Manitowoc® Service Communicator

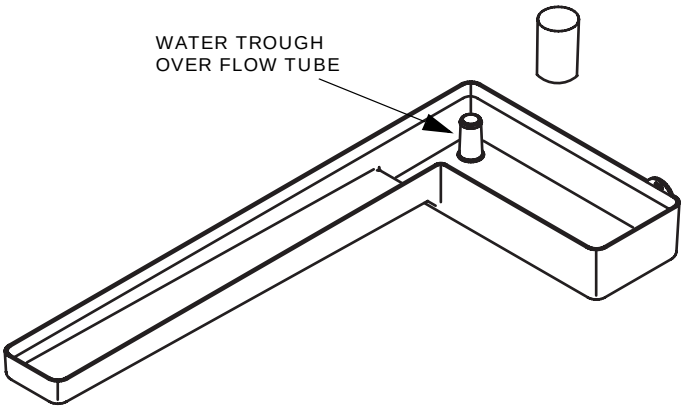
Subject: Float Valve Water Level Kit 76-0213-3

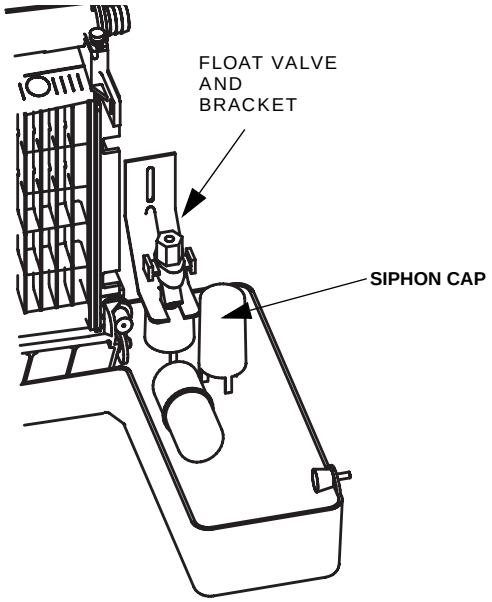
Affected Ice Machines:
QM45, Q130, Q210, Q270 undercounter ice machines with a serial number before 031100000.
The water level in the water trough has a tendency to creep higher as the float valve seat wears in and takes a set. This can result in overfilling of the sump trough and water loss down the over flow tube during the freeze cycle. Symptoms of water loss can mimic a refrigeration problem. Depending on the amount of water leakage down the drain the ice fill pattern can range from thin on the top of the evaporator to no ice on the evaporator. The water level can be easily checked by removing the siphon cap.
To correct this problem we have implemented the following changes:

- The float valve bracket has been modified to allow a lower water level without bending the float valve arm.
- The vinyl tube from the water pump to the distribution tube has been enlarged.

This accomplishes two things.

1. More water is in the circuit ensuring water is flushed from the sump trough during the harvest cycle.
2. The water level can be set lower (3/8” below the top of the standpipe) which allows a wider operating range.





When a float valve is replaced on Ice Machines with a serial number before 031100000 the float valve will be replaced with kit number 76-0213-3.
This kit includes the Float Valve, Float Valve Bracket, Water Pump Discharge Tube and Instructions.

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