

AquaDuo ABDU Series

Undersink Boil n Chill Water Dispensers

INSTALLATION INSTRUCTIONS

DO NOT CONNECT WATER SUPPLY, UNTIL An INLINE 350kPa PRESSURE LIMITING VALVE is Fitted After the Water Supply Isolation Valve.

NO Pressure Limiting Valve Fitted- NO WARRANTY. WARRANTY is VOID

INSTALLATION AND MAINTENANCE INSTRUCTIONS

IMPORTANT PLEASE READ

"ULTIMIX" dispenses boiling water – Please treat with care.
Do not use the undersink "ULTIMIX" for washing hands.

IMPORTANT:

An authorised plumber must install units – unit must be connected in accordance with AS3500.4.1 or, AS/NZS 3500.4.2

Supply pressure minimum – 200 Kpa, maximum – 2000 Kpa

Supply temperature – 5 deg to 35 deg

This unit is fitted with a computerised element and boil dry protection.

Altitude will alter temperature (refer back to manufacturer)

DO NOT SWITCH ON POWER UNTIL WATER RUNS OUT OF TAP

* Rapid action ¼ turn tap handles

* No drainage or overflow is required

* The tap vents through the tap spout

Components supplied with the unit;

- Chiller unit
- Boiling water unit
- Tap dispenser
- Auqunect flexible connector – 450mm long (Do not over tighten)
- Combined dual check valve with 350 Kpa PLV (Connected to boiling water unit)
- Filter enclosed in the boiling water case.

* If fitted with filter we recommend changing the cartridge every 6 months

* The manufacturer recommends the cleaning and service of the unit every 12 months

* IF SUPPLIED CORD IS DAMAGED IT MUST BE REPLACED BY AN AUTHORISED SERVICE AGENT (ELECTRICIAN).

PLEASE LEAVE THESE INSTRUCTIONS WITH THE OWNER.

Installation Instructions – “ULTIMIX”

DO NOT PLUG IN OR TURN ON POWER – UNIT MUST BE POSITIVELY EARTHED

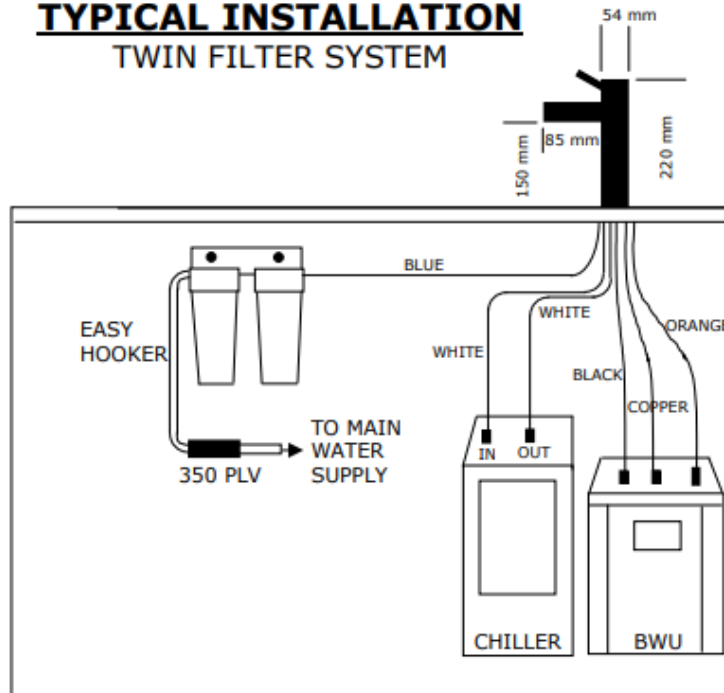
1. Position the tap head on a flat area in an appropriate location (i.e. Tea room sink), Drill 38mm diameter hole, washer supplied.
2. Position boiling water unit underneath the sink directly beneath the tap head.
3. Observe attached labels (ensure when pipes are cut – de burr ends before fitting).
 - a. Connect 5/16” outlet from the tap head spout to the boiling water unit, NB: The pipe must not be extended and must have continuous fall between tap and boiling water unit.
 - b. Connect inlet pipe from the tap body to the boiling water unit (inlet).
 - c. Connect main water supply from the tap body to the outlet side of the filter head.
 - d. Connect the 3/16” nylon tube from the tap to the 3/16” copper vent pipe on the boiling water unit. (heat nylon tube ends in boiling water to ensure easier fitting).
 - e. Position the chiller unit adjacent to the boiling water unit with a minimum clearance between the units of no less than 50mm.
 - f. Connect inlet and outlet pipes from the tap head to chiller unit as per markings.
 - g. Connect aquaknect flexible hose to PLV (inlet side of the filter head).
4. Open both taps until the water is flowing from both spouts. 18 litres of water must be flushed through filter before turning on power.
5. Plug units into the power point and switch on.

