

Model: FFUSC-6

Remote Under Sink Chiller

FFUSC-6

- Lead and copper free waterways
- 1.9 litre stainless steel chilling tank
- 6 litres/hour cooling capacity
- Stainless steel internal waterways
- Powder coated steel cabinet
- Snap fit water line connectors
- Chilling tank drain plug
- Dual static condensers, fan assisted
- Tube on tank cooling system
- Adjustable thermostat
- Easy to install
- 3 year comprehensive warranty



The Filters & Fountains Remote Under Sink Chiller features a Powder coated steel cabinet and is compact, is easy to install under a sink or anywhere else where space is at a premium. It provides the most unobtrusive way to have chilled water on tap, on demand and with the addition of optional filtration. It also delivers fresh, clean, chilled water with the touch of a lever.

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Features and Specifications

General

The Filters & Fountains FFUSC-6 compact, remote chiller is designed for use with drinking fountains, filters, bubblers or glass fillers, thereby enabling any drinking station to supply chilled refreshing water. It can be installed under a sink or bench, in the ceiling, on a column, an adjacent wall, or in a service area. In fact it's perfect to serve just about any single remote outlet at home or in the office.

Construction

Cabinet: Colour is Powder coated, manufactured of zinc coated steel and coated in electrostatically applied, high polymer polyester resin.

Storage Tank: Constructed of stainless steel, it has a volume of 1.9 Litres and is fully insulated. The internal waterlines are 1/4"OD stainless steel and are heliarc welded to eliminate corrosion.

Specifications

Cooling Unit: Tube on tank style evaporator. Six windings of copper tube for balanced, efficient cooling.

Thermostat: Factory pre-set, the positive sensing thermostat accurately controls the temperature of the evaporator and the stored water within the reservoir.

Condenser: Quiet operating, air cooled, dual static type. 2 x 380mm x 250mm. Fan assisted for extra efficiency.

Plumbing Connections: Both the inlet and outlet are flush mounted, 1/4"ID quick connect, push-in fittings, suitable for connection to industry standard 1/4"OD tubing.

Drain Plug: Provided with drain plug and seal, which is removable for servicing.

Refrigeration System: HFC-134a refrigerant which is non toxic, non-flammable and non ozone depleting. Refrigerant flow is controlled by capillary tube, which has no moving parts. The compressor is protected by an automatic overload, is lifetime lubricated and hermetically sealed.

Electrical: Furnished with 1.8 metre GPO power cable and plug. 240 volts, 50Hz. Single phase. Running amps - 0.74A. Power consumption - 120W (Cooling Capacity).

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Cooling Performance

The Filters & Fountains FFUSC-6 is capable of cooling approximately 6*LPH (litres per hour) at 10°C.

Cooling Speed: From 27°C to 10°C, 21.6 minutes.

Cooling Capacity: 5.8 litres/hour/10°C ± 2°C.

Draw Off Capacity: 8 cups below 10°C.

*Example of water temperature of 150ml cups

1st	2nd	3rd	4th	5th	6th
8.6°C	6.2°C	6.9°C	7.7°C	8.4°C	8.7°C
7th	8th	9th	10th	11th	12th
9.1°C	9.7°C	10.2°C	11.0°C	11.9°C	12.4°C

*CRITERIA

Air Temperature, (in immediate vicinity of cooler) 32°C.

Inlet water temperature, (immediately prior to cooler inlet) 27°C.

All capacities and performance data is based on the assumption that adequate ventilation has been supplied to the unit as per the installation instructions. Ratings are based on intermittent use under environmental conditions of ARI Standard 1010 (self contained, mechanically refrigerated drinking water coolers) and UL399 (drinking water coolers).

Weights and Dimensions

FFUSC-6	WEIGHT	WIDTH	DEPTH	HEIGHT	SHIPPING VOLUME
NETT	12.5 kg	210 mm	410 mm	290 mm	0.035 m ³
PACKED	13.5 kg	230 mm	460 mm	330 mm	

