



Manitowoc

Foodservice

Parts Manual

For more Parts Information:

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

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Manitowoc Foodservice [Updated: Sep. 30, 2013]

Manitowoc - Ice & Related

Parts Catalog

Ice Machine

S Series

S Model - Marine

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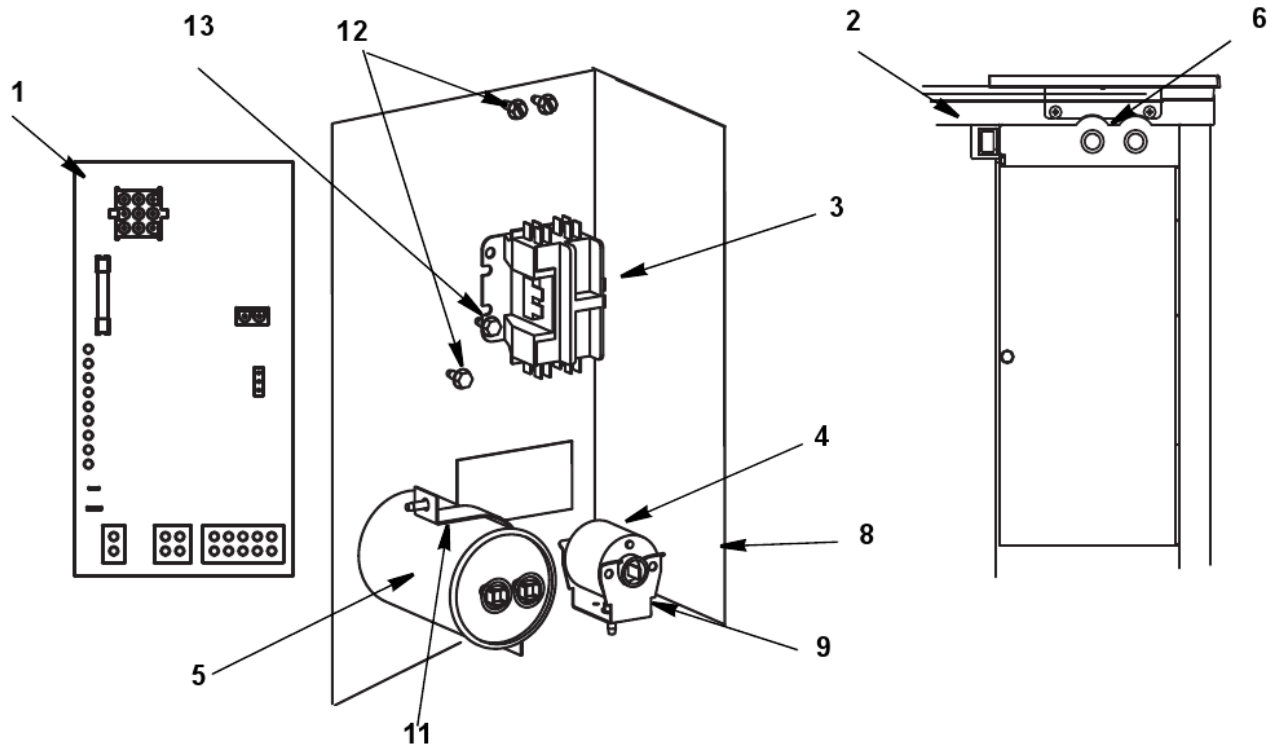
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S1800M CONTROL BOX



