



Compressed Air & Gas Filters

PRODUCT FEATURES / BENEFITS

- ◆ High Filtration Efficiency (Down To 0.01 Micron) for Critical Gas / Air Lines
- ◆ Durable Aluminum Construction – Suitable for Demanding Environments
- ◆ Flexibility in Size, Porting, Bowl Material, Drain Types
- ◆ Remove 99.99% of Oil, Water, & Solids From Compressed Air & Other Gases
- ◆ Transparent Polycarbonate Bowl Option
- ◆ Protect Instrument Air Valves
- ◆ 1/8" to 2" Line Sizes Available

The **300 Series** provides rugged, high-quality filtration solutions for compressed air and gas in demanding instrument air, fuel gas, and CNG applications. Across the range, filters use advanced microfiber coalescing elements to remove water, oil, and dirt with efficiencies up to 99.99% at 0.01 micron, protecting sensitive equipment and ensuring reliable system performance.



- **Miniature point-of-use filters** deliver high-efficiency filtration in a compact, cost-effective design, offering reliable last-chance protection for instruments and control valves.
- **360 and 370 Series** coalescing filters provide higher flow rates and greater liquid holding capacity than our miniature series. They support optional built-in automatic float drains and differential pressure indicators, making them ideal for instrumentation protection. With a 500 PSIG pressure rating and a fully machined, anodized aluminum body, these filters are also suited for CNG service.
- **380AHP Series** provides high-efficiency filtration for instrument air applications and is rated for pressures up to 1500 PSIG. Its robust, service-friendly design makes it suitable for gas compression, fuel gas, and general CNG service. Generous flow rates, multiple configuration options, and the high-pressure rating make the 380AHP Series extremely versatile.
- **385AHP / 390AHP Series** large coalescing filters are designed for high-volume air and gas systems, offering increased liquid-holding capacity. These units are available with reinforced pleated elements, making them ideal for high contaminated process lines. Optional float drains, differential pressure indicators, and bulk water knock-out stacks increase their functionality.
- **Coalescing filter regulators** combine high efficiency filtration and pressure regulation in a compact, space-saving design.
- **B360 Series Brass Filter Housings** are optimized for instrument air, oxygen service, and applications requiring brass as compatible material for the application. They incorporate high-flow filter elements designed for heavily saturated systems, with bronze filter elements available for O₂ service.

Overall, the 300 Series delivers scalable, high-efficiency filtration solutions with durable construction, flexible options, and performance tailored to both point-of-use and high-volume industrial applications.

Keep in mind that we have the flexibility to provide custom elements and housings for unique applications.

Miniature Point-Of-Use Filters

PRODUCT FEATURES / BENEFITS

- ◆ Compact Footprint
- ◆ 1/8" and 1/4" NPT Ports
- ◆ Economical, 100% Machined Anodized Aluminum Construction
- ◆ Remove 99.99% of Oil, Water, & Solids From Compressed Air & Other Gases
- ◆ Transparent Polycarbonate Bowl Option
- ◆ Great Point-Of-Use Protection
- ◆ Ideal for Portable Air Systems
- ◆ Instrumentation Filter

Protect your instrumentation and sensitive equipment from water, oil, and dirt with our high-efficiency, point-of-use miniature filters. Designed to remove contaminants with up to 99.99% efficiency at 0.01 micron, these filters provide reliable final-stage protection for instruments and valves. Their high performance, compact design, and low cost make them an ideal solution for demanding applications.



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

PRODUCT FEATURES / BENEFITS

- ◆ 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
- ◆ Point-Of-Use Filter
- ◆ Remote Air System – Long Life
- ◆ High Volume Air System
- ◆ Purge Valve Protection

For point-of-use applications requiring increased flow capacity, our “L” versions of the miniature filters accommodate a 12-57 filter element (2.25” long versus the standard 1.25”). This added capacity is especially beneficial in heavily contaminated systems, as it maintains high filtration efficiency and fast drainage while preserving a compact footprint.

Our “L” **long-bowl coalescing filters** deliver high-efficiency protection in a compact housing by utilizing the extended 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

Instrument 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
- ◆ Instrument Air Filters
- ◆ Protected Air Actuated Valves
- ◆ Paint Spray Booths
- ◆ Fuel Gas Filter Metering
- ◆ Natural Gas Filtration

Protect your equipment and sensitive instruments from water, oil, and dirt with our high-efficiency instrument filters, engineered to remove contaminants at 99.99% efficiency down to 0.01 micron. The 360 Series coalescing filters feature expanded liquid-holding capacity and can be equipped with optional high-volume automatic float drains (operational above 12 psi) and highly sensitive differential pressure indicators covering a 2–16 psi range. Our all-aluminum housings (suffix "A"), rated to 500 PSIG, make the 360A Series an ideal solution for CNG fuel gas filtration.



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 – 150 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

High Capacity Instrument 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
- ◆ Instrument Air
- ◆ Food Processing Systems
- ◆ CNG Filtration
- ◆ Air Dryer Protection

The 370 Series coalescing filters provide increased liquid-holding capacity and are available with optional high-volume automatic float drains (operational above 12 psi) and differential pressure indicators sensitive within the 2–16 psi range. Ideal for higher flow rate point-of-use applications. Our all-aluminum housings (suffix "A"), rated to 500 PSIG, make the 370A Series an ideal solution for CNG fuel gas filtration.



