



City Gate / Dry Gas Filter Assembly (Protect Valves)

Features

- Rugged, 100% Machined Anodized Aluminum Construction
- 3600 Maximum PSIG Rating
- 1/4" NPT / 1/4" NPT Drain
- Remove 95%+ of Oil, Water, & Solids from Compressed Natural Gas
- Comes Complete with Polyethylene NG Element

Applications

- Protect Sensitive Analyzers
- Clean Pilot Supply
- Meter Skid Filter
- City Gate Natural Gas Distribution
- Dry Gas Service

Our model 325ALHP is ideal for high pressure compressed gas filtration. Although compact, the 325ALHP provides excellent high efficiency filtration in high pressure systems with low pressure drops. The 325ALHP comes complete with a 1 micron sintered polyethylene filter element, model 325ALHP-01NGV. The flow direction is from inside to out so that liquids will be captured, coalesced, and then drained off the element's exterior wall into a large sump.

The polyethylene element should be used where particulate contamination is a concern, and/or large slugs of liquid are present. **The PEL-12-57-01NGV (01 micron polyethylene) is a robust general purpose filter element.** If greater filtration efficiency is required, and the main concern is liquid aerosol contamination, then we recommend using the 12-57-70CS coalescing element which is rated at 0.01 microns against 95% efficiency. While the grade 70CS provides greater efficiency, it actually has a lower pressure drop based upon its microfiber borosilicate construction.

We recommend the PEL-12-57-01NGV for typical applications where this filter assembly protects against scale / particles and slugs of liquids.



Housing Model	325ALHP-1/4"
Port Size	1/4" NPT
Drain Type	1/4" NPT
Maximum Pressure (psig)	3600
Internal Volume (cc)	45
Weight of Housing (lbs)	2.0
Principle Dimensions: (inches)	
Center Of Port To Head	0.51
Port-To-Port	2.12
Head Diameter	2.28
Overall Length	4.76
Element Removal Clearance	3.50
Maximum Temp. (240°F) Standard Viton O-Ring	BN315ALHP
Filter Element Codes: Coalescing Element (Standard-Included) *Other Elements Available-View Drawing	PEL12-57-01NGV
Drawing **For More Detail & Options**	<u>325ALHP-1/4"</u>



The 325ALHP-1/4"-01NGV is a perfect solution for city gate / dry gas service. The compact design and robust 100% machined aluminum assembly checks all of the boxes for high pressure CNG service at a great price point.

Please consult UFS for other port options.

Replacement Element Kit: NGV-325ALHP

Each Kit Includes: PEL-12-57-01NGV Element, Buna-N O-Ring, and Super Lube Individual Pack (1cc)



- 15 SCFM
- High Efficiency
- Material of Construction:
 - Polyethylene
 - Buna-N