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S1800M CONTROL BOX

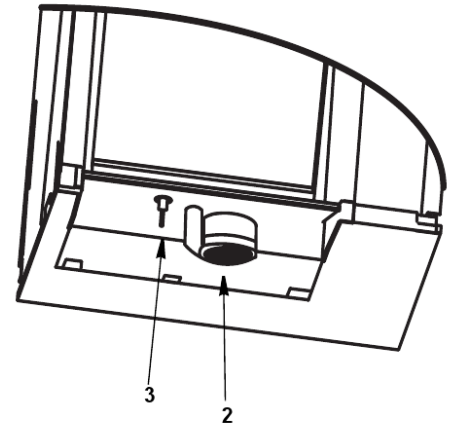
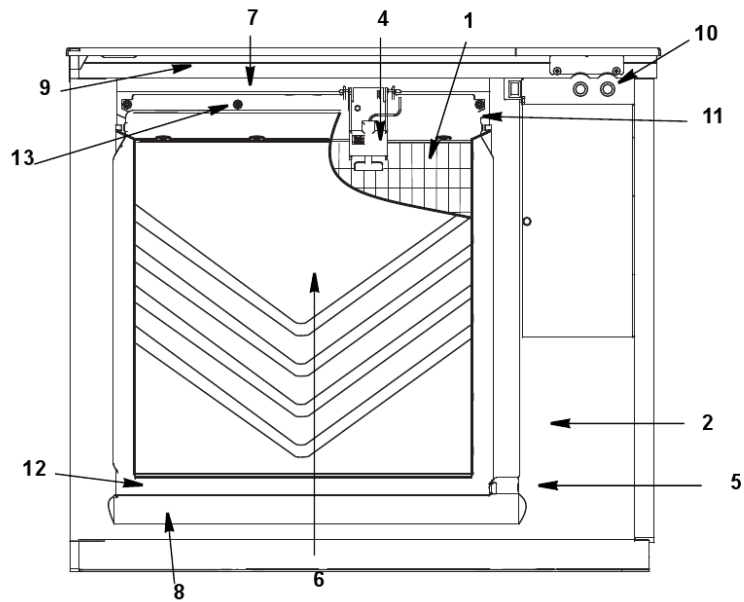
#	PART #	DESCRIPTION	QTY	Note
1	2006199	Control Board		
1a	000008240	7 Amp Fuse - Mounted on Control Board		
2	2007939	Toggle Switch		
2a	2009069	Toggle Switch Wiring Harness		
2b	4011639	Toggle Switch Box		
3		Contactor		
3a	2009089	Contactor - 208-230V/50-60 Hz/1 Ph		
3b	2006619	Contactor - 230V/60 Hz/3 Ph		
4	8504913	PTCR		
5	000000028	Run Capacitor - 208-230V/50-60 Hz/1 Ph		
6	8373263	Refrigeration Service Valve Assembly		
7	000005204	Transformer		[1]
7a	000005418	Transformer Box		
7b	000005427	Transformer Cover		
7c	000005500	Electrical Noise Filter Wiring Harness		
8	7603333	Control Box		
8a	7603363	Control Box Cover		
8b	6067243	Control Box Bracket		
9	8504953	PTCR Bracket		
10	4302253	Control Board Mounting Supports		
11	6024953	Capacitor Mounting Strap		
12	5202169	Screw - #10-24 x 0.50" Ground		
12a	5573209	Star Washer		
13	5202069	Screw - #10-24 x 0.50" HEX		
14		Wiring Harness - Control Box		
14a	2008999	Control Box Wiring Harness - 230V/60 Hz/1 Ph		
14b	2008979	Control Box Wiring Harness - 230V/60 Hz/3 Ph		
14c	2008989	Control Box Wiring Harness - 230V/50 Hz/1 Ph		
14d	000005499	Control Box Wiring Harness - 440-480V/60 Hz/3 Ph		
14e	2009009	Harvest Air Assist Pump Wiring Harness		

PART NOTES:

[1] - 440-480/60/3 Only

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S1800M EVAPORATOR COMPARTMENT



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S1800M EVAPORATOR COMPARTMENT

