

8800 Series In-Line Filters

FILTER ASSEMBLY PART NUMBER

INLET OUTLET
S 88 - 4D 4D - 10 N N

HOUSING MATERIAL

| Code | Material | Pressure (PSI) Operating/Proof/Burst |
|------|----------|---|
| S | 303 SS | 6,000/9,000/24,000 |
| G | 316 SS | 6,000/9,000/24,000 |

OPTIONAL O-RING TYPE

| Code | Description | Temperature (°F) |
|------|----------------|------------------|
| N | Nitrile (Buna) | -40 to 250 |
| V | Viton | -20 to 400 |

- Optional o-ring is only needed for male o-ring (D) end fittings. Omit this character if the optional o-ring is not required.

FITTING SIZE AND TYPE

| Code | Port Size | Port Description | Tube /Pipe | Hex Size | Operating Pressure |
|------|-----------|--------------------|------------|----------|--------------------|
| 1M | 1/8" | Male NPT | Pipe | 1" | 6,000 |
| 1P | 1/8" | Female NPT | Pipe | 1" | 6,000 |
| 2M | 1/4" | Male NPT | Pipe | 1" | 6,000 |
| 2P | 1/4" | Female NPT | Pipe | 1" | 6,000 |
| 2B | 1/8" | Female O-Ring | Tube | 1" | 6,000 |
| 2D | 1/8" | Male O-Ring | Tube | 1" | 6,000 |
| 2C | 1/8" | Compression | Tube | 1" | 3,000 |
| 2T | 1/8" | 37°Flare:J-Fitting | Tube | 1" | 6,000 |
| 3M | 3/8" | Male NPT | Pipe | 1.75" | 6,000 |
| 3P | 3/8" | Female NPT | Pipe | 1.75" | 6,000 |
| 3B | 3/16" | Female O-Ring | Tube | 1" | 6,000 |
| 3D | 3/16" | Male O-Ring | Tube | 1" | 6,000 |
| 3C | 3/16" | Compression | Tube | 1" | 3,000 |
| 3T | 3/16" | 37°Flare:J-Fitting | Tube | 1" | 6,000 |
| 4M | 1/2" | Male NPT | Pipe | 1.75" | 6,000 |
| 4P | 1/2" | Female NPT | Pipe | 1.75" | 6,000 |
| 4B | 1/4" | Female O-Ring | Tube | 1" | 6,000 |
| 4D | 1/4" | Male O-Ring | Tube | 1" | 6,000 |
| 4C | 1/4" | Compression | Tube | 1" | 3,000 |
| 4T | 1/4" | 37°Flare:J-Fitting | Tube | 1" | 6,000 |
| 6B | 3/8" | Female O-Ring | Tube | 1" | 6,000 |
| 6D | 3/8" | Male O-Ring | Tube | 1" | 6,000 |
| 6C | 3/8" | Compression | Tube | 1" | 3,000 |
| 6T | 3/8" | 37°Flare:J-Fitting | Tube | 1" | 6,000 |
| 8B | 1/2" | Female O-Ring | Pipe | 1.75" | 6,000 |
| 8D | 1/2" | Male O-Ring | Pipe | 1.75" | 6,000 |
| 8C | 1/2" | Compression | Pipe | 1.75" | 3,000 |
| 8T | 1/2" | 37°Flare:J-Fitting | Pipe | 1.75" | 6,000 |

REQUIRED INTERNAL O-RING TYPE

| Code | Description | Temperature (°F) |
|------|----------------|------------------|
| N | Nitrile (Buna) | -40 to 250 |
| V | Viton | -20 to 400 |
| E | EPR | -60 to 300 |
| T | Teflon | -320 to 450 |

- Teflon products will incur additional product cost
 - Teflon Max operating pressure = 10k psi

MICRON RATING

| | Code | Nominal | Absolute |
|-------------------|------|---------|----------|
| Sintered 316SS | 1PM | .05 | .2 |
| | 2PM | .2 | .7 |
| | 3PM | .3 | 2 |
| | 4PM | .8 | 5 |
| Wire Mesh | 10W | 2 | 10 |
| | 18W | 5 | 18 |
| | 25W | 10 | 25 |
| | 40W | 20 | 40 |
| | 75W | 40 | 75 |
| | 100W | 75 | 100 |
| | 150W | 100 | 150 |
| 300W | 200 | 300 | |

