



Compressed Air & Gas Filters

Features

- Many Sizes to Choose From
- Compressed Natural Gas (CNG)
- High Flow Process Air & Gas
- Instrument Air



High efficiency coalescing and particulate filters provide versatile solutions.

Miniature Point-Of-Use Filters

Features

- Compact Footprint
- Economical, 100% Machined Anodized Aluminum Construction
- Remove 99.99% of Oil, Water & Solids from Compressed Air & Other Gases
- Transparent Polycarbonate Bowl Option

Applications

- Great Point-of-Use Protection - Compact Design
- Ideal for Portable Air Systems
- High Flow Point-of-Use Filter
- Instrumentation Filter

Protect your instrumentation and sensitive equipment from water, oil, & dirt with our high efficiency point of use miniature filters that remove these contaminants up to 99.99% efficiency at 0.01 micron. These filters are an ideal solution as final instrumentation / valve protection given their high performance, compact design, and low cost.



Housing Model	300	305	300A	305A	310	315	310A	315A
Port Size (NPT)	1/8"	1/4"	1/8"	1/4"	1/8"	1/4"	1/8"	1/4"
Drain Type (NPT)	No Drain	No Drain	No Drain	No Drain	Twist	Twist	Petcock	Petcock
Maximum Pressure (psig)	150	150	500	500	150	150	500	500
Internal Volume (cc)	40	40	50	50	40	40	50	50
Weight of Housing (lbs)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Principle Dimensions: (inches)								
Center Of Port To Head	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
Head Diameter	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
Overall Length	3.75	3.75	4.06	4.06	4.25	4.25	4.65	4.65
Element Removal Clearance	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Maximum Temp. (120°F / 240°F*)	BN315	BN315	BN315	BN315	BN315	BN315	BN315	BN315
Standard Buna-N O-Ring								
Filter Element Codes:								
Coalescing Element (Standard - Included)	12-32-70C	12-32-70C	12-32-70C	12-32-70C	12-32-70C	12-32-70C	12-32-70C	12-32-70C
*Other Elements Available- View Drawing								
Drawing	300	305	300A	305A	310	315	310A	315A
For More Detail & Options								

Notes: (*) Maximum Temperature is 120°F for Polycarbonate and 240°F for Aluminum Bowls
 (●) Primary Filter For Optimal Use

Miniature Point-Of-Use Filters – Long Bowl Option

Features

- Economical, 100% Machined Anodized Aluminum Construction
- Remove 99.99% of Oil, Water & Solids from Compressed Air & Other Gases
- High Flow Point-of-Use Filter
- Extra Liquid Reservoir

Applications

- Point-of-Use Filter
- Remote Air System - Long Life
- High Volume Air System
- Purge Valve Protection

For Point-Of-Use applications which require slightly more flow, our "L" versions of the miniature units accept a 12-57 element (2.25" long versus 1.25" long). This extra capacity is beneficial for heavily contaminated systems, since efficiency and drainage speed is maintained within a compact foot print. Our "L" long bowl coalescing filters provide high efficiency protection in a compact housing by utilizing a longer filter element.



Housing Model	300L	305L	300AL	305AL	310L	315L	310AL	315AL
Port Size (NPT)	1/8"	1/4"	1/8"	1/4"	1/8"	1/4"	1/8"	1/4"
Drain Type (NPT)	No Drain	No Drain	No Drain	No Drain	Twist	Twist	Petcock	Petcock
Maximum Pressure (psig)	150	150	500	500	150	150	500	500
Internal Volume (cc)	53	53	45	45	45	45	45	45
Weight of Housing (lbs)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Principle Dimensions: (inches)								
Center Of Port To Head	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
Head Diameter	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
Overall Length	4.41	4.41	4.06	4.06	4.88	4.88	4.65	4.65
Element Removal Clearance	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01
Maximum Temp. (120°F / 240°F*) Standard Buna-N O-Ring	BN315	BN315	BN315	BN315	BN315	BN315	BN315	BN315
Filter Element Codes: Coalescing Element (Standard-Included) *Other Elements Available- View Drawing	12-57-70C	12-57-70C	12-57-70C	12-57-70C	12-57-70C	12-57-70C	12-57-70C	12-57-70C
Drawing **For More Detail & Options**	<u>300L</u>	<u>305L</u>	<u>300AL</u>	<u>305AL</u>	<u>310L</u>	<u>315L</u>	<u>310AL</u>	<u>315AL</u>

Notes: (*) Maximum Temperature is 120°F for Polycarbonate and 240°F for Aluminum Bowls
 (●) Primary Filter For Optimal Use