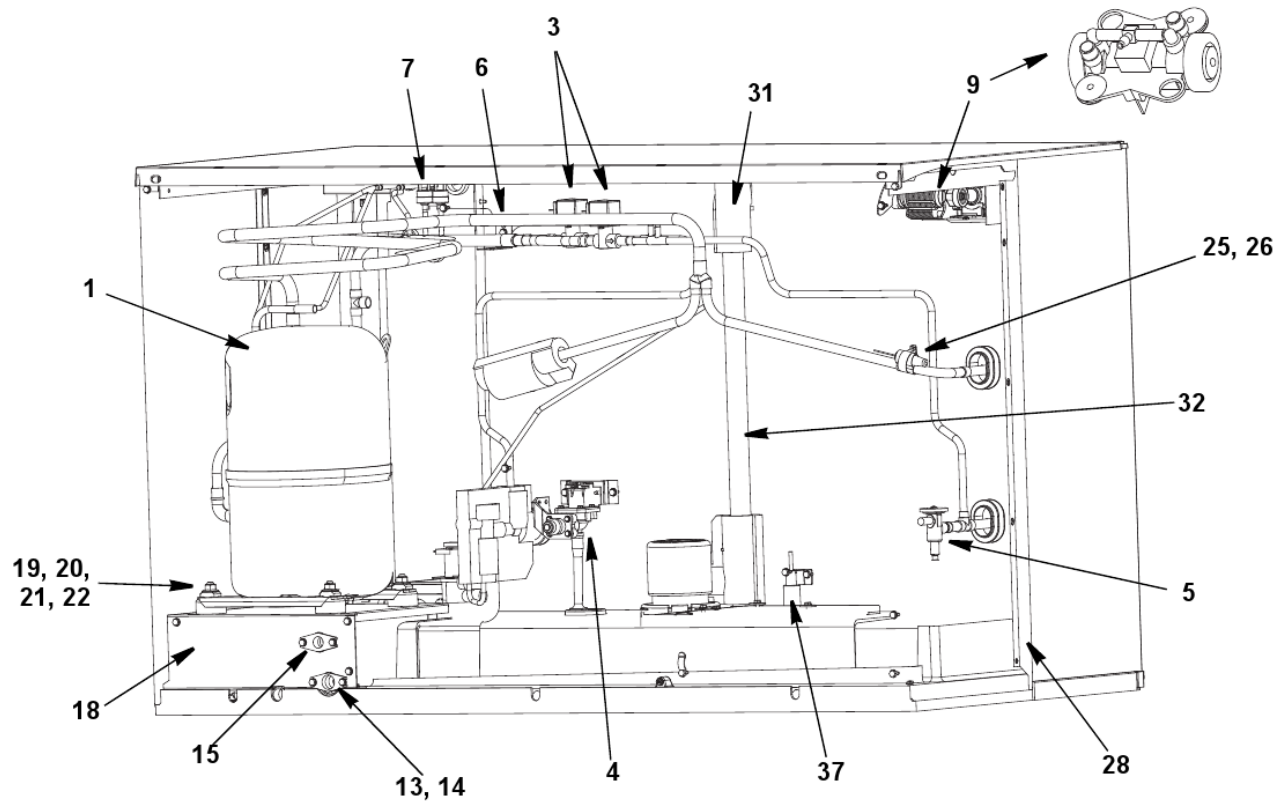
#	PART #	DESCRIPTION	QTY	Note
1		Evaporator Assembly		
1a	7603253	Evaporator Regular Cube		
1b	7603263	Evaporator Dice Cube		
1c	7603273	Evaporator - Half Dice Cube		
2		Water Pump		
2a	8252709	Water Pump - 230V/50-60 Hz		
2b	000000259	Water Pump - 230V/50 Hz		
3	2006549	Water Level Probe		
3a	2009169	Wire - Control Box to Probe		
4	2008029	Ice Thickness Control Probe		
5	000007888	Magnetic Bin Switch		
6	6071571	Water Curtain		
7	7603193	Water Distribution Tube - 48" Models		
7a	5004649	O-Rings		[1]
8	4009159	Water Trough		
9	000000292	Evaporator Top Filler Panel		
9a	6063339	Bracket - Top Filler Panel		
9b	5202099	Screw - #10-24 x 0.50" PHIL		
10	8373263	Refrigeration Service Valve Assembly		
11	7603203	Evaporator Top Frame Assembly		
12	7603183	Water Diverter - 48" Models		
12a	5305123	Thumbscrew SS - #8-32 x 0.44"		
13	5004799	Thumbscrew SS - #8-32 x 0.375"		[2]
13a	5004629	O-Ring - 0.125" ID		
14	5004619	Screw - #12-16 x 0.687"		
15	5004659	Water Pump Base O-Ring - 4.00" ID		
16	5004679	Water Pump Outlet O-Ring - 0.875" ID		
17	000001382	Vinyl Tubing 0.625" ID		[3]
17a	6038831	Insulation 0.88 ID X 0.25W X 13.50L		

PART NOTES:

- [1] - Back of Distribution Assembly
- [2] - Water Distribution Tube Mounting Each
- [3] - dump valve to drain adapter

