Pump - See Note for Serial Break 2a 7623063 Water Pump - 115V/60 Hz 2b 7626013 Water Pump - 230V/50-60 Hz [1] 2c 040000946 Water Pump - 230V/50-60 Hz [2]	
2 Water Pump - See Note for Serial Break 2a 7623063 Water Pump - 115V/60 Hz 2b 7626013 Water Pump - 230V/50-60 Hz [1] 2c 040000946 Water Pump - 230V/50-60 Hz [2]	
2b 7626013 Water Pump - 230V/50-60 Hz [1] 2c 040000946 Water Pump - 230V/50-60 Hz [2]	
2c 040000946 Water Pump - 230V/50-60 Hz [2]	
·	
Float Valve Assembly - See Note for Serial Break	
3 7602133 Float Valve Assembly [3]	
4 8369049 Float Valve Assembly [4]	
4a 8369069 Float Valve Screen	
4b 8 <mark>369089</mark> Float Valve Plunger	
4c 5650729 Compression Nut	
4d 7621403 Bracket	
5 7601603 Ice Thickness Control Probe	
6 000007337 Magnetic Bin Switch	
7 7600493 Ice Damper	
7a 7629093 Ice Damper Magnet and Cap	
8 000007163 Water Distribution Tube - QM30/QM45	
9 040001233 Water Trough	
10 <mark>4302223</mark> Siphon Cap	
11 000006754 Water Pump Cover	
11a	
12 <mark>7600853</mark> Drain Tube	
13	
14	
15 5202069 Screw - #10-24 x 0.50" HEX	
16	
17	
18 <u>2078063</u> Water Pump Lead - 208-230V/50-60 Hz	

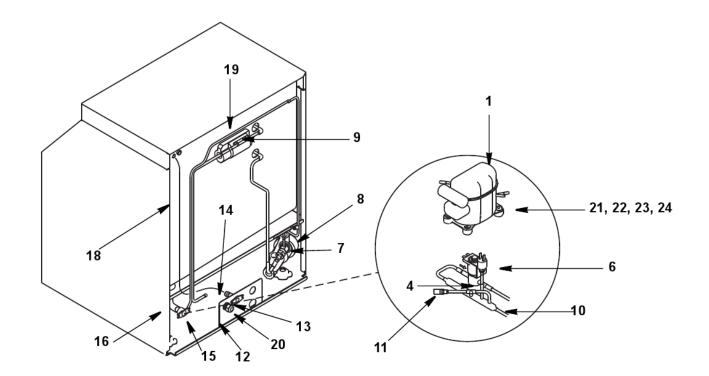
PART NOTES:

[1]	-	Up to Serial Number 310145261
[2]	-	After to Serial Number 310145261

[3] - Up to Serial Number 031100000 Complete Assembly
 [4] - After Serial Number 031100000 Complete Assembly



