

Issue 13 The information hub is designed to provide - mainly technical - information relating to Water Coolers and Boilers, to assist you with your work

LOW WATER PRESSURE

How to protect Direct Chill Coolers from Low Water Pressure

Direct Chill Coolers are more sensitive than Tank Fed Coolers to low water pressure, since the incoming water pressure literally drives the dispensing speed at the point of dispense. Water utilities provide mains Water to any building at a minimum of 2bar. However, much can happen inside the building.

What can be done?

1. Avoid long runs of 1/4" Poly Pipe from the mains to the Water Cooler, as they will slow down the flow rate and dispensing speed at the point of entry into the Cooler. Best practice is that the length of the Poly pipe should not be more than 5 metres.



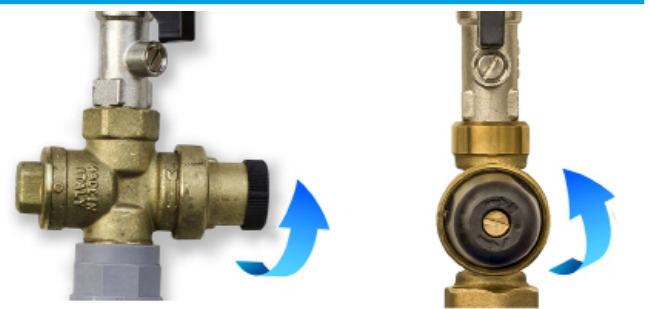
2. Change Filters from a Carbon Block Filter to our NANOFILTER. Solid Carbon Blocks further reduce the dispensing speed. Our NANOFILTER has an open architecture which guarantees a much better flow rate and reduces the risk of blocking.

The AA Filter Video compares the increased flow rate of the NANOFILTER compared to a 1 micron Carbon Block. Watch Now!



Visit: <http://www.aafirst.co.uk/nano-filter-technology>

3. Open the pressure regulator found on the Installation Rail (but first ensure that your push fit water connections are secure and fixed with a red clip)



Attention! Low water pressure can be a sign that the supply is not mains water, but comes from an overhead tank. It may therefore not be of a drinking water quality and unfit for human consumption. Check with Building Maintenance.

