

The AA First ArcticChill Overflow 108 and 109 System

Customers can purchase the following.

- An ArcticChill 108/109 with Overflow, Factory Installed (OVERFLOW10NEWINSTALLED)
- An ArcticChill 108/109 Overflow Tank for Self-Installation. Comes with overflow cut off Float switch. (OVERFLOW10NEW) (It is a recommended option but not essential to connect)

Parts List to assist Installation:

Float Switch & Adaptor



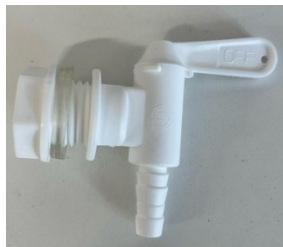
Overflow Tank complete
(OVERFLOW10NEW)

Float switch with adaptor



Overflow alarm

Tank Tap Assembly



Overflow Tank Support Bracket

(BRACKET10)



AA First Overflow Alarm



Tools required for installation

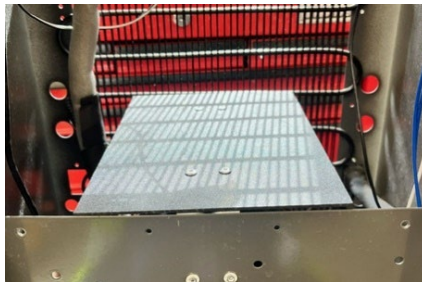
- Drill with 4mm metal drill bit (see point 2)
- Drill with 3mm metal drill bit (see point 5)
- 10mm metal drill bit (see point 7)
- Phillips head screwdriver
- 40mm hole saw drill bit (see point 8)

Installation Procedure

Note: Ensure the cooler is powered off and disconnected from the electrical supply before beginning installation.

Remove the Drip Tray and Bottom Panel to Install the Overflow Tank Support Bracket.

1. Align the two holes at the front of the Overflow Tank SUPPORT Bracket with two holes at the Horizontal Bracket
2. Drill 2 x 4mm holes and secure the Support Bracket with the screws and bolts provided.

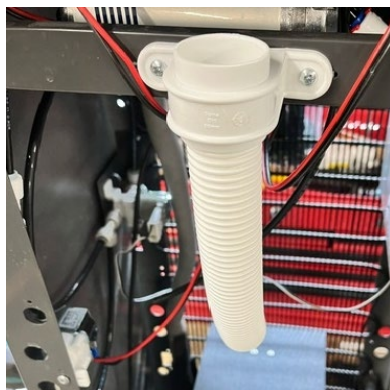


3. At the rear of the Cooler push the condenser slightly apart to make space for a 6mm threaded hole
4. Insert a 6mm bolt and fasten it into position.



Installing Pipe Bracket

5. Drill 2 x 3mm holes in the Horizontal Support Bracket, central to the Drip Tray
6. Use the screws provided to secure the Pipe Bracket into position.



Wiring in the Float Switch

Please note there are two different wiring configurations to connect the float switch. Connection of the float switch is a recommended option. The float switch will close the inlet valve when activated. This is designed to prevent the overflow bottle overflowing.

108 inlet solenoid connection



Remove 1 connector



Connect 2nd float switch wire to the solenoid

Connect to Tank float switch wire

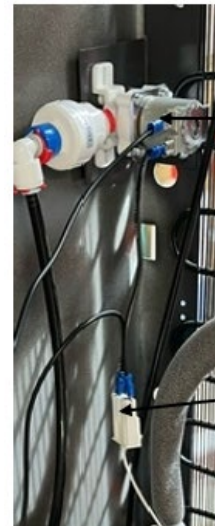
109 inlet solenoid connection



Disconnect inlet solenoid connector



Connect adapter wire



Connect 1 wire from tank float switch to solenoid

Connect the other wire from tank float switch to the white connector

Tank installation

7. Drill a 10mm hole underneath the centre of the Drip Tray



Drill 10 mm hole

8. Using a hole saw mark and cut a 40mm hole in the Coolers Lower Front Panel



Panel

9. Install the 10ltr Overflow Tank with Tap to empty the Tank



Operation

If the cooler stops dispensing or the alarm sounds. Empty the bottle via the tap.

1. Disconnect the cooler from the electrics
2. Remove the drip tray
3. Remove the spring loaded lower front panel from the cooler by pressing down and pulling out
4. Drain the bottle through the tap
5. Re-assemble the cooler in the reverse order of above

We recommend the use of chlorine tablets in the bottle to help prevent smells.

We recommend customers empty the bottles on a suitable frequency to avoid the float switch cutting off the water supply and or the alarm sounding.

We recommend that customers check the alarm battery and replace if exhausted.