

**AQUA COOLER OWNERS MANUAL**  
**UB1 , UB2, UB3, WR45**

## **INSTALLER**

To ensure you install the unit easily and correctly, PLEASE READ THE FOLLOWING INSTRUCTIONS BEFORE STARTING INSTALLATION CHECK YOUR INSTALLATION FOR COMPLIANCE WITH PLUMBING, ELECTRICAL AND OTHER APPLICABLE CODES. After installation, leave these instructions with the cooler for future reference.

## **IMPORTANT**

All service to be performed by an authorised service person.

1. Ensure proper ventilation by following the attached instructions for your particular unit.
2. Water inlet and water outlet, 6.2mm (1/4") copper tube. Contractor to supply mains water isolating valve in accordance with local codes.

NOTE: A pressure reduction valve must be fitted if mains water is in excess of 700kPa, and you are using a glass filler or bubbler supplied by Aqua Cooler. The minimum operating pressure for these items is 100kPa.

3. Connecting lines should be thoroughly flushed to remove all foreign matter before connection to the cooler.
4. Ensure electrical power supply is identical in voltage, cycle and phase to that specified on the cooler data plate. NEVER wire compressor directly to the power supply.
5. Do not install unit in a cupboard beside a water heater.

**WARNING:** Warranty is voided if installation is not made in accordance with current Aqua Cooler instructions.

## **INSTALLATION OF COOLER**

Install nominal 6.2mm (1/4") water line between the mains water isolating valve and the cooler, and from the cooler to the bubbler or glass filler, (this line must be insulated). 2 off 1/4" tube, 1/4" tube compression unions are supplied with the unit for connection of copper tubes.

## **START UP**

1. Turn on the building water supply and check all connections for leaks.
2. Open the water dispenser until all air is bled from the cooler system. A steady flow assures all air has been removed.
3. Re-check all water connection for leaks with water flowing through system.
4. Plug cooler power cord into building electrical receptacle.

## **Trouble Shooting & Maintenance**

1. Temperature control: Factory set for 10°C water under normal conditions (Do not alter)
2. Ventilation: Condenser fins should be periodically cleaned with a brush, air hose or vacuum cleaner.
3. Lubrication: Motors are lifetime lubricated.

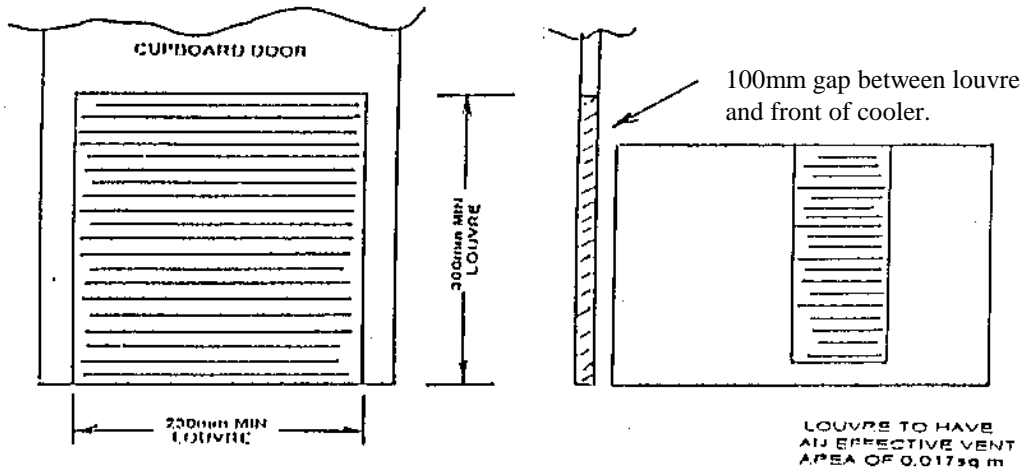
NOTE: If the flexible electric supply cord is damaged, it must be replaced by the manufacturer or service agent or similarly qualified person in order to avoid hazard

# INSTALLATION INSTRUCTIONS - MODEL: UB3

## 1) VENTILATION

Where the unit is being installed in a cupboard or enclosed space, it is essential that sufficient ventilation is provided to carry heat away from it.

The following vent layout pictured below is required:



Please note orientation of unit per affixed label on lid.

## 2) PLUMBING

The cold water line from the unit to the tap or jug filler should be run in 6.2mm (1/4") piping. This line must be insulated.

After installation of pipework, slowly turn on main water valve and open tap or carafe filler allowing water to run. Close off and check joint for water leaks.

**Do not install unit in a cupboard along side a water heater.**

## 3) FREE STANDING

Where the unit is being installed in a free standing situation, allow 100mm of free space on all sides of the cooler, with a minimum 300mm above the unit.

