

### Product Features

- Pressure: Max. 413bar
- Filter material: 316L
- Filter Rating: 5µm standard, more option see below table.

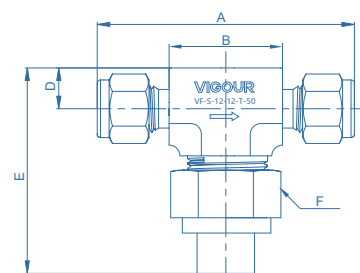
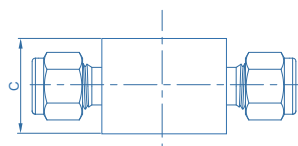
### Flow Rate

| Element<br>Nominal<br>Pore Size<br>µm | Inlet Pressure ① psig (bar)                                                 |           |           |
|---------------------------------------|-----------------------------------------------------------------------------|-----------|-----------|
|                                       | 5 (0.34)                                                                    | 10 (0.68) | 15 (1.0)  |
|                                       | Air Flow std, std ft <sup>3</sup> /min (std L/min) for 1/8" end connections |           |           |
| 2                                     | 0.20 (5.6)                                                                  | 0.40 (11) | 0.60 (17) |
| 5                                     | 0.40 (11)                                                                   | 0.60 (17) | 0.9 (25)  |
| 50                                    | 1.4 (40)                                                                    | 1.8 (51)  | 2 (57)    |
| 80                                    | 1.6 (45)                                                                    | 2.0 (57)  | 2.3 (65)  |

① Outlet is discharged to atmosphere



Tee Type



### Dimensions (mm)

| End Connections |         | Ordering Number | Dimensions, in.(mm) |             |             |             |             |             |            |
|-----------------|---------|-----------------|---------------------|-------------|-------------|-------------|-------------|-------------|------------|
| Inlet/Outlet    | Size    |                 | bore diameter       | A           | B           | C           | D           | E           | F          |
| Tube fitting    | 1/8 in. | VF-S-02-02-T    | 0.094 (2.39)        | 2.27 (57.7) | 1.07 (27.2) | 1.00 (25.4) | 0.38 (9.7)  | 1.87 (47.5) | 1 (25.4)   |
|                 | 1/4 in. | VF-S-04-04-T    | 0.174 (4.41)        | 2.47 (62.7) | 1.06 (26.9) |             |             |             |            |
|                 | 3/8 in. | VF-S-06-06-T    | 0.213 (5.41)        | 2.84 (72.1) | 1.32 (33.5) |             |             |             |            |
|                 | 1/2 in. | VF-S-08-08-T    | 0.250 (6.35)        | 3.04 (77.2) | 1.31 (33.3) | 1.13 (28.7) | 0.46 (11.7) | 2.20 (55.9) | 1-1/8 (28) |
|                 | 6mm     | VF-S-6M-6M-T    | 0.172 (4.36)        | 2.46 (62.5) | 1.06 (26.9) |             |             |             |            |
|                 | 8mm     | VF-S-8M-8M-T    | 0.213 (5.41)        | 2.84 (72.1) | 1.38 (35.1) |             |             |             |            |
|                 | 10mm    | VF-S-10M-10M-T  | 0.250 (6.35)        | 2.86 (72.6) | 1.32 (33.5) |             |             |             |            |
|                 | 12mm    | VF-S-12M-12M-T  |                     | 3.04 (77.2) | 1.31 (33.3) |             |             |             |            |
| Male NPT        | 1/8 in. | VF-S-F2-F2-T    | 0.174 (4.41)        | 2.00 (50.8) | 1.00 (25.4) | 1.00 (25.4) | 0.38 (9.7)  | 1.87 (47.5) | 1 (25.4)   |
|                 | 1/4 in. | VF-S-F4-F4-T    |                     | 2.13 (54.1) |             |             |             |             |            |
| Female NPT      | 1/4 in. | VF-S-M4-M4-T    | 0.174 (4.41)        | 2.13 (54.1) | 1.00 (25.4) | 1.00 (25.4) | 0.38 (9.7)  | 1.87 (47.5) | 1 (25.4)   |
|                 | 3/8 in. | VF-S-M6-M6-T    | 0.250 (6.35)        | 2.38 (60.5) | 1.25 (31.8) | 1.13 (28.7) | 0.46 (11.7) | 2.20 (55.9) | 1-1/8 (28) |
|                 | 1/2 in. | VF-S-M8-M8-T    |                     | 2.75 (69.9) |             |             |             |             |            |

### Ordering Information

**VF - S - 04 - 04 - T - 2**

#### Material

S: 316L

C: Chrome Plated Brass

#### Inlets / Outlets

Tube fitting: see above tables

NPT threads: see above tables

#### Nominal Pore Size

2: 2 µm

5: 5 µm

50: 50 µm

80: 80 µm

#### Type

T: Tee type

