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AQUA COOLER OWNERS MANUAL
M4, M5, M4F, M5F, M10, M10F, M11, M11F, WM2, WM3

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 inside the cooler for future reference.

IMPORTANT

All service to be performed by an authorised service person.

1. Ensure proper ventilation by maintaining 75mm clearance on each side of the cooler.
2. Water supply 15mm FBSP, Waste 40mm PVC Socket. Contractor to supply 40mm waste trap, fittings and a 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.
3. Minimum water pressure for cooler operation, 100kPa.
4. Connecting lines should be thoroughly flushed to remove all foreign matter before connection to the cooler.
5. Ensure electrical power supply is identical in voltage, cycle and phase to that specified on the the cooler data plate. NEVER wire compressor directly to the power supply.
6. To add a glass filler to a bubbler only unit - fit a glass filler conversion kit supplied by and especially designed for unit conversion by Aqua Cooler Pty Limited.

WARNING: - Warranty is voided if:

- The plumbing kit or glass filler is not specified for use by Aqua Cooler for this particular model.
- Installation is not made in accordance with current Aqua Cooler instructions.

INSTALLATION OF COOLER

1. Install a nominal 15mm OD Water line between the mains water isolating valve and the cooler as shown in either Figure 1a (for “M” Series) or 1b (for “WM”Series).
2. Install the 40mm waste trap from the drain connection on the cooler as shown in Figure 1a (for “M” Series) or 1b (for “WM” Series).

START UP

1. Turn on the building water supply and check all connections for leaks.
2. Depress the bubbler button until all air is bled from cooler water system. A steady flow assures all air has been removed.
3. Stream height of water is factory set at 300-350 kPa. If supply pressure varies greatly from this, adjust the stream height to approximately 40mm above the bubbler guard by turning the adjustment screw, accessible by removing the hex cover nut and bubbler button, see Figure 2.
4. Re-check all water and drain connections for leaks with water flowing through the system.
5. Plug cooler power cord into building electrical receptacle.

Trouble Shooting & Maintenance

1. Bubbler: If mineral deposits build up in the orifices, they can be removed by using a round file or small diameter wire. CAUTION: Care must be taken not to damage the orifices.
2. Stream Regulator: To adjust stream height see instruction No.3 under “Start Up” section.
3. Temperature control: Factory set for 10°C water under normal conditions (Do not alter).
4. Ventilation: Condenser fins should be periodically cleaned with a brush, air hose or vacuum cleaner.
5. 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.