

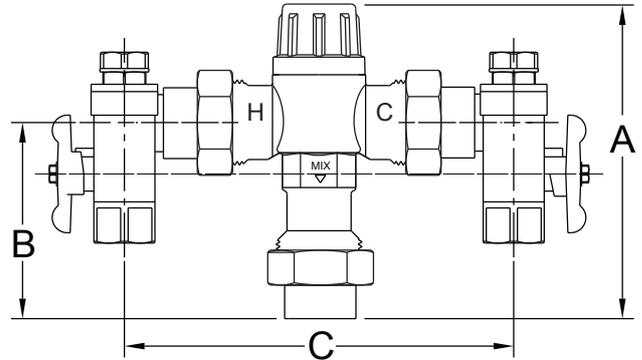
ZW1070

AQUAGARD THERMOSTATIC MIXING VALVE

Dimensional Data (mm) are Subject to Manufacturing Tolerances and Change Without Notice

APPLICATION - AQUAGARD ZW1070

- Ideal for use where Thermostatic Mixing Valves are required
- Suitable for installation at plumbing fixtures and appliances for the final control of water temperature
- Designed to be installed at the point of use to assist in the prevention of scalding
- Mixes hot and cold water from the distribution system to a final safer temperature of 35 - 46°C
- Rapid response rate
- Australian Standard AS4032.1 listed for fixtures, sinks, lavatories or bathtubs



PIPING INSTRUCTIONS

- The device is designed to be installed at a single outlet
- It may be used to supply individual outlets when there is sufficient supply pressure
- It is suggested to use ball valves on the Hot and Cold inlet supplies

PERFORMANCE

| | |
|-------------------------------|-----------|
| Outlet Temp. Range | 35-46°C |
| Temperature Hot Supply | 49-90°C |
| Temperature Cold Supply | 4-24°C |
| Set Temperature Accuracy | +/- 1.8°C |
| Max. Working Pressure (inlet) | 1000kPa |

Temperature must be field set

| | |
|---|-----------|
| Max. Working Pressure (Dynamic) | 10-500kPa |
| Max. Pres. Differential Hot/Cold Inlets | 103kPa |
| Flow rate @ 310kPa pressure loss | 0.63 l/s |
| Min. Flow Rate | 0.031 l/s |

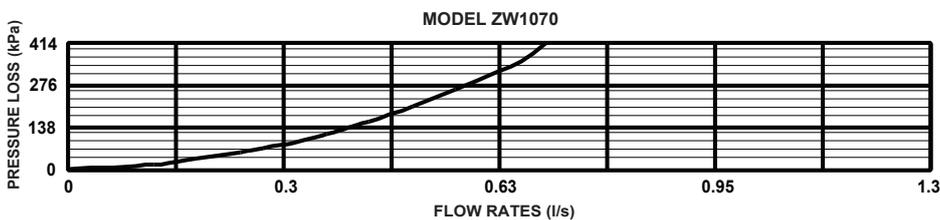
DIMENSIONS & WEIGHTS

| MODEL | INLET & OUTLET | DIMENSIONS (approx) | | | WEIGHT kg |
|-----------|----------------|---------------------|------|------|-----------|
| | | A mm | B mm | C mm | |
| ZW1070/15 | 15mm BSPP | 138 | 86 | 172 | 1.39 |
| ZW1070/20 | 20mm BSPP | 140 | 89 | 172 | 1.48 |

MATERIALS

| DESCRIPTION | MATERIAL |
|-----------------|--|
| Body | Bronze ASTM B 584 UNS C84400, nickel plated |
| Internal brass | Brass ASTM B-16 UNS C36000 |
| Piston | Polysufone |
| Guide Tube | Noryl GFN2 |
| Spring & Screen | 300 Series Stainless Steel |
| Seals | Viton |
| Checks | Noryl GFN2 |

FLOW CHARACTERISTICS



3-HOLE & 4-HOLE CABINETS

(available with/without valve installed)

| CODE | DESCRIPTION |
|-----------|---|
| TMV-3HCAB | TMV CABINET 300 X 300 STAINLESS STEEL 3 HOLES |
| TMV-4HCAB | TMV CABINET 370 X 370 STAINLESS STEEL 4 HOLES |

(Refer to individual cabinet specification sheets for product details)

