

# MICROLENE water purifier COOLER

# MAINS PRESSURE WATER COOLERS

Commercial • Institutional • Industrial

## MODELS

*Wall Mounted*

MP-WM

MP-WMSS

*Free Standing*

MP-6

MP-6SS



**Model: MP-6**



**Model: MP-WM**

- Polished Stainless Steel top
- Steel Cabinet with durable epoxy finish
- Cabinet also available in Stainless Steel finish
- Automatic water flow control bubbler
- Squirt free bubbler and glass filler
- Chilled water reserve tank



**Model: MP-6SS**

# MICROLENE water purifier COOLER

# MAINS PRESSURE WATER COOLERS

## Models MP-6; MP-6SS - Specifications

**Refrigerant (Ozone friendly):**  
R134A - (i.e. not a CFC)

**Refrigerant Control:**  
Capillary tube system with no moving parts.

**Compressor:**  
Hermetically sealed unit for quiet, trouble free running.

**Temperature Control:**  
Thermostat is factory pre-set.

**Condensor:**  
Copper tube and expanded aluminium fin construction.

**Electrical:**  
240 volts; 50Hz.  
2.1 amp full load current.  
2 metre cable with plug is supplied.

**Capacity - chilling:**  
80 litres per hour - assuming 15°C inlet water temp.  
30 litres per hour - assuming 27°C inlet water temp.

**Dimensions:**  
Height - 965; Width - 310mm;  
Depth - 310mm.

**Water Flow Control:**  
1. The bubbler is rated to supply 1.7 Lpm - at any mains pressure between 140-700kpa.  
An automatic self-regulating control is fitted.  
2. A self closing glass filler is also supplied.  
**Note:** this can be removed on request.

**Installation:**  
Vertical (Weight - 28kg w/o water)  
100mm clearance at rear, 75mm at sides.

**c/w MICROLENE PC-2HK**  
30,000 Litre purifier module.  
Flow rate 5 Lpm (max).

**Water connections:**  
Inlet - 1/4" compression \*.  
Outlet drain - 40mm PVC pipe.

**c/w Gate Valve; Pressure Reducing Valve;**  
\* 1/4 compression connection fittings.

**Note:** with water pressure above 700kpa - a Pressure Reducing Valve must be used.

## Models MP-WM; MP-WMSS - Specifications

**Refrigerant (Ozone friendly):**  
R134A - (i.e. not a CFC)

**Refrigerant Control:**  
Capillary tube system with no moving parts.

**Compressor:**  
Hermetically sealed unit for quiet, trouble free running.

**Temperature Control:**  
Thermostat is factory pre-set.

**Condensor:**  
Copper tube and expanded aluminium fin construction.

**Electrical:**  
240 volts; 50Hz.  
1.06 amp full load current.  
2 metre cable with plug is supplied.

**Capacity - chilling:**  
20 litres per hour - assuming 15°C inlet water temp.  
8 litres per hour - assuming 27°C inlet water temp.

**Dimensions:**  
Height - 455; Width - 310mm;  
Depth - 310mm.

**Water Flow Control:**  
The bubbler is rated to supply 1.7 Lpm - at any mains pressure between 140-700kpa.  
An automatic self-regulating control is fitted.

**Note:** a self closing glass filler can be installed as an optional extra.

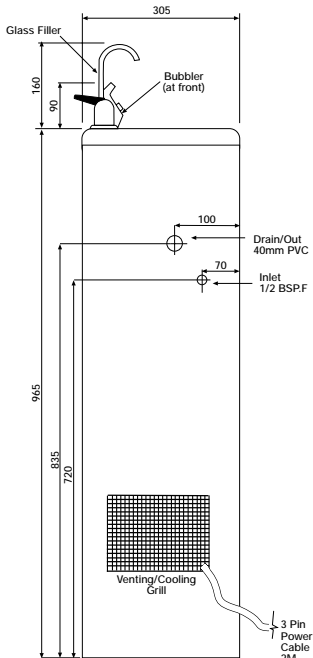
**Installation:**  
Vertical (Weight - 16kg w/o water)  
75mm clearance on both sides.