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S1800M REFRIGERATION COMPARTMENT - COMMON COMPONENTS



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S1800M REFRIGERATION COMPARTMENT - COMMON COMPONENTS

#	PART #	DESCRIPTION	QTY	Note
1		Compressor		
1a	7603283	Compressor - Copeland - 208-230V/60 Hz/1 Ph		
1b	7603293	Compressor - Copeland - 208-230V/60 Hz/3 Ph		
1c	7603303	Compressor - Copeland - 230V/50 Hz/1 Ph		
1d	000005439	Compressor - Bristol - 440-480V/60 Hz/3 Ph		
2		Water Dump Valve		
2a	000001768	Water Dump Valve - 208-230V/50-60 Hz		
2b	No Longer Available	Fan Motor Run Capacitor		
3		Harvest Valve		
3a	7630101	Solenoid Valve with Coil - 230V/50-60 Hz		
3b	000005157	Danfoss Solenoid Valve Coil Only - 230V/50-60 Hz		[1]
4		Water Inlet Valve		
4a	000007966	Water Inlet Valve - 208-230V/50-60 Hz		
5	7602253	Expansion Valve		
5a	4013299	Valve Insulation Boot - Body		
5b	4007203	Valve Insulation Boot - Bulb		[2]
6	8253579	Manifold Strainer		
7	2001243	High Pressure Cut-out Control		[3]
8		Electrical Box on Rear of Ice Machine		
8a	6067283	Box		
8b	2006143	Terminal Block - 50 Hz - 3 Pole		
8c	5202169	Screw - #10-24 x 0.50" Ground		
9		Air Compressor		
9a	000000445	Air Compressor Pumps 230V and brackets		
9b	4011739	Air Manifold		[4]
10		Compressor Compartment Wiring Harness		
10a	2009019	Wiring Harness - Water		
10b	000005525	Compressor Compartment Wiring Harness Water-cooled 440-480/60 Hz/3 Ph		
11	000007888	Magnetic Bin Switch		
12	6058453	Water Dump Valve Mounting Bracket		
13	8706093	Female Wing Adapter - 0.375"		
14	1360961	Male Connector		
15	8706083	Female Wing Adapter - 0.50"		
16	4420383	Clear Tubing - 0.625" ID		
17	4420383	Clear Tubing - 0.625" ID		
18	6065903	Compressor Mounting Base		
19	8504859	Rubber Grommet		
20	8503949	Mounting - Sleeve		
21	5004819	Compressor Mounting - Bolt		
22	5004829	Compressor Mounting - Nut		
23	2006239	Compressor Wiring Harness		
24	5650709	Snap Clamp - 0.799"/0.899" ID		

