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- ◆ Water Filtration/Purification
- ◆ Laboratory Equipment
- ◆ Swimming Pool Test Chemicals/Supplies
- ◆ Auto Water Boiler/Chiller Units
- ◆ Drinking Fountains/Water Bottle Refill Stations
- ◆ Outdoor Showers / Hand/Hair Dryers
- ◆ Hand Wash Warm Water Dispensers

Remote Under Sink Chiller

- Lead and copper free waterways
- 1.9 litre stainless steel chilling tank
- 6 litre/hour cooling capacity
- Stainless steel internal waterways
- Appliance white 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
- 1 year comprehensive warranty



AquaPolar

The AquaPolar AUC20, remote under sink chiller, features an appliance white, steel cabinet and is compact and 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 delivers fresh, clean, chilled water with the touch of a lever.



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FEATURES AND SPECIFICATIONS

GENERAL

The AquaPolar AUC20 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 perfect to serve just about any single remote outlet at home or in the office.

CONSTRUCTION

CABINET: Colour is appliance white. 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. 240volts, 50Hz. Single phase. Running amps-0.74A Power consumption-120W (Cooling Capacity).

COOLING PERFORMANCE

The AquaPolar AUC20 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 150m1 cups

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

AP40	WEIGHT	WIDTH	DEPTH	HEIGHT	SHIPPING
NETT	12.5kg	210mm	410mm	290mm	VOLUME
PACKED	13.5kg	230mm	460mm	330mm	0.035m ³



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