**c/w MICROLENE PC-2HK**  
30,000 Litre purifier module.  
Flow rate 5 Lpm (max).

**Water connections:**  
Inlet - 1/4" compression \*.  
Outlet drain - 40mm PVC pipe.

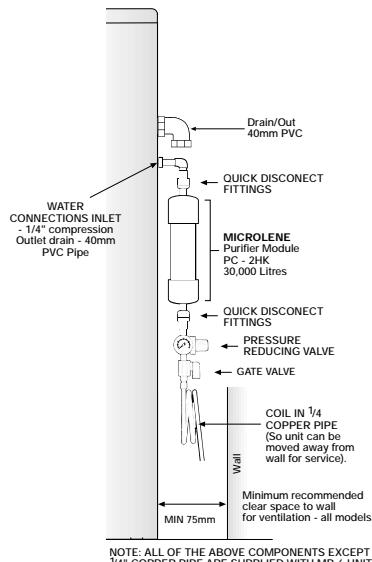
**c/w Gate Valve; Pressure Reducing Valve;**  
\* 1/4 compression connection fittings.

**Note:** with water pressure above 700kpa - a Pressure Reducing Valve must be used.

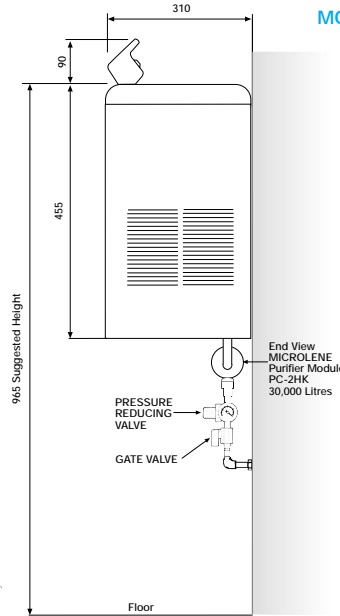


REAR VIEW (MP-6)

Note: Illustrations are not to scale

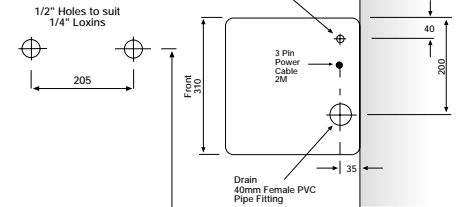


SIDE VIEW (MP-6)

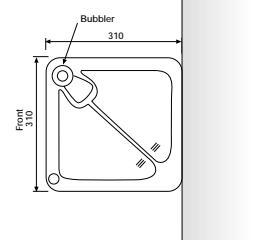


SIDE VIEW (MP-WM)

### MOUNTING (MP-WM)



### UNDER VIEW (MP-WM)



TOP VIEW (MP-WM)

## MICROLENE water purifier

**ONLY MICROLENE HAS BEEN TESTED/PASSED/REGISTERED/LISTED BY THE WORLD'S LEADING AUTHORITIES AND REGULATORY BODIES**

**BACTERIOSTATIC Purification Media**  
Granular Activated Carbon (GAC)  
Environmental Protection Agency of U.S.A. Reg No: 37589  
Acceptably hygienic - no need to backwash unless a blockage occurs. End of useful life typically indicated by chlorine taste or flow reduction.

**GIARDIA SAFE AND ASBESTOS SAFE**  
Deluxe models of MICROLENE Purifiers come with 1 Micron Filtration to ensure total protection against: CYSTS such as *Giardia* and *Cryptosporidium* - and for removal of dangerous ASBESTOS fibres which are very common in NZ town water supply pipes (made of Asbestos). 1 Micron Filtration tested by Massey University. Note: Budget models of MICROLENE Purifiers come with 10 Micron Filtration - Not *Giardia* safe.



**KDF Purification Media**  
Listed by National Sanitation Foundation Standard 61- drinking water component



**NORMALLY FOR USE ON MUNICIPALLY TREATED WATER TO REMOVE CHLORINE, CHEMICALS, TASTES and ODOURS, METALS (KDF units), Giardia cysts and ASBESTOS fibres (Deluxe 1 micron units.)**  
Note: Pre-filtration may be advisable on silty town supply water.



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PROTECTING YOUR HEALTH FOR 30 YEARS