

Design Features of Shank Manifolds



BODIES: 843, 843F, 844, 844F, 845, and 845F manifolds are ductile iron, primer painted. The 843B, 844B, and 845B manifold bodies are brass. The "M" series three-way manifolds are steel with black oxide coating.

TRIM: Stainless steel stems are in 843, 843F, 844, 844F, 845, and 845F manifolds. All manifolds have Teflon 'O' rings.

MAXIMUM PRESSURE: 843, 843F, 844, 844F, 845, and 845F manifolds are 400 psig. The "M" series manifolds are 500 psig.

TEMPERATURE RATING: 843, 843F, 844, 844F, 845, and 845F manifolds are -20° F (-29° C) to +300° F (+149° C). The "M" series manifolds are -20° F (-29° C) to +500° F (+260° C).

Application: Suitable for ammonia, refrigerants, and other industrial fluids that are not corrosive or deleterious to ductile iron, steel, or Teflon. The "F" and "M" series with seal caps are suitable for Freon.

Location: Manifolds used with atmospheric relief valves may be installed on systems with temperatures to -150° F (-101° C) provided location is in ambient temperatures that are normally above 32° F (0° C).