NGV High Pressure Filter Assembly

Features

- Rugged, 100% Machined Anodized Aluminum Construction
- 3600 Maximum PSIG Rating
- Available 9/16 SAE or 1/4" NPT
- Remove 95%+ of Oil, Water, & Solids From Compressed Natural Gas
- Comes Complete with Polyethylene NGV Element

Applications

- NGV (Natural Gas Vehicle)
- Gas Cylinder Filter
- After Market NGV Conversion Kits

Natural Gas Vehicle (NGV) Systems require high efficiency filtration to protect on board fuel systems from particles and condensed liquid. Our unique polyethylene coalescing element provides the utmost protection in a compact and robust design. The 01NGV elements are 100 percent polyethylene providing high efficiency rating of <1 micron for liquids and particles. Just as importantly, the polyethylene construction allows liquids to drain quickly, thus allowing a highly efficient coalescing process to continue with a low pressure drop.

The robust housing is easy to service with a hex base, providing multiple angle wrench points. A Buna-N O-ring is captured in the bowl, keeping it clear debris, and just as importantly securely fitted for positive re-sealing after filter element maintenance. Finally, the housing is anodized for corrosion protection, and the housing details are engraved for permanent identification. Private labeling is also available.



Housing Model	325ALHP-SAE6	325ALHP-1/4"
Port Size	9/16 SAE	1/4" NPT
Drain Type	9/16 SAE	1/4" NPT
Maximum Pressure (psig)	3600	3600
Internal Volume (cc)	45	45
Weight of Housing (lbs)	2.0	2.0
Principle Dimensions: (inches)		
Center Of Port To Head	0.51	0.51
Port-To-Port	2.28	2.12
Head Diameter	2.28	2.28
Overall Length	4.76	4.76
Element Removal Clearance	2.37	2.37
Maximum Temp. (240°F) Standard Buna-N O-Ring	BN325ALHP	BN325ALHP
Filter Element Codes: Coalescing Element (Standard-Included) *Other Elements Available- View Drawing	PEL12-57-01NGV	PEL12-57-01NGV
Drawing **For More Detail & Options**	<u>325ALHP-SAE</u>	<u>325ALHP-1/4"</u>

Instrument Air / Gas Filter

Features

- 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

Applications

- Natural Gas Filtration
- Protect Air Actuated Valves
- Paint Spray Booths
- Fuel Gas Filter Metering
- Instrument Air Filter

Protect your equipment and sensitive instruments from water, oil, & dirt with our high efficiency instrument filters that remove these contaminants up to 99.99% efficiency at 0.01 micron. The 360 series of coalescing filters have increased liquid holding capacity and are available with optional high volume automatic float drains (with function above 12 psi), and differential pressure indicators which are sensitive in the 2 to 16 psi differential. The all aluminum assemblies rated at 500 PSIG are ideal as CNG Fuel Gas filters.



Housing Model	360	365	360F	365F	360A	365A	360AF	365AF
Port Size (NPT)	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"
Drain Type (NPT)	Twist	Twist	Automatic	Automatic	Petcock	Petcock	Automatic	Automatic
Maximum Pressure (psig)	150	150	150	150	500	500	250	250
Internal Volume (cc)	148	148	135	135	163	163	150	150
Weight of Housing (lbs)	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5
Principle Dimensions: (inches) (1)								
Center of Port to Head	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
Head Diameter	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72
Overall Length	6.38	6.38	6.85	6.85	6.26	6.26	6.89	6.89
Element Removal Clearance	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07
Maximum Temp. (120°F / 240°F*) Standard Buna-N O-Ring	BN360	BN360	BN360	BN360	BN360	BN360	BN360	BN360
Filter Element Codes: Coalescing Element (Standard - Included) *Other Elements Available- View Drawing	25-64-70C	25-64-70C	25-64-70C	25-64-70C	25-64-70C	25-64-70C	25-64-70C	25-64-70C
Drawing **For More Detail & Options**	360	365	360F	365F	360A	365A	360AF	365AF
No Drain Option **See Drawing For More Detail**	350	355	N/A	N/A	350A	355A	N/A	N/A
Housing Model w/Indicator Max. Pressure with Indicator - 250 PSIG	360I	365I	360FI	365FI	360AI	365AI	360AFI	365AFI

Notes: (1) Dimensions are based on housing and does not include measurement for indicator
 (*) Maximum Temperature is 120°F for Polycarbonate and 240°F for Aluminum Bowls

NGV Low Pressure Housing

Features

- Rugged, 100% Machined Anodized Aluminum Construction
- Remove 95%+ of Oil, Water, & Solids from Compressed Natural Gas
- High Efficiency Microfiber Elements
- Capture Dirt, Coalesce Liquids

Applications

- Low Pressure NGV Service Filter
- Installed After the Regulator
- Optimal Last Change Filter

Our 360A-SAE6-70CS low pressure coalescing assembly is ideal for operating environments up to 500 psig. The all glass microfiber high efficiency filter element removes aerosol contamination as small as 0.01 micron at 95+% efficiency. This filter media helps protect fuel injectors and engine components on alternative vehicle fuel systems.