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S1800M REFRIGERATION COMPARTMENT - COMMON COMPONENTS

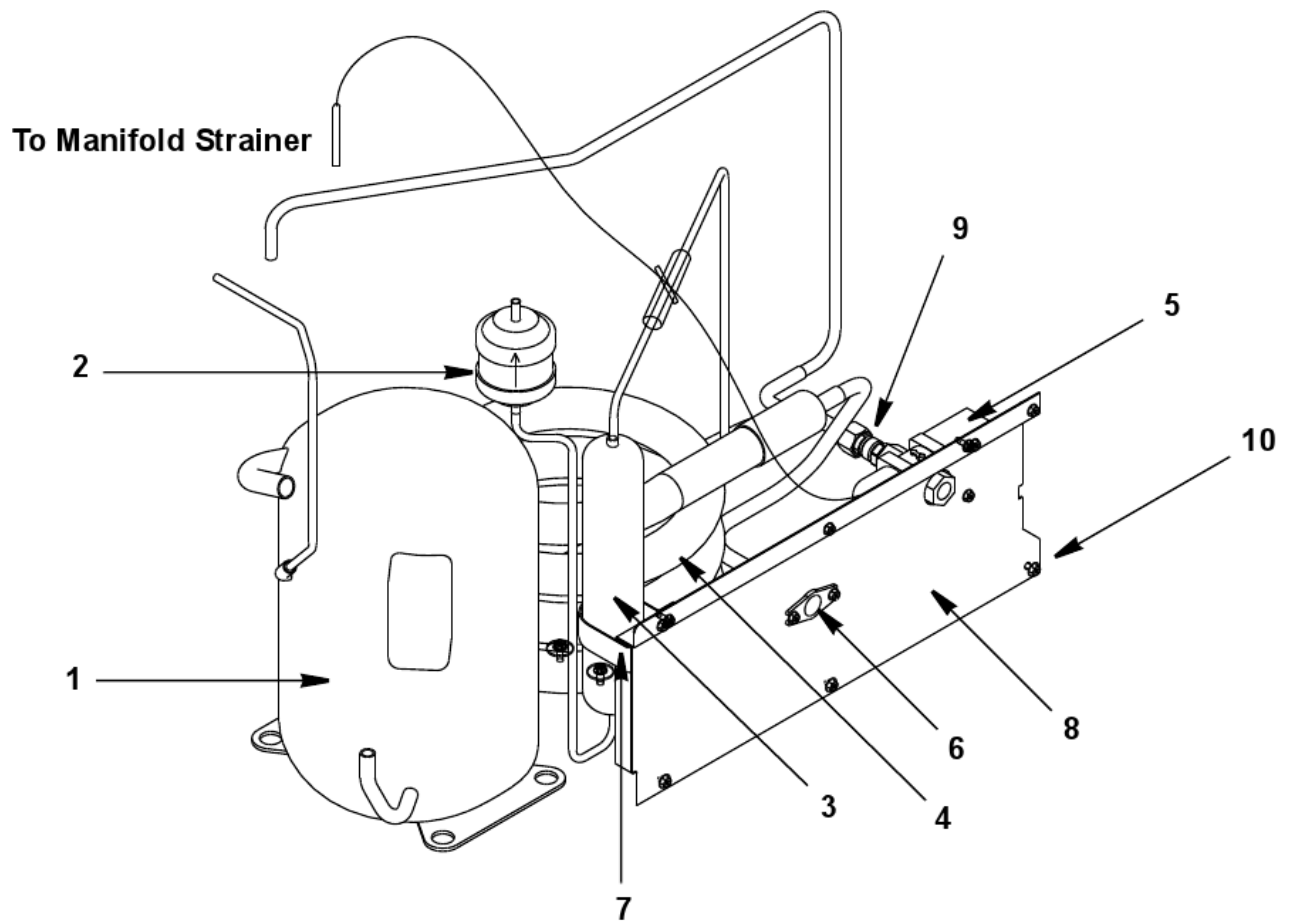
#	PART #	DESCRIPTION	QTY	Note
25	5650529	Clamp - Expansion Valve Bulb		
26	3000503	Strap - Expansion Valve Bulb - 0.5"		
27	5202069	Screw - #10-24 x 0.50" HEX		
28	6065993	Left Corner Post		
29	6068643	Left Top Channel - SS		
30	6067133	Right Corner Post		
31	6062573	Right Top Channel - SS		
32	000003409	Insulated Tube		[5]
32a	5650603	Snap Clamp - 1.0" ID		
32b	5650703	Snap Clamp - 0.799"/0.899" ID		
33	4010439	Tubing - Water Inlet Valve		[6]
34	1360989	Connector - Water Inlet Valve		
35	6066443	Water Inlet Valve Bracket		
36	000002474	Check Valve Replacement		[7]
37	2006559	Water Level Probe Holder		
37a	5202069	Screw - #10-24 x 0.50" HEX		

PART NOTES:

- [1] - \pages from 000005156_02.jpg" width=266 height=183>
- [2] - \pages from 400720_08.jpg" width=923 height=583>
- [3] - Auto Reset
- [4] - Air Pump Tubing Outlet
- [5] - vinyl tubing from distribution tube to water pump & dump valve
- [6] - \pages from 401043_05.jpg" width=1797 height=2238>
- [7] - includes water diverter, vinyl tubing & insulation

