MANITOWOC ICE
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Instruction Sheet

Subject: SM050 Water Filter Head Replacement Kit

⚠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

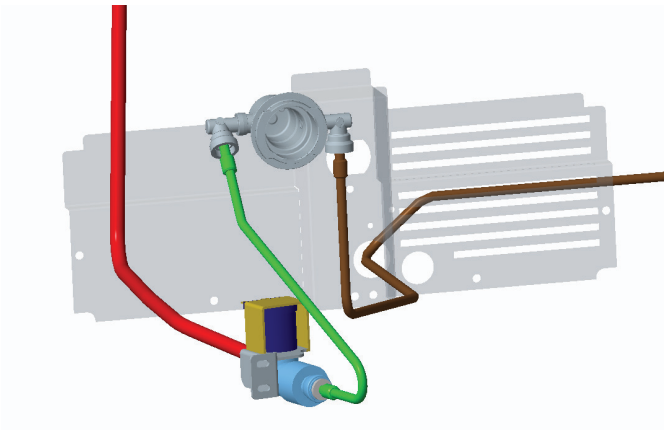
Disconnect electric power to the ice machine at the electric switch box before proceeding. Failure to disconnect the power at the main power supply disconnect could result in serious injury or death. The power switch DOES NOT disconnect all incoming power.

⚠Warning

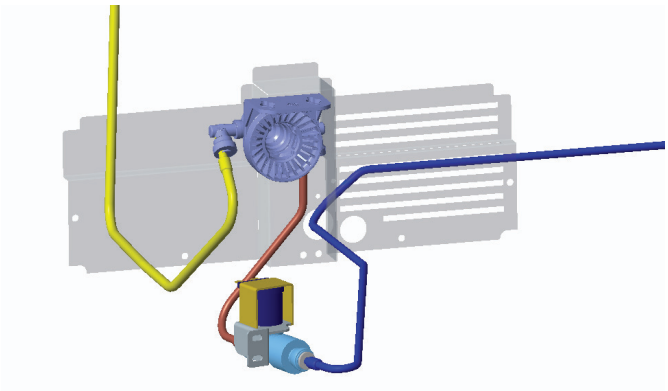
This equipment contains refrigerant charge. Procedures must be performed by a properly trained and certified refrigeration technician aware of the dangers of dealing with refrigerant charged equipment.

1. Remove front door, front grill & back panels for full access. Fasteners are to be reused for mounting and securing components.
2. Disconnect and remove water lines connected to the water filter manifold and water inlet valve.

Current Water Filter Manifold and Connections



New Water Filter Manifold and Connections



3. Remove the water filter and water filter enclosure.
4. Remove the water inlet valve for better access to the water filter manifold.
5. Install foam insulation boots onto new water filter manifold. Make sure not to cover water connection openings and water filter connection opening. Use tie straps to secure the boots.
6. Remove the screws from the current water filter manifold (reuse screws). Remove the current water filter manifold. Secure new water filter manifold.

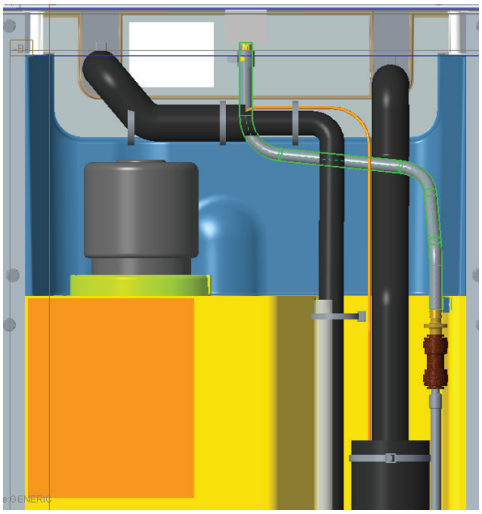
7. Install insulation on the grey short PEX line. Run the PEX tube from the water inlet valve outlet to the water filter manifold inlet.

NOTE: Do not fasten the replacement water inlet valve to the base until all water connections are secure.

8. Carefully route the water line through the unit protecting the tube ends and the tube from bending. Install the water line securely onto water inlet valve inlet and secure with the red locking clip.



9. Insulate and install the preformed water line from the water filter manifold outlet to the evaporator. Insert the tube through the unit so that the tube is inside the sheet metal hook next to the left side panel and the longer straight section is up the rear of the unit.



10. Secure the line with a tie strap around the accumulator.
11. Assemble John Guest adapter - 3/8” x 1/4”.
12. Connect the manifold water line to evporator water line using the John Guest adapter and hose fitting.
13. Secure water inlet valve to base.
14. Apply line water pressure. Verify all water connections remain dry under pressure. Correct as needed.
15. Start ice making sequence and observe all water connections.
    - Water Inlet Valve
    - Evaporator Water Inlet Fitting
    - John Guest Adapter
    - Hose Fitting
16. Power the unit off then start the ice making sequence again to power the inlet valve and start water flow. Repeat this process a minimum of 3 times and observe all water connections to verify they are dry.
17. Verify all insulation is in place throughout unit.
18. Reassemble the unit.

NOTE: The Manufacturer Warranty does not cover damage occurred from internal or external water leaks incurred from servicing the unit.