MANITOWOC ICE
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Instruction Sheet

Subject: K00522 Dispenser Conversion Kit

CONVERTING SPA DISPENSERS TO SFA DISPENSERS

⚠Warning

Authorized Service Representatives are obligated to follow industry standard safety procedures, including, but not limited to, local/national regulations for disconnection/ lock out/tag out procedures for all utilities including electric, gas, water and steam..

DANGER

Disconnect electric power to the ice machine at the electric switch box before proceeding. Failure to disconnect the power at the main power supply disconnect could result in serious injury or death. The power switch DOES NOT disconnect all incoming power.

The K00522 conversion kit is design to convert your existing SPA 310 or SPA160 to an SFA model which includes a water valve in addition to the ice dispenser.

Tools required that are not included with this kit

- 3” saw hole
- 1/4” drill bit
- Cordless power drill
- Phillips screw driver
- 9/16” box wrench
- 11/32” or adjustable wrench

NOTE: For further assistance visit the Manitowoc Ice YouTube channel for an instructional video on how to do this conversion.

Component parts included in the kit:

Part	Number Description	QTY
202-FN1101	VLV MECH PL	1
701113	WASHER 1/4” NYLON WHT	2
00354409	NUT HEX CAP 1/4” FLARE SS	1
5008532	ADAPTER .25 BRB X .125 NPT	1
5011940	SCR 8-32 X 1/2”ES FORM PH PN STL ZJNC	3
00201803	NUT HEX #8-32	3
0905413	CLAMP 1/2’ CABLE	1
015513300	CLAMP STEPLESS 22 13.3 MM	2
5008317	LABEL WATER	1
5008816	TUBING 1 n 1/41N 500:FT BX	6
8706093	FEMALE WING ADAPTER	1
1701150	NUT 1/4” X 1/4”90 D SWVL W/E	1
5121703	SCR 8-32 X 1/2” SS P	2
000016898	BRACKET, WATER DISPENSER	1
000016899	INSTALLATION INSTRUCTIONS	1
8014413	FORM, THREE PART PROD/COST/DIS	1
7202011	ENV 4 1/2” X 7 1/2" END LOADER	1
7200631	POLYBAG 4 X 6 .002 ZIPPER PLAIN	1
7202943	BUBBLE PACK 96” WIDE 750'LONG	5 FT
7102633	CARTON	1

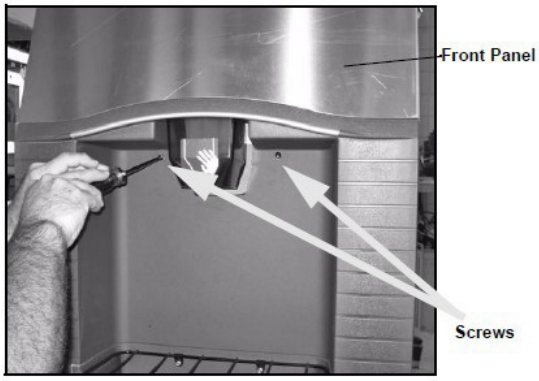
Installation

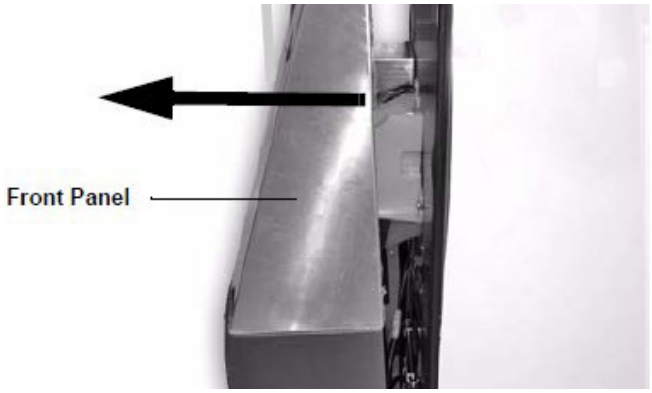
Step 1 Disconnect power

Disconnect power from the dispenser by unplugging the power cord from the electrical outlet.

Step 2 Remove front panel

1. Using a Phillips head screwdriver remove the two screws located on both sides of the ice chute.
2. With the screws out, remove the front panel by grasping both sides and pulling downwards towards you until it is clear of the ice chute, then pull the panel up and out.





Step 3 Drill hole for Water Valve

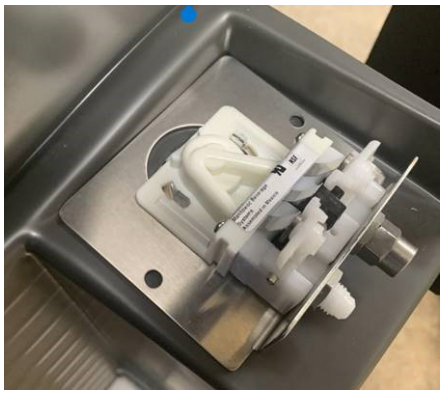
1. Stand front panel upright on end.
2. Drill a hole from the backside of the panel using the template at the end of this manual and a 3” hole saw. Drill the hole on the flat surface to the left of the ice chute opening.
3. Deburr the edges and clean up all shavings.