## 4) OPTIONAL EXTRAS

Glass filler.....Pt No: Z-3019  
(including fittings and dress washer)  
1 meter insulation.....Pt No: Z-6052

## INSTALLATION INSTRUCTIONS - MODEL: UB2

### INSTALLATION

1. When the unit is being installed in a cupboard or enclosed space, it is essential that the louvre and seals supplied with the unit be used. The unit is to be installed as follows.
2. Cut the hole in the cupboard door to take the louvre (see diagram). **DO NOT FIT LOUVRE YET.**
3. Remove the two (2) screws from the top angle of the unit. Remove the angle and remove grille by sliding upwards.
4. Fit three (3) rubber seals along the edges of the unit and across base. **DO NOT FIT THE TOP SEAL YET.**
5. Fit the unit into the cupboard. Close the cupboard door, then through the hole cut for the louvre, pull the unit forward so the seals are against the door.
6. There are two holes in the base of the unit. Mark where these are on the cupboard shelf. Push the unit back and drill two (2) 1/8" holes in the cupboard shelf. Pull the unit back into position and using the screws provided fix the unit in position.
7. Open the cupboard door. Slide the grille back into the unit and refit the top angle. Fit the top rubber seal onto the unit. Fit the louvre into the door.

### PLUMBING

The cold water line from the unit to the tap or jug filler should be run in 6.4mm tubing. This line must be insulated.

**Do not install unit in a cupboard along side a water heater.**

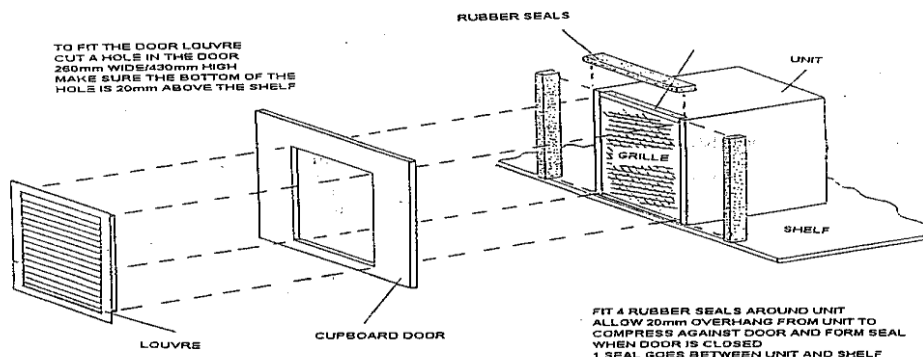
Note: If the mains water pressure exceeds 700kPa, a pressure reduction valve must be fitted.

### FREE STANDING

Where the unit is being installed in a free standing situation, allow 200mm of free air space on the grille side of the unit and 300mm above the unit.

### COMPONENTS SUPPLIED

- |  |  |
|--|--|
| 1 x Water Cooling Unit                           | 1 x Louvre                                     |
| 2 x Self-tapping screws (8 x 20mm)               | 2 x 1/4" tube and 1/4" tube compression unions |
| 1 x length rubber seal 48mm x 10mm x 1450mm long |  |



### OPTIONAL EXTRAS

- |                                  |                      |
|----------------------------------|----------------------|
| Glass Filler.....Part No. Z-3019 | (1 of glass filler)  |
|                                  | (1 of fitting)       |
|                                  | (1 metre insulation) |
|                                  | (1 of dress washer)  |

### IMPORTANT NOTE

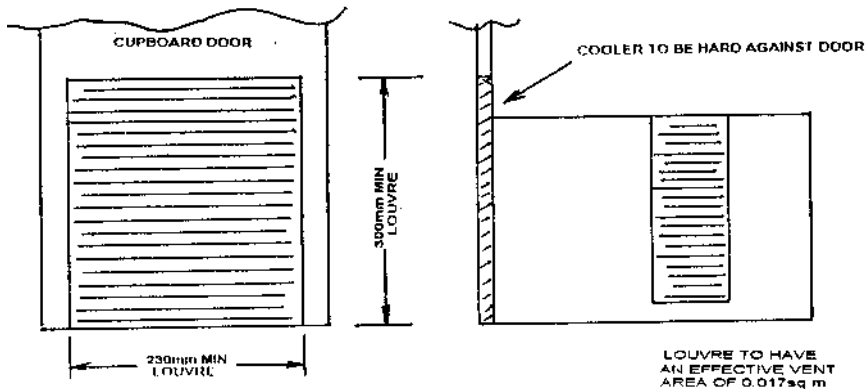
To attain the manufacturers specified performance, these installation instructions must be followed. Failure to do so will affect the performance and may void the warranty.

# INSTALLATION INSTRUCTIONS - MODEL: UB1

## 1) VENTILATION

Where the unit is being installed in a cupboard or enclosed space, it is essential that sufficient ventilation is provided to carry heat away from it.

The following vent layout pictured below is required:



**Please note orientation of unit per affixed label on lid.**

## 2) PLUMBING

The cold water line from the unit to the tap or jug filler should be run in 6.2mm (1/4") piping. This line must be insulated.

**Do not install unit in a cupboard along side a water heater.**

## 3) FREE STANDING

Where the unit is being installed in a free standing situation, allow 100mm of free space on all sides of the cooler, with a minimum 300mm above the unit.

## 4) VENT

After installation of pipework loosen vent screw, open mains water valve until water flows through vent. Shut water valve, tighten vent screw, reopen water valve, test water outlet valve, check for leaks, plug in mains power, switch on system.

## 5) OPTIONAL EXTRAS

Glass filler.....Pt No: Z-3019  
(including fittings and dress washer)  
1 metre insulation.....Pt No: Z-6052