

## Diaphragm Seals

# Type EW Series Economy Diaphragm Seals

### DESCRIPTION

The Mansfield & Green EW Series Diaphragm Seals are miniature seal elements designed for operations in new construction and MRS applications. These all-welded, 316 stainless steel seals are an excellent alternative to high-cost custom or specialty seals. They feature a diaphragm that is welded directly to the housing.

EW Series seals are ideal for any application where process media and pressure pulsation may adversely affect the life of the gauge component. Typical applications include spray paint equipment, agricultural equipment, water and waste equipment, and chlorine treatment equipment.

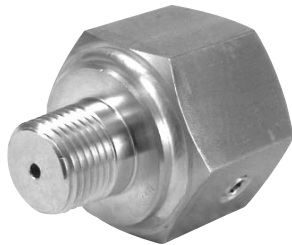
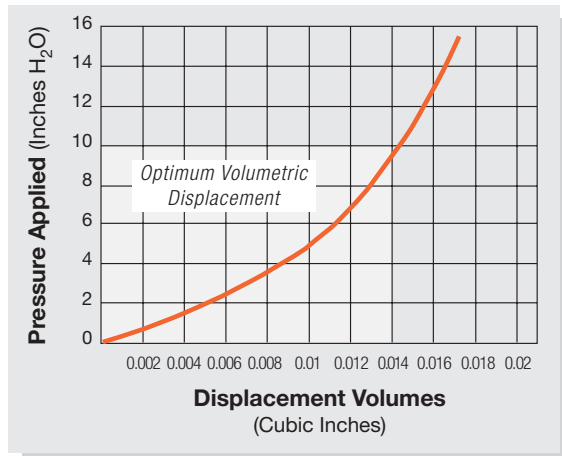
EW Series seals feature a unique construction that is free of bolts and gaskets. These seals protect against leakage and fugitive emissions as defined by the EPA Clean Air Act of 1990.

The EW Series' compact design allows for installation in applications where space is limited. These seals operate with most 100 mm and smaller gauges.



### FEATURES

- All welded 316 SST construction meets EPA 1990 Clean Air Act Standards
  - No gasketing
  - No bolting
- Materials available for corrosive applications
- Ideal for low pressure applications
  - Superior low pressure response with .002" thick diaphragm
  - Minimum volumetric displacement where process temperatures exceed 250°F (121°C)
- Seal ratings to 5000 psig (345 bar)
- Compatible with most 100 mm and smaller gauges



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