

HIGH PRESSURE COMPRESSED GAS FILTER

Features:

- Carbon Steel Housing With Nickel Coating For Rust Protection
- 5800 PSIG Maximum Pressure At 400°F
- Reinforced Microfiber And Stainless Steel Elements Available
- Large Capacity Reservoir For Holding Coalesced Liquid
- SAE Porting Available
- Ideal For Natural Gas / CNG



Our model UHPC5V (1"NPT) are specially designed for high pressure compressed gas coalescing filtration. The units are machined of carbon steel with a complete nickel coating for rust protection. The assemblies provide high efficiency filtration with a double walled coalescing filter element which removes large quantities of liquid, and being 90%+ void volume, gives very long service life. A 3.25" reservoir area allows collection of large volumes of liquid before draining. Pleated stainless steel elements are available for particulate filtration.

We offer a variety of elements to meet your specific requirements. Our "C" grade element's small diameter eliminates the need for a collapse core thus increasing true filtration area and providing longer element life.

Applications:

- High Pressure CNG Service
- Alternative Fueling Stations
- Cryogenic Service

PRINCIPLE SPECIFICATIONS

Housing Model	UHPC5V
Port Size (NPT)	1"
Drain (NPT)	1/4"
Maximum Pressure (psig)	5800
Maximum Temperature (°F)	400
Internal Volume	700
Principle Dimensions: (inch)	
Center Of Port To Head	1.18
Head Diameter	4.75
Overall Length	12.00
Element Removal Clearance	9.32
Reservoir Depth	3.25
Standard Element Code (1)	38-152-□
Reinforced Element Code	76-304-RC
Materials Of Construction: (2)	
Head& Bowl	Carbon Steel With Nickel Coating
Internals	316L SS / Carbon Steel
Seals	Viton
Accessories:	
Buna-N Seal Set	BNUHPC5V
EPDM Seal Set	GEUHPC5V
Kalrez Seal Set	KZUHPC5V
Viton Seal Set	GVUHPC5V
Mounting Bracket	MB150

Notes: (1) Replace "□" with grade required, e.g. 38-152-70C
 (2) Material abbreviations-316L=316L Stainless Steel



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Partner of Headline Filters

CS300-1