



Armstrong® Hot & Cold Water Hose Stations and Mixing Units

Assembly 3031SSE – Stainless Steel

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 +/- 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) ball valves cross-linked by a stainless steel bridge piece and lever for simultaneous on/off control of BOTH inlet supplies. Complete assembly is mounted on a heavy-duty stainless steel backplate that is suitable for wall or column installation.

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 2 °C of either inlet supply temperautre.**

Material Specifications

As above with corrosion-resistant industrial nickel-plated componenets and integral spring-loaded check valves.

Assembly 3032SSE – Stainless Steel

Supplied as 3031SSE mounted on a heavy-duty stainless steel single-piece hose rack that is suitable for wall or column installation and integral spring loaded check valves.

Unite supplied fully assembled and pressure tested with strain relief and and 3/4" (20 mm) coupling for hose attachment. Inlet check valves are strongly recommended.

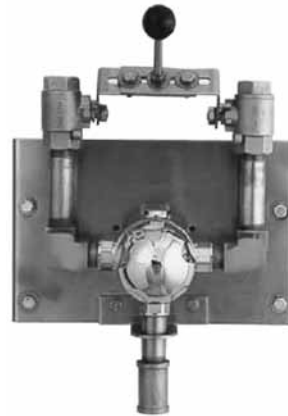
Technical Specifications

- 3/4" (20 mm) BSPT inlets and 3/4" (20 mm) NPT outlets
- DZR brass/stainless alloy/polymer construction
- Operating pressures:
 - Maximum: 10 bar
 - Minimum: 0,7 bar
- Maximum pressure loss ration: 10:1†
- Shipping weight: 13 kg

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

Flow Rates

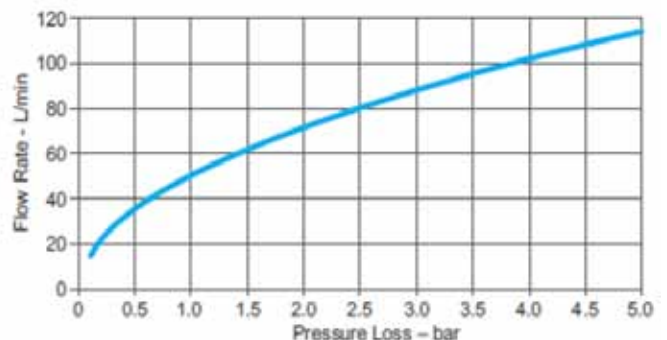
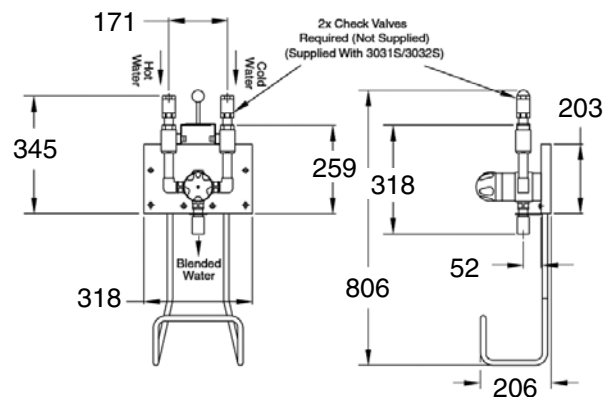
The capacity charts for 3031SSE/3032SSE indicate the flow rates to be expected at mid-blend (equal proportions of hot and cold water) and with an unrestricted open outlet. Lower flow rates should be anticipated depending upon the length of washdown hose and spray nozzle selected.



Assembly 3031SSE



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All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.