NB: When fitting this unit in a cupboard of small proportion, please note that these units omit heat. If in doubt install cross flow vents.

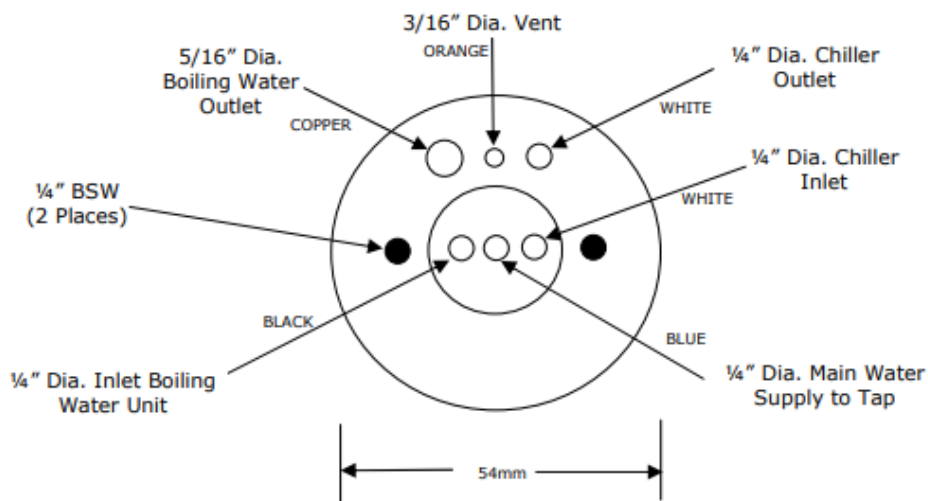
Do not connect to hot water line – to do so will void warranty.

- ❖ 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

TYPICAL INSTALLATION
TWIN FILTER SYSTEM



UNDERSIDE OF TAP



(Drill Mounting Hole in Sinktop 38mm Dia)

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TROUBLE SHOOTING
Action to be performed by a qualified person.
BOILING WATER UNIT

SYMPTOM	CAUSES	ACTION
No Water	Water supply turned off	Check mains supply
	Blocked Filter	Replace Cartridges
Water not hot	Faulty element and computer	Replace dual computerised element
	No power supply	Check and test power supply
Water overflowing from tap spout	Expansion chamber full	Run tap for 5 – 10 mins, this will correct water level in expansion tank.
	Low inlet pressure	Contact manufacturer
	Boiling On	Replace element
Excessive steam from tap	Fault element	Replace element

The boiling water unit is designed to have no less than 150ml off at any one time.

CHILLER UNIT

No water	Water supply turned off	Check mains supply
	Blocked Filter	Replace cartridges
Water not cold	Thermostat	Not set correctly
	Loss of gas	Contact manufacturer
	Failed fan	Contact manufacturer
	No power supply	Check and test power supply
	Poor ventilation	Clean cabinet louvers (if fitted) & condenser fins. These units need ventilation.
	Faulty element	Replace element

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