Step 4 Mount the valve and bracket in the hole

1. Place the valve assembly and bracket into the 3” hole.
2. Square the upper left 90” corner of the bracket to center the valve in the middle of the 3” hole. Bracket must be flush along the front edge or the front panel.

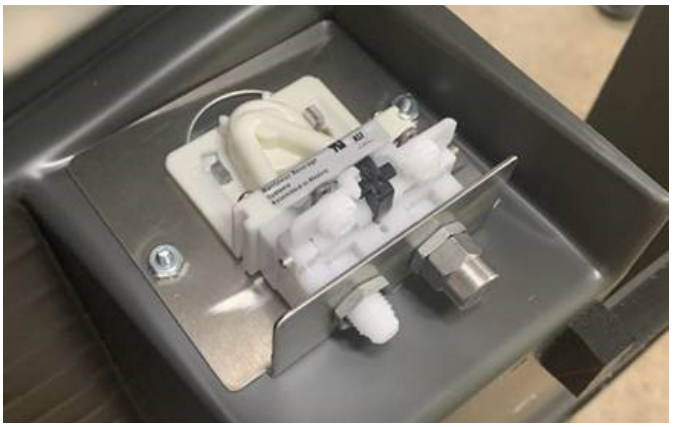


3. Use the holes in the bracket to drill two 1/4 inch holes into the plastic.



Step 5 Mount the valve and bracket into the hole

1. Place the valve assembly and bracket face down into the hole and fasten the bracket to the front panel with the bolts and nuts provided.





Step 6 Remove Grommet in rear panel

1. Reach in from the front of the dispenser to remove the black grommet on the rear of the dispenser.





Step 7 Insert water tube into the back panel

1. Insert the water hose with the left elbow through the hole, and feed the hose through until the fitting is flush with the back panel.
2. Using the two screws, fix the flange to the back of the dispenser.





Step 8 Connect hose to the valve

1. Run the hose line to the front of the panel and secure the hose to the water valve. Verify the nylon washer is in place. Tighten snug with a 9/16 or adjustable wrench.





Step 9 Secure the hose to the front panel

1. Drill a 14” hole from the front side of the panel in the side wall of the dispense area.
2. Secure the hose using the provided hose clamp, nut and screw.





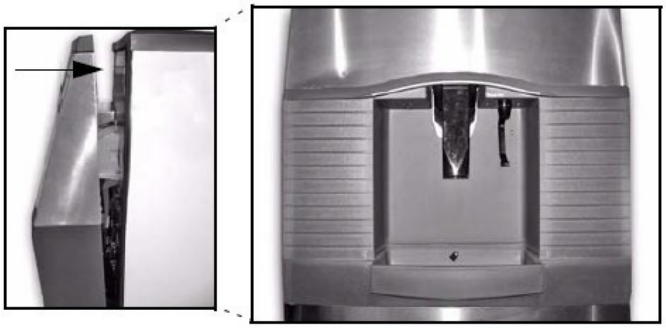
Step 10 Connect the water line

1. Connect the water line to the flange on the back of the dispenser.
2. Turn the water on.
3. Check for leaks, make sure there is no leakage from the water tap to the flange or dripping from the valve to ensure there are no leaks.
4. Place cover on top of the water valve



Step 11 Install the front panel

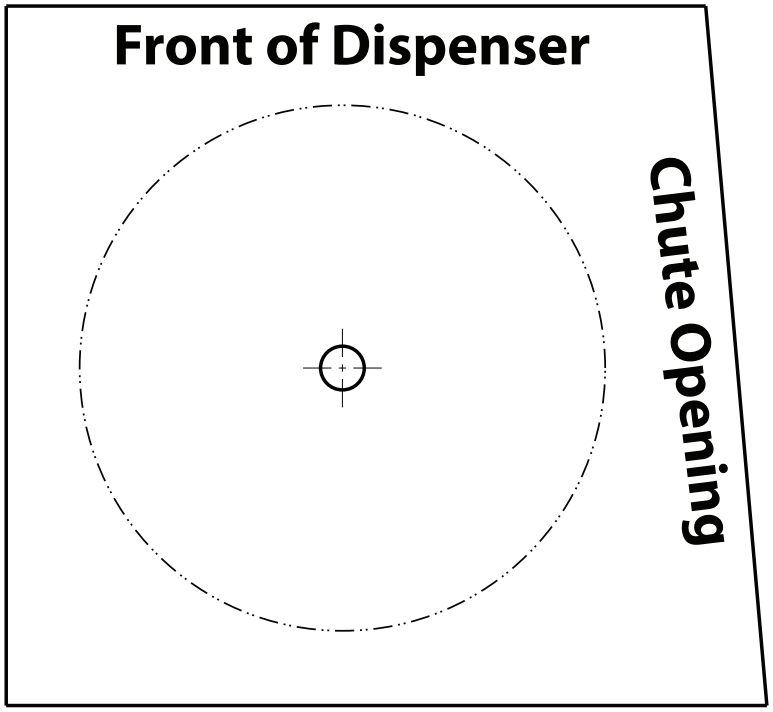
1. Push the front panel all the way back into its final position, replace the two screws on both sides of the ice chute.



2. Place water label on the front panel.



Water Valve Hole Template



Cut Out Template With Scissors To Allow Accurate Placement

