

PURGE TREE

Features and Benefits

- Ensures steady, accurate flow of purge gas
- Compact and durable
- 10 outlets (standard)
- Built with high quality Swagelok components

Materials of Construction

- Swagelok ELD8 Isolation Valve
- Swagelok KPR Series Regulator
- Swagelok PGU Series Pressure Gauge
- Swagelok MG Series Metering Valves
- Swagelok VCR® and MicroFit® Fittings
- Purifier and aluminum panel options available

Technical Information

- Maximum inlet pressure 300 psig
- Maximum temperature 300°F
- Regulator control range 0-250 psig
 - Other control range options available
- For inert gas use only

Testing, Cleaning, and Packaging

- Inboard Helium Leak Tested to 1×10^{-9} std cm³/s
- Assembled and packaged in Class 100 Cleanroom
- Particle count certificate available upon request

Additional Purge Solutions

- Weld Argon Panel
- UHP Purge Sticks
- Purge Jumpers
- Weld Purge Panel
- Purge Fitting Kits

For product technical data, including materials of construction, see the following catalogs:

[Swagelok LD Series Diaphragm Valves MS-01-172](#)

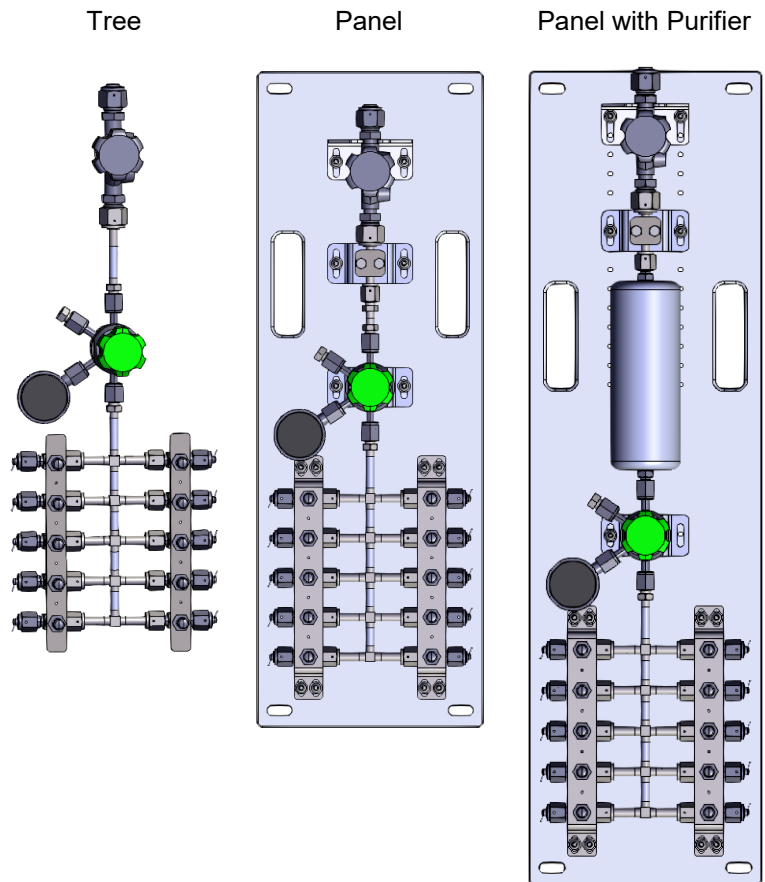
[Swagelok K Series Regulators MS-02-230](#)

[Swagelok PGU and PGC Series Pressure Gauges MS-02-163](#)

[Swagelok S, M, L, and 31 Series Metering Valves MS-01-142](#)

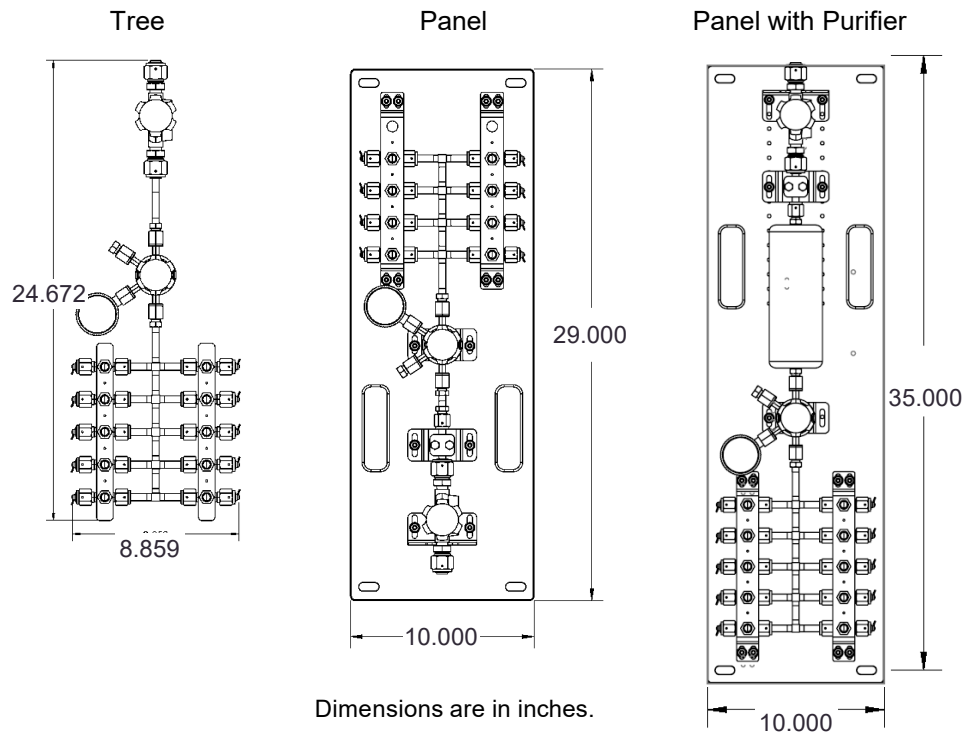
[Swagelok VCR® Metal Gasket Face Seal Fittings MS-01-24](#)

[Swagelok Weld Fittings MS-01-149](#)



Swagelok®

Dimensions



Ordering Information

Build UHP Purge Tree ordering number by combining the designators in the sequence shown below.

PT 1 2 3 4 5 6 7
PT - G - 8 4 J 10 S -

1 PRESSURE CONTROL RANGE

E = 0-50 psig

F = 0-100 psig

G = 0-250 psig

2 INLET SIZE

8 = 1/2" MVCR

3 OUTLET SIZE

4 = 1/4" MVCR

4 REGULATOR MAX INLET PRESSURE

J = 500 psig

(More options available)

5 # OUTLETS

6 = Six

8 = Eight

10 = Ten (standard)

6 METERING VALVE HANDLE

M = Micrometer

S = Standard

7 OPTIONS

P = Panel

PP = Panel and Purifier

Safe Product Selection

When selecting a product, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.

Caution: Do not mix or interchange parts with those of other manufacturers.

Warranty Information

Swagelok products are backed by The Swagelok Limited Lifetime Warranty. For a copy, visit swagelok.com.



Swagelok Southwest

Phoenix (602) 268-4848

Albuquerque (505) 842-0213

ssw@swagelok.com