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S1800 REFRIGERATION COMPARTMENT - WATER-COOLED COMPONENTS



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S1800 REFRIGERATION COMPARTMENT - WATER-COOLED COMPONENTS

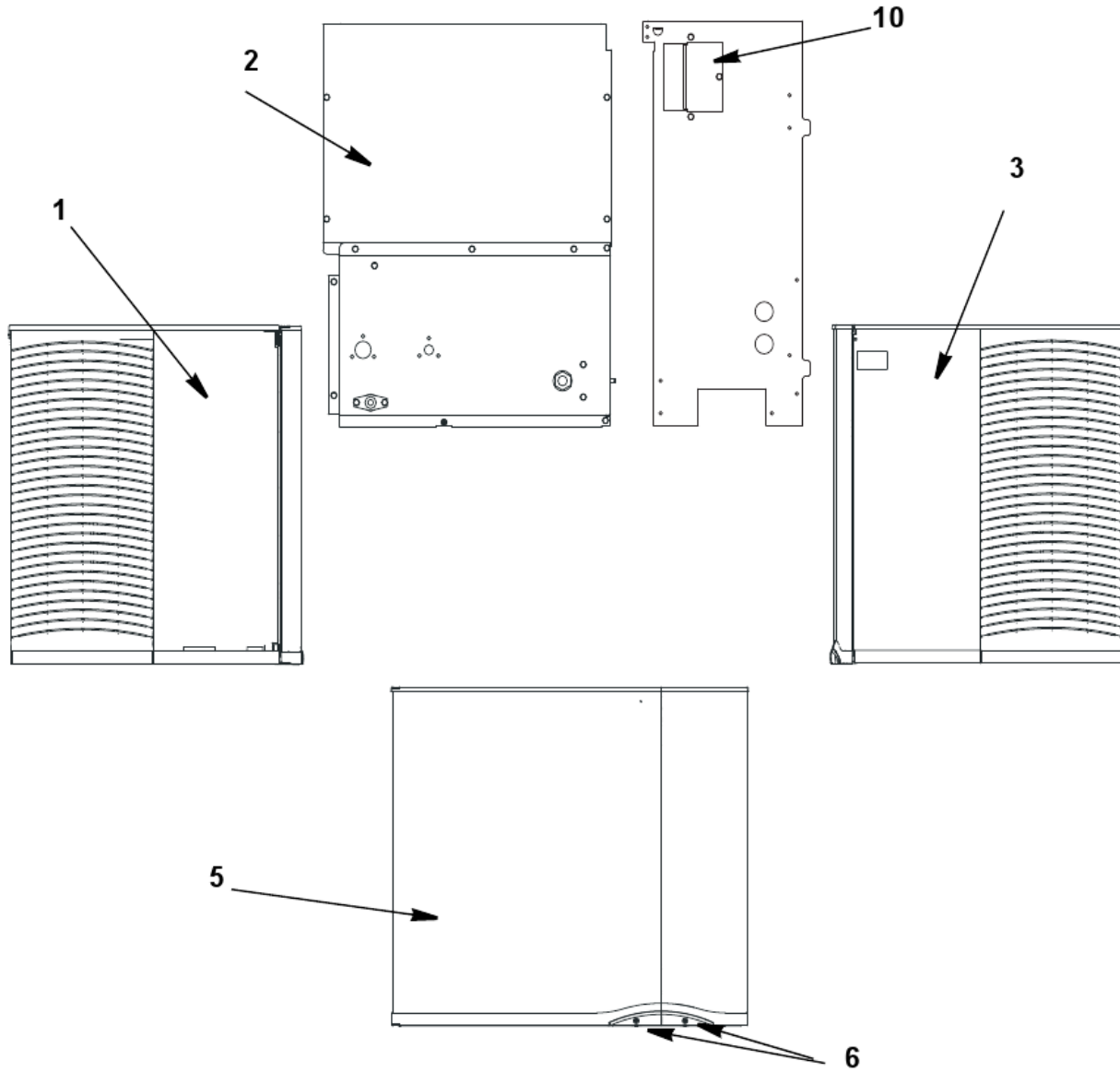
#	PART #	DESCRIPTION	QTY	Note
1		Compressor		[1]
2	8930279	Drier		
3	000008894	Receiver		
4	000001508	Water-Cooled Condenser		
5	8372127	Water Regulating Valve		
6	8706083	Female Wing Adapter - 0.50"		
7	6000543	Receiver Strap		
8	6066823	Back Panel		
9	5005453	Elbow 0.50 MF x 0.50 NPT		
10	5202063	Screw - #10-24 x 0.50" HEX		
11	5573419	Washer		
12	6066843	Base, Water Condenser/Receiver		

PART NOTES:

[1] - Refer to COMMON PARTS Page

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S1800M PANELS



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S1800M PANELS

#	PART #	DESCRIPTION	QTY	Note
1	6071541	Left Side Panel - Water, Remote		
2	6072443	Back Panel - Water Remote		
3	6071531	Right Side Panel - Water, Remote		
4	6071481	Top Cover		
5	6071491	Front Panel		
6	5004899	Front Door Screw		
7	5005403	Front Panel Thumbscrew 10-32 x 1.5		
8	6071471	Front Top Support		
9	6071461	Bottom Door Frame		
10	6070461	Electrical Connection Box Cover		
11	7112479	Cartoning		