



# Aluminum Constructed Natural Gas Filters

## PRODUCT FEATURES / BENEFITS

- ◆ Rugged, 100% Machined Anodized Aluminum Construction
- ◆ Remove 99.99% of Oil, Water, & Solids from Compressed Air & Other Gases
- ◆ Up To 1500 PSIG Maximum Rating
- ◆ Up To 2" Connections
- ◆ Prevent Freeze Outs
- ◆ Fuel Gas Filters
- ◆ Protect Metering Valves
- ◆ Natural Gas Compression Filters

Protect your natural gas systems—and the sensitive instruments within them—from water, glycol, oil, and particulate contamination with our high-efficiency, 100% machined aluminum filter assemblies. The rugged housing construction, combined with a high-efficiency microfiber coalescing element, provides a proven and reliable solution for the demanding conditions of the natural gas industry.

Our vacuum-formed filter elements remove liquids and particulates down to 0.01 microns while maintaining a low initial pressure drop, ensuring optimal system performance and extended service life. The miniature 315A Coalescing Series is ideal for point-of-use protection and "last-chance" filtration, while the 360A and 370A Coalescing Series offer increased liquid-holding capacity, making them well suited for remote or continuous service applications. Both series feature a captured O-ring seal and threaded element retainer, ensuring positive sealing and enabling fast, simple maintenance.



Housing Model	310A	315A	360A	365A	370A	375A
Port Size (NPT)	1/8"	1/4"	1/4"	1/2"	1/4"	1/2"
Drain Type (NPT)	Petcock	Petcock	Petcock	Petcock	Petcock	Petcock
Maximum Pressure (psig)	500	500	500	500	500	500
Internal Volume (cc)	45	45	163	163	310	310
Weight of Housing (lbs)	0.5	0.5	1.5	1.5	1.5	1.5
Principle Dimensions: (inches)						
Center Of Port To Head	0.39	0.39	0.61	0.61	0.61	0.61
Head Diameter	1.57	1.57	2.72	2.72	2.72	2.72
Overall Length	4.65	4.65	6.26	6.26	10.32	10.32
Element Removal Clearance	1.50	1.50	3.07	3.07	7.21	7.21
Maximum Temp. (240°F) Standard Viton O-Ring	BN315	BN315	BN360	BN360	BN360	BN360
Filter Element Codes: Coalescing Element (Standard - Included) <b>*Other Elements Available- View Drawing</b>	12-32-70C	12-32-70C	25-64-70C	25-64-70C	25-178-70C	25-178-70C
<b>Drawing</b> **For More Detail & Options**	<b><u><a href="#">310A</a></u></b>	<b><u><a href="#">315A</a></u></b>	<b><u><a href="#">360A</a></u></b>	<b><u><a href="#">365A</a></u></b>	<b><u><a href="#">370A</a></u></b>	<b><u><a href="#">375A</a></u></b>

## 3/4" to 2" Connection Sizes

Protect your natural gas system from harmful liquid and dirt contaminants with our large volume 3/4 to 2" NPT filter assemblies. The robust, 100 machined aluminum construction, along with a high efficiency microfiber element is a proven solution for the demands of the natural gas industry. We are able to remove liquid and particulate down to 0.01 microns, while exhibiting a low initial pressure drop with our vacuum formed filter elements.

The 383AHP/380AHP natural gas coalescing filter series is ideal as a fuel gas filter or initial stage compression filter with its **1500 PSIG** rating and robust 100% machined design. The captured bowl/head O-ring design and threaded element retainer make service quick and easy. A large hex base bowl and threaded element makes field service quick and easy.

The 390AHP series of natural gas coalescers are designed for high flow, high capacity service at pressures up to 1000 PSIG. This aluminum construction affords us the ability to offer a high pressure, high volume filter that only weighs 14 pounds.

**Pleated elements and dual pleated/coalescing elements are readily available heavily contaminated systems.**



Housing Model	380AHP	383AHP	385AHP	390AHP
Port Size (NPT)	3/4"	1"	1 1/2" or 2"	2"
Drain Type (NPT)	Petcock	Petcock	Petcock	Petcock
Maximum Pressure (psig)	1,500	1,500	1,000	1,000
Internal Volume (cc)	760	760	1500	2950
Weight of Housing (lbs)	8	8	11	14
Principle Dimensions: (inches)				
Center Of Port To Head	1.34	1.34	1.58	1.58
Head Diameter	4.33	4.33	5.51	5.51
Overall Length	12.09	12.09	15.67	25.39
Element Removal Clearance	6.19	6.19	9.30	18.98
Maximum Temp. (250°F) Standard Viton O-Ring	BN380	BN380	BN385	BN385
Filter Element Codes: Coalescing Element (Standard - Included) <b>*Other Elements Available- View Drawing</b>	TRE38-152-70CS	TRE38-152-70CS	51-230-70CS	51-476-70CS
<b>Drawing</b> **For More Detail & Options**	<b><u>380AHP</u></b>	<b><u>383AHP</u></b>	<b><u>385AHP</u></b>	<b><u>390AHP</u></b>



**CUSTOM  
PRODUCT  
SOLUTIONS**

### Do you have a custom natural gas filter requirement?

We have the ability and desire to provide a perfect filter solution for your specific application. There are many housing and filter options available to build your optimal filter. Please feel free to contact us at 1-800-311-5561 to discuss your request.

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