

Deep Purge



The AURA Deep Purge incorporates a unique snorkel tube design which forces the purge gas all the way back through the inlet connection to the cylinder valve cavity assuring virtual zero dead space purging. The Deep Purge may be used to purge the entire regulator body or just the cylinder connection at the time of cylinder change. The Deep Purge performs a positive displacement purge of the system.

Materials of Construction

Body	316L Stainless Steel
Seat	PCTFE
Purge Valve Diaphragm	Elgiloy®
Center Valve Diaphragm	Elgiloy®
Seals	Metal to metal

Functional Specifications

Design Pressure	<ul style="list-style-type: none">Working pressure: 3000 psig PCTFEBurst pressure: > 4x Working pressure	Temperature	<ul style="list-style-type: none">PCTFE -40°F to 150°F (-40°C to 66°C)
Maximum Inlet Pressure	<ul style="list-style-type: none">3000 PSIG (210 BAR)	Cv	<ul style="list-style-type: none">0.17
Leak Rate	<ul style="list-style-type: none">1x10⁻⁹ He ccs	Weight	<ul style="list-style-type: none">3.0 lbs. (1.35 kg)

Ordering Information

Order No.	EXPV0007-01-CGA-000
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