

High-Pressure Purifier

Model 43

These purifiers are designed to remove oil, water and other contaminants from gas streams and are constructed for a maximum operating pressure rating of 3000 psig (207 bar). A replaceable purifier cartridge, consisting of a molecular sieve desiccant or activated charcoal is easily installed into the purifier body and offers a low resistance to gas flow.

Model Number	Description
Q3-43H	Purifier Housing (without cartridge)
Q3-43E	Molecular Sieve 13x Cartridge*
Q3-43E4	Package of four 43E Cartridges
Q3-43PC	Activated Charcoal Cartridge*
Q3-43PC4	Package of four 43PC Cartridges
Q3-43HVOR	Replacement O-Ring

* Shipped in sealed container.

Specifications

Operating Pressure: 3000 psig (207 bar) maximum; 500 psig (35 bar) for oxygen service

Operating Temperature:
-40°F to 165°F (-40°C to 73°C)

Connections: 1/4" NPT Female

Dimensions: 2" diameter x 5-3/4" long
(51 mm x 146 mm)

Materials of Construction

Purifier Body: Brass

Purifier Head: Brass

O-Ring: Viton®

Cartridge:

43E: Molecular sieve 13X removes oil and water
43PC: Activated charcoal purifier for removal of trace amounts of acetone in acetylene for atomic absorption applications