



Parts & Service Communicator



Subject: Proper Water Bath Cleaning Procedure

SCOPE

Multiplex Remote Chillers

SYMPTOM

Improper cleaning of the water bath on Multiplex units causing damage to the system. Use of cleaners containing chlorides may attack metals within the Multiplex unit. This includes but is not limited to the evaporator, carbonator tanks, and agitator motors. Use of chlorides will void all warranties.

ACTION

Every 4 months (3 times per year)

Warning

Moving parts & shock hazard, be sure turn machine off and unplug!

1. Clean the refrigeration unit air-cooled condenser using a vacuum cleaner. If equipped with water cooled condenser, verify the water discharge temperature is at 105°F (41°C). Adjust water modulating valve if necessary.
2. Inspect ice bank within the water bath to verify proper size ice bank and clarity. Look for uniform, 2" to 4" thick ice bank.
3. Turn off the refrigeration compressor.
4. After the ice bank has melted, clean the evaporator coils with a soft brush. Do not use any additional detergent, sanitizers, or cleaning agents that contain chlorides.

Warning

Using cleaners or sanitizers containing chlorine or other chemicals with residual properties may cause harm to internal components if not rinsed properly, any damage caused by such cleaners/sanitizers will not be covered by warranty.

Important

Be careful not to damage the evaporator coils.

5. Drain the water bath. Refill the water bath with clean, unfiltered tap water. Clean the evaporator coils again and the water bath tub with a soft brush.
6. Drain the water bath, then refill the water bath with clean, unfiltered tap water.
7. Inspect the agitator motor and ensure proper operation.
8. Inspect the circulating motor/pump assemblies.
9. Inspect the carbonating motor/pump assemblies. Clean pump strainer.
10. Inspect the entire refrigeration and water systems for leaks and repair as required.
11. Inspect the water bath to verify water level is at the top of stand pipe. If below, add water. If excessive amount of water is flowing over stand pipe, locate leak within bath and repair.

FURTHER ACTIONS

Contact Manitowoc Beverage Systems Service Sellersburg Indiana if you have any questions or concerns:
1-800-367-4233.