A microfiber element captures dirt particles while collecting and draining condensed water and oil which then drops into the reservoir below the suspended coalescing element. Evacuating (draining) the liquid from the filter housing is essential for proper operation.



Housing Model	360A-SAE6	365A-SAE
Port Size	9/16 SAE (SAE6)	3/4 SAE (SAE8)
Drain Type (SAE)	9/16 SAE (SAE6)	3/4 SAE (SAE8)
Maximum Pressure (psig)	500	500
Internal Volume (cc)	163	163
Weight of Housing (lbs)	1.5	1.5
Principle Dimensions: (inches)		
Center Of Port To Head	0.61	0.61
Head Diameter	2.74	2.74
Overall Length	6.18	6.18
Element Removal Clearance	2.74	2.74
Maximum Temp. (240°F) Standard Buna-N O-Ring	BN360A-SAE	BN360A-SAE
Filter Element Codes: Coalescing Element (Standard-Included) *Other Elements Available- View Drawing	25-64-70CS	25-64-70CS
Drawing **For More Detail & Options**	<u>360A-SAE6</u>	<u>365A-SAE8</u>

High Capacity Point-of-Use Filters

Features

- 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

Applications

- Air Dryer Protection
- Food Processing Systems
- CNG Filtration
- Instrument Air

The 370 series of coalescing filters have increased liquid holding capacity and are available with optional high-volume automatic float drains (with function above 12 psi), and differential pressure indicators which are sensitive in the 2 to 16 psi differential. The all aluminum assemblies rated at 500 PSIG are ideal as CNG Fuel Gas filters.



Housing Model	370	375	370F	375F	370A	375A	370AF	375AF
Port Size (NPT)	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"
Drain Type (NPT)	Twist	Twist	Automatic	Automatic	Petcock	Petcock	Automatic	Automatic
Maximum Pressure (psig)	150	150	150	150	500	500	250	250
Internal Volume (cc)	290	290	300	300	310	310	300	300
Weight of Housing (lbs)	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5
Principle Dimensions: (inches) (1)								
Center Of Port To Head	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
Head Diameter	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72
Overall Length	10.32	10.32	10.32	10.32	10.32	10.32	10.32	10.32
Element Removal Clearance	7.21	7.21	5.20	5.20	7.21	7.21	5.20	5.20
Maximum Temp. (120°F / 240°F) (2) Standard Buna-N O-Ring	BN360	BN360	BN360	BN360	BN360	BN360	BN360	BN360
Filter Element Codes: Coalescing Element (Standard-Included) *Other Elements Available- View Drawing	25-178-70C	25-178-70C	25-127-70C	25-127-70C	25-178-70C	25-178-70C	25-127-70C	25-127-70C
Drawing **For More Detail & Options**	<u>370</u>	<u>375</u>	<u>370F</u>	<u>375F</u>	<u>370A</u>	<u>375A</u>	<u>370AF</u>	<u>375AF</u>
Model w/Differential Indicator Maximum Pressure with Indicator-250 PSIG	<u>370I</u>	<u>375I</u>	<u>370FI</u>	<u>375FI</u>	<u>370AI</u>	<u>375AI</u>	<u>370AFI</u>	<u>375AFI</u>
Model w/Visual Differential Indicator* Maximum Pressure with Indicator-500 PSIG	N/A	N/A	N/A	N/A	N/A	<u>375AVDI-4050</u>	N/A	<u>375AFVDI-4050</u>

Notes: (1) Dimensions are based on housing and does not include measurement for indicator
 (2) Maximum Temperature is 120°F for Polycarbonate and 240°F for Aluminum Bowls
 (*) Also Available in 3/4" Ports; i.e. 370AVDI-4050-3/4"-70C

High Pressure Gas Filters

Features

- 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

Applications

- Compressed Natural Gas Filtration
- High Pressure Gas Filters (1,500 PSIG)
- Booster Compressor Protection
- Mainline Coalescing Filter
- Particulate Filtration

Our 380AHP series offers high efficiency filtration in a robust package. All 100% machined, completely anodized, and designed to be easily serviced with a large hex base, one piece bowl, and captured O-Ring. The basic model's 1500 PSIG rating makes it ideal for CNG, Fuel Gas, and Compression Service. We recommend the "70CS" grade element which provides 95%+ removal at 0.01 microns. As importantly, the element's microfiber structure allows quick drainage which assures low pressure drops in coalescing service, therefore extending element life.

