



**Boiling-Billy.com**

Filtered Boiling and Chilled Water Units

## **MBC SERIES ABOVE SINK BOILING BILLY MINI BOIL N' CHILL**

### **INSTALLATION AND MAINTENANCE INSTRUCTIONS**

### **IMPORTANT .... PLEASE READ**

This unit dispenses boiling water – Please treat with care.

If a tundish is to be used, it must be placed in accordance with your plumbing authorities regulations.

**IMPORTANT: THIS UNIT MUST BE INSTALLED BY AN AUTHORISED PLUMBER.**

**WARNING:** Unit is to be connected in accordance with AS3500.4.1 or AS/NZS 3500.4.2

This unit (Boiling water side) is fitted with a Computerised element and boil dry protections.

The unit is fitted with a 350 kpa pressure limiting valve with dual check.

**DO NOT PLUG IN      POWER MUST BE OFF UNTIL INSTALLATION IS COMPLETED**

**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.**

**N.B. MUST ALLOW 150MM ABOVE AND BELOW FOR AIR FLOW. IF SUPPLIED CORD IS DAMAGED IT MUST BE REPLACED BY AN AUTHORISED SERVICE AGENT (ELECTRICIAN).**

**PLEASE LEAVE THESE INSTRUCTIONS WITH THE OWNER.**

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## **Installation Instructions – MODEL MBC SERIES**

### **DO NOT PLUG IN OR TURN ON POWER**

1. Remove four screws from plastic case and remove cover.
2. Mount unit on the wall using fixing points on the back of the unit. Unit is to be positioned 300-350mm above a drain board when possible, so that in the event of filling cups, etc. spillage occurs, water is disposed via sink.
3. Connect cold water supply to inlet (12mm) through a stop tap in the supply line. (Stop tap to be supplied by the installer). Provision is made for concealed plumbing or out of the bottom of the unit.
4. Connect overflow pipe to waste (12mm). Check with plumbing regulations in your state. Do not block the overflow pipe.
5. Place plastic cover back onto the unit and secure with the four screws.
6. Fit red handle tap onto the left hand side inlet (boiling water) and the black handle tap onto right side inlet (chilled water).
7. Plug unit into 10amp power inlet (do not turn on the power).
8. Turn 'on' water supply to the unit and 'open' the red handle tap only until water flows out of the tap. If fitted with internal filter flush 18 litres of water through unit.
9. When the water flows out of the red handle tap and the chiller tap, please switch the power on.

### **ALLOW APPROX. 30 MINUTES BEFORE USE**

Please note: The boiling water unit is fitted with a computerised element and boil dry protection the computer is set at 97 degree C, altitude will alter temperature (refer to manufacturer).

Only Teflon tape to be used where necessary, under no circumstances is plumbers paste to be used.

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

**MR PLUMBER:  
DEPENDING ON WATER CONDITIONS THE MBC MAY REQUIRE AN ADDITIONAL PRE  
FILTERS (CONTACT MANUFACTURER)**

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## TROUBLE SHOOTING

Action to be performed by a qualified person.

### CHILLED UNIT

SYMPTOM	CAUSES	ACTION
<b>Water overflowing</b>	Water level too high	Check and set approx 20mm. Below the overflow pipe inside the flow tank. Remove ball valve body and Insert, clean and reinstall and Adjust ball valve arm if necessary. Remove ball valve float and Check to ensure that there is no water in it. Replace if necessary. Ensure ball valve closes (does not leak)
	Power not on	Check if power is turned on.
<b>Not cold</b>	Faulty thermostat	Contact service agent or Manufacturer.
	Faulty compressor	Contact service agent or Manufacturer.
	Loss of Gas	Contact Manufacturer.
	Poor ventilation	Clean cabinet louvers (if fitted) and condenser fins (located under fan). The unit must have ventilation
<b>No water</b>	Water has been turned off	Turn on water
	Blocked ball valve	Remove ball valve and clean or replace if necessary.
	Blocked filter	Replace if necessary.
	Faulty thermostat	Check to ensure that thermostat has not been turned to cold all the way, this will freeze the unit.
RATING CONDITIONS PERFORMANCE Inlet water temperature – 27 degree C Outlet water temperature – 10 degree C Ambient water temperature – 27 degree C All units set at approx. – 6 degree C		

## TROUBLE SHOOTING

Action to be performed by a qualified person.

### BOILING WATER UNIT

<b>Water overflowing</b>	Water level too high	Check and set approx 20mm. Below the overflow pipe inside the flow tank. <b>(Bend arm if necessary)</b> Remove ball valve body and Insert, clean and reinstall and Adjust ball valve arm if necessary. Remove ball valve float and check to ensure that there is no water in it. Replace if necessary.
	Ball valve defective	Ensure ball valve closes off.
<b>Continuous Boiling</b>	Faulty element	Replace element
	Power not on	Check if power is on.
<b>Water is not hot</b>	Element Faulty	Replace element.
	Water has been turned off	Turn on water.
<b>No water</b>	Blocked ball valve	Remove ball valve and clean out or replace if necessary.
	Blocked flow tank (hole)	Remove arm and ball float from the flow tank and using 3mm ? wire clean out the hole situated near the bottom of the flow tank.
	Blocked filter	Change filter cartridge.

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