



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

Direct Chill Coolers are more sensitive to Water Pressure than Tank Fed Coolers, since the incoming water pressure drives the dispensing speed at the Tap. Water utilities provide mains water to the curtilage of any property at a minimum of 2 bar. However, much can happen on the way to the Tap.

What can be done?

1. Avoid long runs of 1/4" Poly Pipes as this will slow down the flow rate. Best practice is to limit the length of the Poly Pipe to 5m.



2. Change Filter from a Carbon Block to our open architecture NANOFILTER. The NANOFILTER guarantees 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 Installation Rail pressure regulator (first ensure that all push fit connections are secure) to increase flow.



Connecting COSMETAL Coolers with PFRAILKITCOS

COSMETAL Coolers use larger diameter 8mm pipes. Our PFRAILKITCOS Installation Rail Provides the Necessary 8mm connections from the rail to the filter to the COSMETAL, plus a length of 8mm pipe.

Depending on the overall water pressure, the installer may get away with using a standard 1/4" Installation Rail. If the water flow is too low, they can go back to the previous steps to improve the flow rate. If still not acceptable, he has no option than to use an 8mm PFRAILKITCOS.



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.

