



# City Gate / Dry Gas Assembly

## PRODUCT FEATURES / BENEFITS

- ◆ 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
- ◆ Clean Pilot Supply
- ◆ City Gate Natural Gas Distribution
- ◆ **Protect Meter / Valve on City Gate**

The 325ALHP is engineered for high-pressure compressed gas filtration applications that demand compact size, high efficiency, and low pressure drop. Despite its small footprint, the 325ALHP provides reliable removal of particulates and liquids, making it ideal for metering skids and city gate installations.

Each assembly is supplied with a 1-micron sintered polyethylene filter element (Model 325ALHP-01NGV). The inside-to-out flow path ensures liquids are captured, coalesced, and drained along the exterior of the element into the large integrated sump.

For applications requiring enhanced efficiency and superior liquid aerosol removal, the 12-57-70CS coalescing element is recommended. Constructed from microfiber borosilicate media, it delivers 0.01-micron efficiency at 95% while maintaining exceptionally low pressure drop characteristics.

**For higher flows and larger line sizes see our complete CNG Filters Catalog.**

| 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)<br>Standard Viton O-Ring                                                                   | BN315ALHP                                  |
| Filter Element Codes:<br>Coalescing Element (Standard-Included)<br><b>*Other Elements Available-View Drawing</b> | PEL12-57-01NGV                             |
| <b>Drawing</b><br>**For More Detail & Options**                                                                  | <b><u><a href="#">325ALHP-1/4"</a></u></b> |



### Replacement Element Kit: NGV-325ALHP

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

NGV.16.A