Q130 - REFRIGERATION COMPARTMENT - COMMON COMPONENTS



Q130 - REFRIGERATION COMPARTMENT - COMMON COMPONENTS

#	PART#	DESCRIPTION	QTY	Note
1		Tecumseh Compressor - Before Serial Number 021100000		
1a	7629103	Compressor 115V/60 Hz/1 Ph		
	8505623	Overload for Compressor		
	8505653	Starting Device		[1]
	8505803	Start Capacitor		[1]
1b	7629113	Compressor 208/230V 60 Hz/1 Ph		[1]
	8505633	Overload for Compressor		
	8505663	Starting Device		[1]
	8505763	Overload for Compressor		[1]
1c	7629123	224/240V 50 Hz/1 Ph		[1]
	8505643	Overload for Compressor		
	8505673	Tecumseh AE4430Y B/M AE540ET-964-A4D		[1]
	8505813	Start Capacitor		[1]
2		Danfoss Compressor - Between Serial Number 021100000 and Serial Number 310047287		
2a	7601323	Compressor - Danfoss - 115V/60 Hz/1 Ph		
	2002043	Current Relay with Overload - 115V/60 Hz/1 Ph		[2]
	2002033	Start Capacitor - 115V/60 Hz/1 Ph		[2]
2b	7601333	Compressor - Danfoss - 230V/50 Hz/1 Ph		[2]
	2004873	Current Relay with Overload - 230V/50 Hz/1 Ph		[2]
	2004863	Start Capacitor - 230V/50 Hz/1 Ph		[2]
2c	7601333	Compressor - Danfoss - 230V/50 Hz/1 Ph		[2]
	2004873	Current Relay with Overload - 230V/50 Hz/1 Ph		[2]
	2004863	Start Capacitor - 230V/50 Hz/1 Ph		[2]
3		Compressor - After Serial Number 310047287		
3a	040000435	Compressor - 115V/60 Hz/1 Ph		
	000002899	Current Relay with Overload - 115V/60 Hz/1 Ph		
	000002901	Start Capacitor - 115V/60 Hz/1 Ph		
3b	040000434	Compressor - Danfoss - 230V/50-60 Hz/1 Ph		
	000002900	Current Relay with Overload - 230V/50-60 Hz/1 Ph		
	040000674	Start Capacitor - 230V/50-60 Hz/1 Ph		
4		Harvest Valve - Up to SN310061221		[3]
4a	<mark>7630001</mark>	Danfoss Solenoid Valve with Electrical Coil - 115V/60 Hz		[2]
4b	<mark>000005156</mark>	Danfoss Solenoid Valve Coil Only - 115V/60 Hz		[4]
4c	<mark>2404363</mark>	Alco Solenoid Valve Coil Only - 115V/60 Hz		
4d	<mark>7630061</mark>	Danfoss Solenoid Valve with Coil - 208-230V/50-60 Hz		[2]
4e	0000051 <mark>57</mark>	Danfoss Solenoid Valve Coil Only - 230V/50-60 Hz		[5]
4f	2404483	Alco Solenoid Valve Coil Only - 230V/50 Hz		
5		Harvest Valve - After to SN310061221		[6]
5a	040000689	Solenoid Valve Including Coil - 115V/60 Hz		
5b	040000101	Coil - Solenoid Valve - 115V		
5c	040000690	Solenoid Valve Including Coil - 208-230/50-60 Hz		
5d	040000103	Coil - Solenoid Valve - 208-230V/50-60 Hz		



Q130 - REFRIGERATION COMPARTMENT - COMMON COMPONENTS

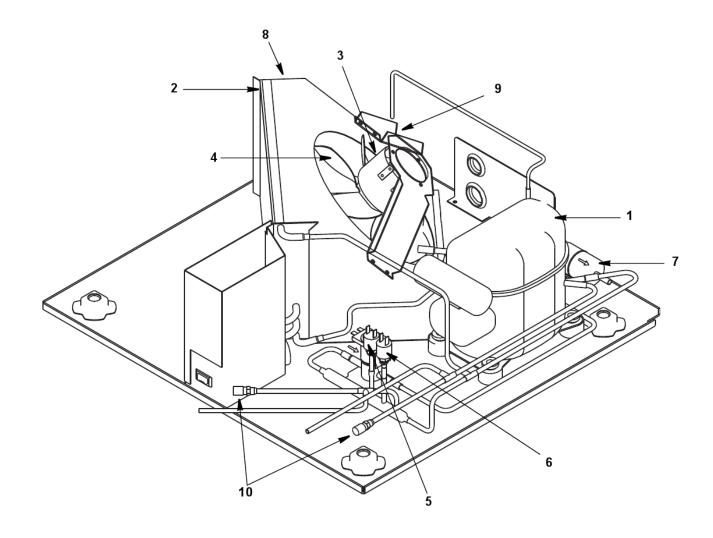
#	PART#	DESCRIPTION	QTY	Note
5e	040000104	Bracket Hot Gas Valve		
6	2001243	High Pressure Cut-out Control		
7		Expansion Valve - See Note for Serial Break		
7a	040000594	Expansion Valve		[7]
7b	7600503	Expansion Valve		[8]
8		Expansion Valve Body Insulation Boot		
8a	4007213	Valve Insulation Boot - Body		
8b	4000363	Valve Insulation Boot - Body		
9	4007203	Valve Insulation Boot - Bulb		[9]
10	8251063	Manifold Strainer		
11	8373253	Access Valve		
12	6026821	Coupling Panel		
13	8706093	Female Wing Adapter - 0.375"		
14	1360961	Male Connector		
15	8706133	Female Wing Adapter - 0.50"		
16	4420983	Bin Drain Tubing		
17	5650649	Hose Clamp - 0.759"/0.848" ID		
18	4420291	Vinyl Tube - 0.25" OD		
19	5650529	Clamp - Expansion Valve Bulb		
20	5202069	Screw - #10-24 x 0.50" HEX		
21	8503069	Mounting - Rubber Grommet		
22	5573099	Mounting - Flatwasher		
23	5037709	Foundation Mounting Bolt		
24	8503949	Mounting - Sleeve		

PART NOTES:

