

MANIFOLDS... DUAL ASSEMBLY REQUIREMENTS

Dual Relief Valve Assembly Requirements for: 800, 800SS, 800QR, 801, 801SS, 801DHC, 803, 803QC, 812, 813, 804, 804R, 814, 805, 805R, 815, CS5602A, and CS5602B Relief Valves

The Safety Code for Mechanical Refrigeration ANSI/ASHRAE 1994 requires a refrigeration system that incorporates pressure vessels that are 10 cubic feet internal volume or over to have a pressure relieving device, and must have a relief device system consisting of two (2) pressure relief valves in parallel on a three-way manifold.

The Shank dual assembly meets the requirements of this code which requires that one (1) relief valve must remain in an operable mode at all times while the other is serviced.

All Shank dual assemblies are assembled using high strength fittings, nipples, elbows, and unions. These fittings are rated for 300 psi at 550°F (287°C) or 2000 psi at 60°F (15.5°C).

DUAL ASSEMBLY LESS UNIONS (DS): Includes two (2) relief valves, one (1) three-way manifold shut-off valve, two (2) 90° elbows, and four (4) nipples. (Assemblies using 800, 800SS, 801, 801SS, 800QR, or 803QC valves have only two (2) nipples.) Only one side of the three-way valve can be closed at any time.



DUAL ASSEMBLY WITH UNIONS (DU): Includes two (2) relief valves, one (1) three-way manifold shut-off valve, four (4) 90° elbows, four (4) unions, one "tee" and twelve (12) nipples. (Assemblies using 800, 800SS, 801, 801SS, 800QR, or 803QC valves have only ten (10) nipples.) Only one side of the three-way valve can be closed at any time. This assembly will allow either valve to be changed without disturbing the piping.



Specifications for Dual Relief Valve Assemblies on Reverse Side