



Hot & Cold Water Hose Stations and Mixing Units

Assembly 3033 - Standard

Model 320 3/4" (20 mm) inlets/outlets 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. Includes inlet unions and check valves. Outlet thermometer of stainless steel construction and shatterproof 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) "Safety Yellow" 500 psi (35 bar)/ 212°F (100°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 supplied fully assembled and pressure tested with strain relief and 3/4" (20 mm) coupling for hose attachment.

For a fully detailed approval drawing, refer to D24717.

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

Assembly 3033S - Premium

As above with stainless steel and corrosion-resistant industrial nickel components, stainless steel 6 gpm (23 lpm) Trigger Guard spray nozzle and "Safety Yellow" 500 psi (35 bar)/ 212°F (100°C) rated washdown hose with "anti-kink" external spring guard and "live" swivel adaptors.

For a fully detailed approval drawing, refer to D26919.

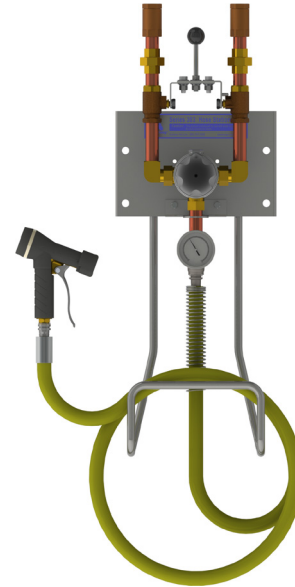
Technical Specifications

- 3/4" (20 mm) NPT inlets and 3/4" (20 mm) NPT outlet
- Model 320 : Chrome Plated Lead Free 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 Weights: 62 lbs (28 kg)

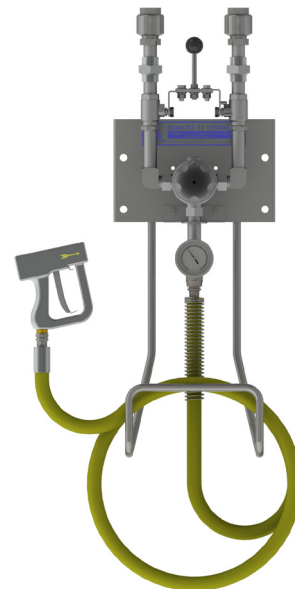
** Ratio of inlet pressures accounting for restrictions on valve outlet (minus back pressure).

Flow Rates

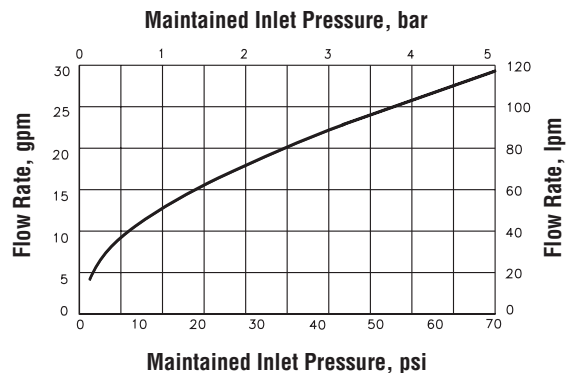
The capacity chart indicates the flow rates to be expected at mid-blend (equal proportions of hot and cold water) and with an **unrestricted open outlet**. Lower flow rates should be anticipated depending upon the length of washdown hose and spray nozzle selected.



3033 Standard



3033S Premium



Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit armstronginternational.com for up-to-date information.