

Hot & Cold Water Hose Stations and Mixing Units

Assembly 3033—Standard

Model 320 3/4" (20 mm) inlets/outlet(s) Thermostatic Mixing Valve (TMV) of disposable cartridge construction. TMV features unique full range temperature control from full cold to field adjustable maximum temperature limit stop in a single handle turn. TMV can be set and locked to a single temperature and will hold outlet temperatures +/- 2°F (1°C) in the event of inlet pressure and/or temperature fluctuation/change.* Thermal shutdown capability protects operator in the event of an inlet supply failure. This model includes integral tandem valve comprising two (2) full port ball valves cross-linked by a stainless steel bridge piece and lever for simultaneous on/off control of BOTH inlet supplies. Outlet thermometer of stainless steel construction and shatter-proof Lexan® lens. Unit is mounted on a heavy-duty stainless steel single-piece hose rack that is suitable for wall or column installation. Supplied with 25' (7.6 m) white 300 psi (20 bar)/200°F (93°C) rated washdown hose with "live" swivel adaptors. Rubber cushioned 10 gpm (37.8 lpm) rated water saver spray nozzle** and nozzle hook supplied as standard.



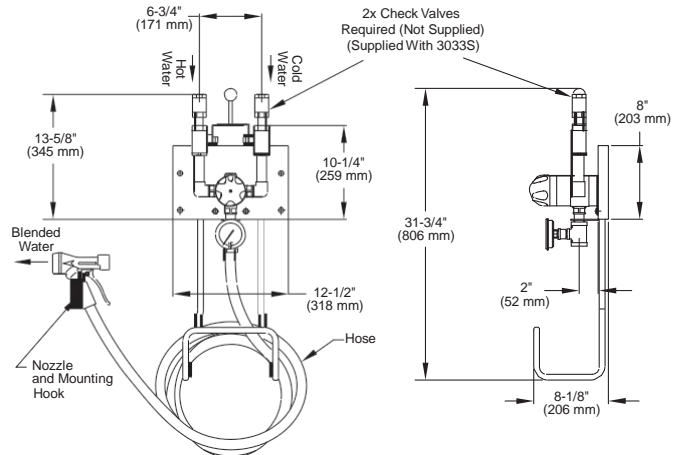
Unit is supplied fully assembled and pressure tested with strain relief and 3/4" (20 mm) coupling for hose attachment. Inlet check valves are required (not supplied).

* **IMPORTANT NOTE: Other thermostatic products used for this application cannot provide full cold to field adjustable maximum limit stop temperature range or access temperatures within 5°F (2°C) of either inlet supply temperature.**

** 038TG nozzle option also available. Refer to page HWS-75.

Assembly 3033S—Premium

As above with corrosion-resistant industrial nickel-plated components, integral spring-loaded inlet check valves, stainless steel rubber-cushioned 10 gpm rated water and "Safety Yellow" 400 psi (28 bar)/190°F (88°C) rated washdown hose with "anti-kink" external spring guard and "live" swivel adaptors.



Technical Specifications

- 3/4" (20 mm) NPT inlets and 3/4" (20 mm) NPT outlets
- DZR brass/stainless alloy/polymer construction
- Operating pressures
 - Maximum: 150 psi (10 bar)
 - Minimum: 10 psi (.7 bar)
- Maximum pressure loss ratio: 10 to 1†
- Shipping weight 62 lbs (28 kg)

† Ratio of inlet pressures accounting for restrictions on valve outlet (minus back pressure).

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For a fully detailed certified drawing, refer to CDLW #1022.

Assembly 3033S—Premium

For a fully detailed certified drawing, refer to CDLW #1018.

Flow Rates

The capacity chart indicates the flow rates to be expected at mid-blend (equal proportions of hot and cold water) and with an **unrestricted open outlet**. Lower flow rates should be anticipated depending upon the length of washdown hose and spray nozzle selected.

