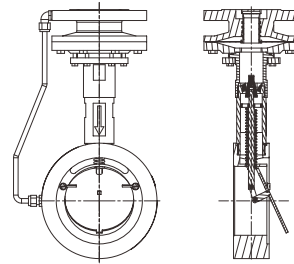


Variable orifice wide range proportioner

Variable orifice wide range proportioner provides accurate flow control of a foam liquid concentrate stream over a wide range of flow rates and pressures. It eliminates the need for multiple ILBP.



- Certificate: UL Listed / FM Approved
- Standard: NFPA 11, UL 162, EN 13565, GB 20031
- Connection: Wafer, between flange as ANSI Class 150, EN 1092 PN16
- Temperature: 1.7°C to 49°C
- W. pressure: 30 ~ 175 psi, or 250 psi
- Surface: Rough brass, bronze, etc.



Main parts and material

| | | | |
|-----------------|-----------------|------------------|--------------------------|
| Body and neck | Brass or bronze | Metering orifice | Brass or SS |
| Rod and clapper | Stainless steel | Spring | Stainless steel AISI-302 |

Available size (Source 1 with FM)

| Size | Foam concentrate inlet | Material | Flow at SFFF 3% (gpm) | | Flow at AR-SFFF 3x3% (gpm) | | Working pressure (psi) | Ref. No. |
|----------|------------------------|----------|-----------------------|-----------|----------------------------|-----------|------------------------|------------|
| | | | UL | FM | UL | FM | | |
| 6" Wafer | 2-1/2" GRV | Brass | / | 50 ~ 1420 | / | / | 30 ~ 175 | B0801 (FM) |
| 6" Wafer | 2-1/2" GRV | Brass | / | / | / | 50 ~ 1895 | 30 ~ 175 | B0802 (FM) |
| 8" Wafer | 2-1/2" GRV | Brass | / | 50 ~ 3010 | / | / | 30 ~ 175 | B0803 (FM) |
| 8" Wafer | 2-1/2" GRV | Brass | / | / | / | 50 ~ 3003 | 30 ~ 175 | B0804 (FM) |

Variable orifice wide range proportioner

Available size (Source 2 with UL/FM)

| Size | Foam concentrate inlet | Material | Flow at AFFF 3% (gpm) | | Flow at AR-AFFF 3x3% (gpm) | | Working pressure (psi) | Ref. No. |
|----------|------------------------|----------|-----------------------|-----------|----------------------------|-----------|------------------------|---------------|
| | | | UL | FM | UL | FM | | |
| 6" Wafer | 2" FLG | Bronze | 55 ~ 3009 | 56 ~ 3023 | / | / | 250 | B0821 (UL/FM) |
| 6" Wafer | 2" FLG | Bronze | / | / | 51 ~ 3015 | 55 ~ 3230 | 250 | B0822 (UL/FM) |
| 8" Wafer | 2" FLG | Bronze | 56 ~ 4630 | / | / | / | 250 | B0823 (UL) |
| 8" Wafer | 2" FLG | Bronze | / | / | 62 ~ 4968 | / | 250 | B0824 (UL) |