The standard 380AHP covers the vast majority of applications; however, where more flow is required the 380AHP-241 with a longer element is 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) *Other Elements Available- View Drawing	TRE38-152-70CS	TRE38-152-70CS	TRE38-152-70CS	TRE38-152-70CS
Drawing **For More Detail & Options**	<u>380AHP</u>	<u>383AHP</u>	<u>380AHPF</u>	<u>383AHPF</u>
Housing Model w/Indicator Maximum Pressure with Indicator - 500 PSIG	<u>380AHPVDI</u>	<u>383AHPVDI</u>	<u>380AHPFVDI</u>	<u>383AHPFVDI</u>

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

High Pressure Gas Filters for High Flows

Features

- 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

Applications

- Compressed Natural Gas Filtration
- High Pressure Gas Filters (1,500 PSIG)
- Booster Compressor Protection
- Mainline Coalescing Filter

Our 241 series of rugged aluminum housings utilize a 9 1/2" long element giving the 380AHP-241 housing series a slightly higher flow rate versus the standard 380AHP which has the industry standard 6" long element. In many cases, extended 241mm (9.5") long element provides the needed surface area to maintain high efficiency filtration with minimal PSID. The basic model's 1500 PSIG rating makes it ideal for CNG, Fuel Gas, and Compression Service. We recommend the "70CS" grade element which provides 95%+ removal at 0.01 microns. As importantly, the element's microfiber structure allows quick drainage which assures low pressure drops in coalescing service, therefore 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) *Other Elements Available- View Drawing	38-241-70CS	38-241-70CS	38-241-70CS	38-241-70CS
Drawing **For More Detail & Options**	<u>380AHP-241</u>	<u>383AHP-241</u>	<u>380AHPF-241</u>	<u>383AHPF-241</u>
Housing Model w/Indicator Maximum Pressure w/ Indicator - 500 PSIG	<u>380AHPVDI-241</u>	<u>383AHPVDI-241</u>	<u>380AHPFVDI-241</u>	<u>383AHPFVDI-241</u>

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

High Capacity Coalescing and/or Particulate Filters

Features

- Rugged, 100% Machined Anodized Aluminum Construction
- Remove 99.99% of Oil, Water & Solids From Compressed Air & Other Gases
- Capture Dirt, Coalesce Liquids
- Easy Filter Service with One Piece Bowl
- Pleated Elements Available

Applications

- Mainline Compressed Air Filtration
- CNG Filtration
- Pre-Filter / Solid Removal in Gas Lines
- Dry Seal Protection

Protect sensitive equipment, dry seal compressors and high volume air & gas applications with our large coalescing filter assemblies. These filters, like their smaller counter parts utilize our microfiber elements to remove upwards of 99.99% of contaminants at 0.01 micron. The 385AHP/390AHP series of coalescing filters have increased liquid holding capacity and are available with optional high volume automatic float drains (with function above 12 psi), and differential pressure indicators which are sensitive in the 2 to 16 psi differential.



Housing Model	385AHP	385AHPF	390AHP	390AHPF
Port Size (NPT)	1 1/2" or 2"	1 1/2" or 2"	2"	2"
Drain Type (NPT)	Petcock	Automatic	Petcock	Automatic
Maximum Pressure (psig)	1,000	250	1,000	250
Internal Volume (cc)	1500	1440	2950	2890
Weight of Housing (lbs)	11	11	14	14
Principle Dimensions: (inches) (1)				
Center Of Port To Head	1.58	1.58	1.58	1.58
Head Diameter	5.51	5.51	5.51	5.51
Overall Length	15.67	15.67	25.39	25.39
Element Removal Clearance	9.30	9.30	18.98	18.98
Maximum Temp. (250°F) Standard Buna-N O-Ring	BN385AHP	BN385AHP	BN385AHP	BN385AHP
Filter Element Codes: Coalescing Element (Standard - Included) *Other Elements Available- View Drawing	51-230-70CS	51-230-70CS	51-476-70CS	51-476-70CS
Drawing **For More Detail & Options**	<u>385AHP</u>	<u>385AHPF</u>	<u>390AHP</u>	<u>390AHPF</u>
Housing Model w/Indicator Maximum Pressure with Indicator – 500 PSIG	<u>385AHPVDI</u>	<u>385AHPFVDI</u>	<u>390AHPVDI</u>	<u>390AHPFVDI</u>

Notes: (1) Dimensions are based on housing and does not include measurement for indicator