STANDARD CONFIGURATIONS

| Inlet/Outlet Description | Inlet Fitting | Outlet Fitting |
|---|---------------|----------------|
| Male NPT/Male NPT | M | M |
| Female O-Ring/Female O-Ring | B | B |
| 37° Flare:J-Fitting/37° Flare:J-Fitting | T | T |
| Male NPT/Female NPT | M | P |
| Female O-Ring/37° Flare:J-Fitting | B | T |
| Female NPT/Male O-Ring | P | D |
| 37° Flare:J-Fitting/Male NPT | T | M |
| Female NPT/Female NPT | P | P |
| Male O-Ring/Male O-Ring | D | D |
| Compression/Compression | C | C |
| Male NPT/Female O-Ring | M | B |
| Female O-Ring/Male O-Ring | B | D |
| 37° Flare:J-Fitting/Female NPT | T | P |
| 37° Flare:J-Fitting/Male O-Ring | T | D |

- Custom configurations available upon request

REPLACEMENT ELEMENT PART NUMBER

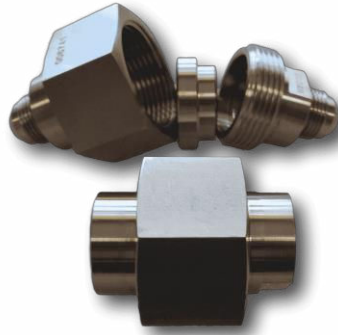
G 88E 25W

MICRON RATING
HOUSING MATERIAL

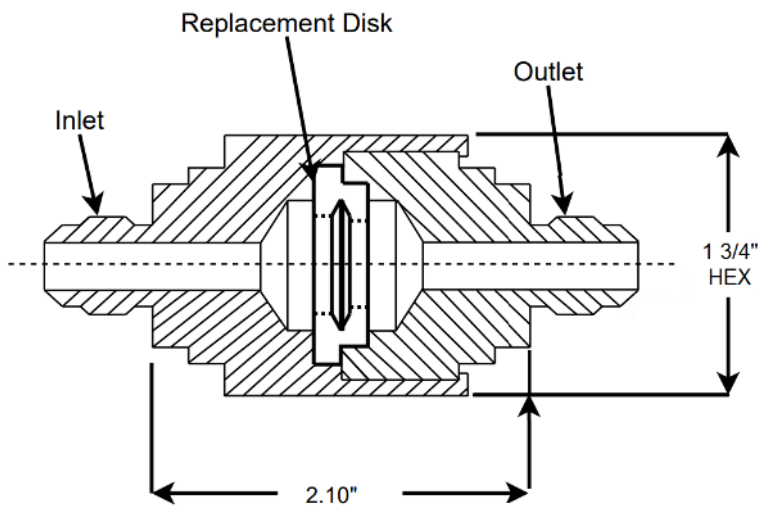
ADDITIONAL SPECIFICATIONS

- Flow rate = 5GPM / 120SCFM
- Assemblies that do not use the same Hex size must be custom quoted
- Female O-Ring machined to AS5202 (MS33649), 37° Flare to AS5202 (AS4395)

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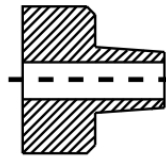
DIMENSIONS



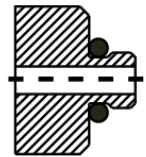
End Fittings



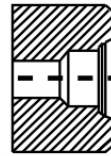
Female NPT
P



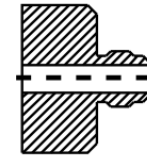
Male NPT
M



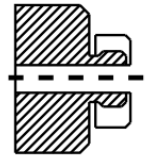
Male O-Ring
D



Female O-Ring
B



37° Flare
T



Compression
C

Notes:

- The Female O-Ring (B) is machined to standard AS5202 (MS33649).
- 37° Flare / J-Fitting (T) id machined to AS4395 (MS33656)