



# 3/4" - 1" Compressed Air / Gas Assemblies

## PRODUCT FEATURES / BENEFITS

- ◆ Rugged, 100% Machined Anodized Aluminum Construction
- ◆ Remove 99.99% of Oil, Water, & Solids From Compressed Air & Other Gases
- ◆ High Efficiency Microfiber Elements
- ◆ Capture Dirt, Coalesce Liquids
- ◆ Coalescing and Pleated Glass Particulate Filter Elements Available
- ◆ Compressed Natural Gas Filtration
- ◆ High Pressure Gas Filters (1,500 PSIG)
- ◆ Booster Compressor Protection
- ◆ Coalescing and Particulate Filtration

Our 380AHP Series delivers high-efficiency filtration in a robust, service-friendly package. Each housing is 100% machined, fully anodized, and designed for easy maintenance with a large hex base, one-piece bowl, and captured O-ring. The standard model is rated to 1500 PSIG, making it ideal for CNG, fuel gas, and compression service.

We recommend the 70CS grade element, which provides over 95% removal efficiency at 0.01 microns. Its microfiber structure promotes rapid drainage, ensuring low pressure drops in coalescing applications and extending element life.

The standard 380AHP meets the needs of most systems; however, for applications requiring higher flow capacity, the 380AHP-241 model with a longer element is also available.



Housing Model	380AHP	383AHP	380AHPF	383AHPF
Port Size (NPT)	3/4"	1"	3/4"	1"
Drain Type - 1/4" FNPT	Petcock	Petcock	Automatic	Automatic
Maximum Pressure (psig)	1,500	1,500	250	250
Internal Volume (cc)	760	760	720	720
Weight of Housing (lbs)	8	8	8	8
Principle Dimensions: (inches) (1)				
Center of Port To Head	1.34	1.34	1.34	1.34
Head Diameter	4.33	4.33	4.33	4.33
Overall Length	12.09	12.09	12.09	12.09
Element Removal Clearance	6.19	6.19	6.19	6.19
Maximum Temp. (250°F) Standard Buna-N O-Ring	BN380	BN380	BN380	BN380
Filter Element Codes: Coalescing Element (Standard - Included) <b>*Other Elements Available- View Drawing</b>	TRE38-152-70CS	TRE38-152-70CS	TRE38-152-70CS	TRE38-152-70CS
<b>Drawing</b> **For More Detail & Options**	<b><u>380AHP</u></b>	<b><u>383AHP</u></b>	<b><u>380AHPF</u></b>	<b><u>383AHPF</u></b>
<b>Housing Model w/Indicator</b> Maximum Pressure with Indicator - 300 PSIG	<b><u>380AHPVDI</u></b>	<b><u>383AHPVDI</u></b>	<b><u>380AHPFVDI</u></b>	<b><u>383AHPFVDI</u></b>

Notes: (1) For housing with indicator add 2.25" to the overall length

# High Pressure Gas Filters for High Flows

## PRODUCT FEATURES / BENEFITS

- ◆ Rugged, 100% Machined Anodized Aluminum Construction
- ◆ Remove 99.99% of Oil, Water, & Solids From Compressed Air & Other Gases
- ◆ High Efficiency Microfiber Elements
- ◆ Capture Dirt, Coalesce Liquids
- ◆ Low Cost, Long Life
- ◆ Compressed Natural Gas Filtration
- ◆ High Pressure Gas Filters (1,500 PSIG)
- ◆ Booster Compressor Protection
- ◆ Mainline Coalescing Filter

Our 241 Series rugged aluminum housings utilize a 9½" long element, giving the 380AHP-241 a higher flow capacity compared to the standard 380AHP, which features the industry-standard 6" element. In many applications, the extended 241 mm (9.5") element provides the additional surface area needed to maintain high-efficiency filtration with minimal pressure drop.

With a 1500 PSIG rating, the 380AHP-241 is ideal for CNG, fuel gas, and compression service. We recommend the 70CS grade element, which delivers over 95% removal efficiency at 0.01 microns. Just as important, its microfiber construction enables rapid drainage, ensuring low pressure drops in coalescing service and extending element life.



Housing Model	380AHP-241	383AHP-241	380AHPF-241	383AHPF-241
Port Size (NPT)	3/4"	1"	3/4"	1"
Drain Type - 1/4" FNPT	Petcock	Petcock	Automatic	Automatic
Maximum Pressure (psig)	1,500	1,500	250	250
Internal Volume (cc)	1270	1270	1210	1210
Weight of Housing (lbs)	8	8	8	8
Principle Dimensions: (inches) (1)				
Center of Port To Head	1.34	1.34	1.34	1.34
Head Diameter	4.33	4.33	4.33	4.33
Overall Length	15.67	15.67	15.67	15.67
Element Removal Clearance	9.73	9.73	9.73	9.73
Maximum Temp. (250°F) Standard Buna-N O-Ring	BN380	BN380	BN380	BN380
Filter Element Codes: Coalescing Element (Standard - Included) <b>*Other Elements Available- View Drawing</b>	38-241-70CS	38-241-70CS	38-241-70CS	38-241-70CS
<b>Drawing</b> **For More Detail & Options**	<b><u><a href="#">380AHP-241</a></u></b>	<b><u><a href="#">383AHP-241</a></u></b>	<b><u><a href="#">380AHPF-241</a></u></b>	<b><u><a href="#">383AHPF-241</a></u></b>
<b>Housing Model w/Indicator</b> Maximum Pressure w/ Indicator 300 PSIG	<b><u><a href="#">380AHPVDI-241</a></u></b>	<b><u><a href="#">383AHPVDI-241</a></u></b>	<b><u><a href="#">380AHPFVDI-241</a></u></b>	<b><u><a href="#">383AHPFVDI-241</a></u></b>

Notes: (1) For housing with indicator add 2.25" to the overall length

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