

PRESSURE BUILD

MAINTAIN DESIRED OUTLET PRESSURE FOR CHANGES IN DOWNSTREAM DEMAND



A Series (Brass, Bronze)

- **Body Size:** 1/8 to 3/8 in. / 3.5 to 9.5 mm
- **Outlet Pressure Range:** 2 to 600 psig / .13 to 41.4 barg
- **Maximum Inlet Pressure:** 600 psig / 41.4 bar
- **Maximum Capacity:** 110 SCFM
- **Temperature:** 180°F / 82°C



A-401 (Bronze)

- **Body Size:** 1/2 in. / 15 mm
- **Outlet Pressure Range:** 20 to 600 psig / 1.38 to 41.4 barg
- **Maximum Inlet Pressure:** 600 psig / 41.4 barg
- **Maximum Capacity:** $C_v = 1.25$
- **Temperature:** -320 to 150°F / -195 to 65°C



B Series (Bronze, Iron)

- **Body Size:** 1/4 to 2 in. / 8 to 50 mm
- **Outlet Pressure Range:** 2 to 250 psig / 0.13 to 17.2 barg
- **Maximum Inlet Pressure:** 400 psig / 28.12 barg
- **Maximum Capacity:** 5699 lbs/hr / 968 SCFM
- **Temperature:** -320 to 150°F / -195 to 65°C



G-60 (Iron, Bronze, Carbon Steel, Stainless Steel)

- **Body Size:** 1/4 to 1 1/2 in. / 8 to 38 mm
- **Outlet Pressure Range:** 1 psig / 0.07 barg
- **Maximum Inlet Pressure:** 600 psig / 41.4 barg
- **Maximum Capacity:** 3510 lbs/hr / 1030 SCFM
- **Temperature:** -320 to 750°F / -195 to 398°C



E-55 (Bronze)

- **Body Size:** 1/2 to 2 in. / 15 to 50 mm
- **Outlet Pressure Range:** 10 to 300 psig / 0.7 to 20.7 barg
- **Maximum Inlet Pressure:** 400 psig / 27.6 barg
- **Maximum Capacity:** 140 GPM / 1830 SCFM
- **Temperature:** 180°F / 82°C



LS (Bronze)

- **Body Size:** 1/2, 3/4 in. / 15, 19 mm
- **Outlet Pressure Range:** 40 to 500 psig / 2.8 to 34.5 barg
- **Maximum Inlet Pressure:** 2400 psig / 165.5 barg
- **Maximum Capacity:** 1054 SCFM
- **Temperature:** 180°F / 82°C