

About Your Undersink Chiller

Refrigeration Capacity:

Cooling Capacity	Litres per hour	Cups at once
20°C	15	15 cups
32°C	4	10 cups

The above values can vary according to the position of the unit i.e. area of low ventilation, direct sunlight, or excessive use.

Tests carried out on a continuous draw of water. If used normally (filling a glass at a time), the volume of chilled water produced will increase by 50-60% per hour.

Installation:

Easy and fast connection using John Guest Speedfit fittings (See Page 2).

Pressure:

Maximum inlet pressure at inlet 5 bar.

Thermostat:

The chilled water temperature can be regulated by the thermostat.

Refrigerant:

HFC Free refrigerant R134a which has zero ODP (Ozone Depletion Potential).

Refrigeration Chamber:

The 1.4 litre capacity stainless steel Aisi 304

Water Plumbing:

Stainless steel.

Electrical Requirements:

220V AC, 50Hz. Other voltages and frequencies are available. Power consumption 90W.

Accurately tested to ensure maximum safety. The unit is CE marked at testing, conforming to European Standards and Directives.

Physical Dimensions:

W:175mm D:290mm H:345mm

Weight:

Net:12kg Gross:13kg

Guarantee:

One year on the sealed refrigeration system and most component parts.



Undersink Chiller - Installation Instructions

IMPORTANT NOTICE

When Installing the cooler unit into a kitchen cabinet, you must provide for the following:

- Maximum water pressure at inlet 5 bar.
- A kitchen base unit not less than 800mm wide, good ventilation within the cabinet to allow cooling of the cooler unit. Where possible you should provide a vent in the base and one near the top of the cabinet to allow air to flow.
- You must provide a 75mm air gap on all sides of the cooler unit.
- The chiller MUST NOT under any circumstances be covered.

Failure to provide the above will affect the performance of this product and could cause the cooler to overheat.

The water system should always flow through the system as follows :

Water Filter -> Cooler -> Tap.

1. Ensure that the cooler is seated on a flat surface, well ventilated and not in direct sunlight. Connect one end of the flexible tubing to the OUTLET of the cooler & the other end to the tap – please push the tube home to ensure a water-tight connection.
2. Connect one end of a second piece of flexible tubing to the INLET of the cooler & the other end to the outlet of the water filter.
3. Finally, connect a third piece of flexible tubing from the inlet of the water filter to the main water supply isolating valve.
4. Once all connections have been made, open the drinking water tap and turn on the mains water isolating valve to let water through the entire system. Check all joints are leak-free.
5. Ensure that the surrounding area is free from any spilt water before connecting the electrical supply to the cooler.
6. Allow the cooler to operate and test the water temperature. Adjust to taste.

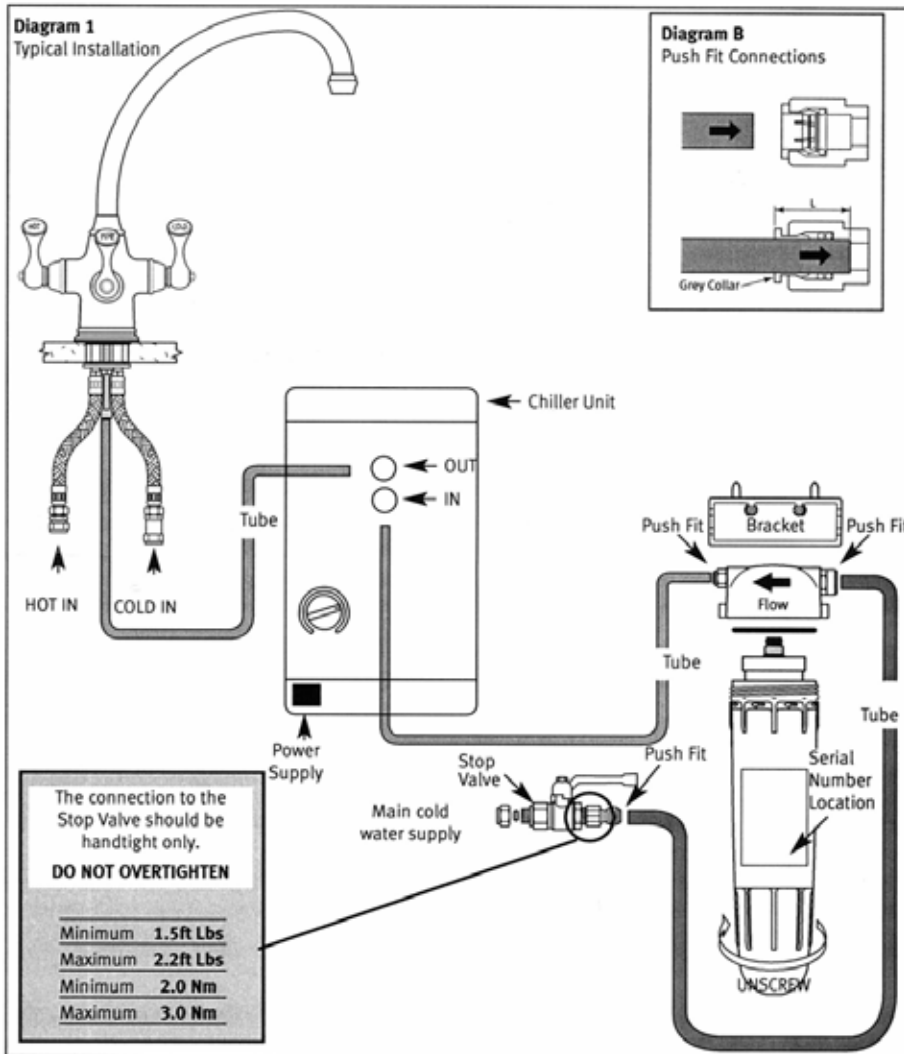
Maintenance

The cooler uses an hermetically-sealed, permanently lubricated, maintenance-free refrigeration compressor protected by an automatically re-engaging motor cut-out.

To minimise the risk of leakage of refrigerant gas, the unit is completely sealed by welding.

The carbon block water filters require the cartridge to be changed every six months to maintain the quality of water. By simply unscrewing the water filter cartridge, the water supply will be isolated. Install the new cartridge and flush the system to remove any carbon dust unsettled during transit.

We will contact you in six months to remind you to replace your filter; alternatively you can contact us on Tel:0800 7311 491 or email to info@watercoolersdirect.com



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