[1]	- Tecumseh
[2]	- Danfoss
[3]	- except 310047701, 310047696, 310047699, 310047698
[4]	 \pages from 000005156_02.jpg" width=280 height=256>
[5]	 \pages from 000005156_02.jpg" width=266 height=183>
[6]	- including 310047701, 310047696, 310047699, 310047698
[7]	- After Serial Number 310047287
[8]	- Before Serial Number 310047287
[9]	\pages from 400720_08.jpg" width=923 height=583>



Q130 - REFRIGERATION COMPARTMENT - AIR-COOLED COMPONENTS





Q130 - REFRIGERATION COMPARTMENT - AIR-COOLED COMPONENTS

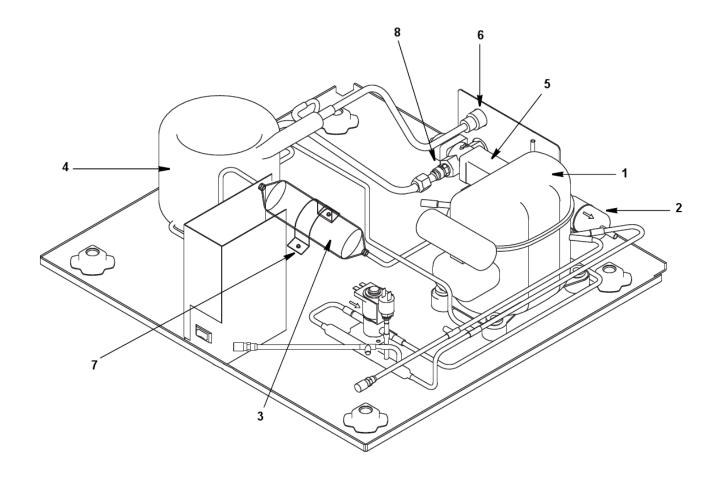
#	PART#	DESCRIPTION	QTY	Note
1		Compressor - See Common Components		
2	8851373	Air Condenser		
3		Fan Motor		
3a	2000223	Fan Motor - 115V/60 Hz/1 Ph		
3b	2000219	Fan Motor - 208-230V/50-60 Hz		
4	3005653	Fan Blade		
5	2001263	Fan Cycling Control - 200-250 psig		[1]
6	2001243	High Pressure Cut-out Control		
7	8930259	Drier		
8	6026851	Fan Shroud		
9	6027431	Fan Motor Mounting Bracket		
10	8373253	Access Valve		

PART NOTES:

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



Q130 - REFRIGERATION COMPARTMENT - WATER-COOLED COMPONENTS



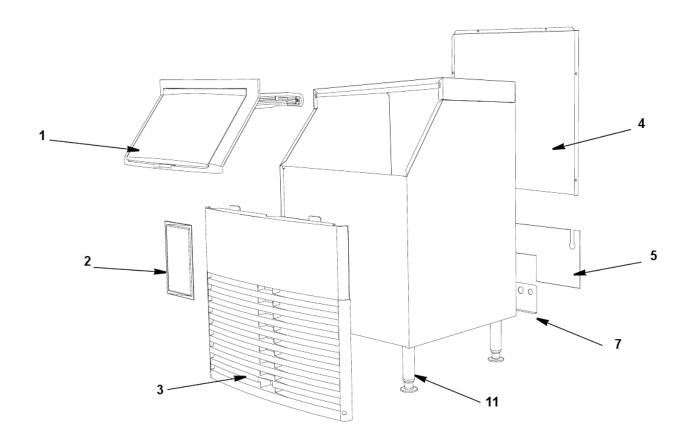


Q130 - REFRIGERATION COMPARTMENT - WATER-COOLED COMPONENTS

#	PART#	DESCRIPTION	QTY	Note
1		Compressor - See Common Components		
2	8930259	Drier		
3	000008892	Receiver		
4	8865383	Water-cooled Condenser		
5	8372103	Water Regulating Valve		
6	8706103	Female Wing Adapter - 0.50"		
7	6001891	Receiver Strap		
8	8332023	Water Coupling Connection - 0.375" NPT		



Q130 - PANELS





Q130 - PANELS

#	PART#	DESCRIPTION	QTY	Note
1	040001716	Bin Door & Door Frame Assembly		
1a	000006837	Door Pin Sleeve		
2	7629143	Air Filter		
3	7629153	Front Panel Assembly		
4	6026801	Back Panel, Upper		
5	6033501	Back Panel, Lower		
6	3302603	Ice Scoop		
7	6026821	Coupling Panel		
8	5202239	Front Cover Screw		
9	5202069	Screw - #10-24 x 0.50" HEX		
11		Legs - Refer to Sales Price List		