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–150 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>

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

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)	BN380	BN380	BN380	BN380
Standard Buna-N O-Ring				
Filter Element Codes:				
Coalescing Element (Standard - Included)	TRE38-152-70CS	TRE38-152-70CS	TRE38-152-70CS	TRE38-152-70CS
*Other Elements Available- View Drawing				
Drawing **For More Detail & Options**	380AHP	383AHP	380AHPF	383AHPF
Housing Model w/Indicator Maximum Pressure with Indicator – 300 PSIG	380AHPVDI	383AHPVDI	380AHPFVDI	383AHPFVDI

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) *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 300 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 1 1/2" to 2" NPT Aluminum Filters

PRODUCT FEATURES / BENEFITS

- ♦ 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 Glass Elements Available
- ♦ 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 and gas applications with our large coalescing filter assemblies. Like their smaller counterparts, these filters utilize our advanced microfiber elements to remove up to 99.99% of contaminants at 0.01 micron.

The 385AHP / 390AHP series features increased liquid holding capacity and is available with optional high-volume automatic float drains (operational above 12 psi), as well as differential pressure indicators sensitive across a 2 to 16 psi range.



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**	385AHP	385AHPF	390AHP	390AHPF
Housing Model w/Indicator Maximum Pressure with Indicator – 300 PSIG	385AHPVDI	385AHPFVDI	390AHPVDI	390AHPFVDI

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

Filter Regulators

PRODUCT FEATURES / BENEFITS

- ◆ Compact Design
- ◆ Integral Piggy-Back Regulator
- ◆ Clear Nowl for at a Glance Monitoring Available
- ◆ Regulator Ranges Available: 0-30, 5-60, & 10-130
- ◆ Sight Glass Optional on Metal Bowl (SG)
- ◆ Self - Relieving
- ◆ Point-Of-Use Regulation of Air Systems
- ◆ Valve Protection
- ◆ Instrument Air Line Control
- ◆ I/P Control Valve Protection
- ◆ Air Control Cabinet

Experience clean, dry compressed air and consistent pressure control in one smart, space-saving solution. Our coalescing filter regulators combine high-efficiency filtration with a reliable self-relieving regulator to protect your equipment and keep your system running at its best. The vertical piggy-back design reduces installation footprint, while the top-mounted bayonet knob makes pressure adjustments quick, simple, and intuitive—so you get premium air quality and performance with less hassle.



Housing Model	FR516	FRA516
Port Size (NPT)	1/8" or 1/4"	1/8" or 1/4"
Gauge Ports (NPT)	1/8"	1/8"
Maximum Pressure (psig)	150	250
Weight of Housing (lbs)	1.0	1.0
Principle Dimensions: (inches)		
Head Diameter	1.50	1.50
Overall Length	5.77	5.77
Maximum Temp. (120°F) Standard Buna-N Diaphragm & O-Ring	BNFR516	BNFR516
Filter Element Codes: Coalescing Element (Standard - Included) *Other Elements Available-View Drawing*	12-32-50C	12-32-50C
Regulator Range: 0-30, 5-60, & 10-130 PSIG	30R, 60R, 130R	30R, 60R, 130R
Drawing **For More Detail & Options**	<u>FR516</u>	<u>FRA516</u>

Housing Model	FRT066	FRAT066	FRT076	FRAT076
Port Size (NPT)	1/4" or 1/2"	1/4" or 1/2"	1/2"	1/2"
Gauge Ports (NPT)	1/4"	1/4"	1/4"	1/4"
Maximum Pressure (psig)	150	250	150	250
Weight of Housing (lbs)	2.0	3.0	3.0	4.0
Principle Dimensions: (inches)				
Head Diameter	2.50	2.50	2.50	2.50
Overall Length	10.13	10.13	14.00	14.00
Maximum Temp. (120°F) Standard Buna-N Diaphragm & O-Ring	BNFR066	BNFR066	BNFR066	BNFR066
Filter Element Codes: Coalescing Element (Standard - Included) *Other Elements Available-View Drawing*	25-64-50CW	25-64-50CW	25-178-50C	25-178-50C
Regulator Range Available 0-30, 5-60, & 10-130 PSIG	30R, 60R, 130R	30R, 60R, 130R	30R, 60R, 130R	30R, 60R, 130R
Drawing **For More Detail & Options**	<u>FRT066</u>	<u>FRAT066</u>	<u>FRT076</u>	<u>FRAT076</u>

Housing Model w/ Automatic Drain	FRFT066	FRAFT066	FRFT076	FRAFT076
Port Size (NPT)	1/4" or 1/2"	1/4" or 1/2"	1/2"	1/2"
Gauge Ports (NPT)	1/4"	1/4"	1/4"	1/4"
Maximum Pressure (psig)	150	250	150	250
Weight of Housing (lbs)	2.0	3.0	3.0	4.0
Principle Dimensions: (inches)				
Head Diameter	2.50	2.50	2.50	2.50
Overall Length	10.13	10.13	14.00	14.00
Maximum Temp. (120°F) Standard Buna-N Diaphragm & O-Ring	BNFR066	BNFR066	BNFR066	BNFR066
Filter Element Codes: Coalescing Element (Standard - Included) *Other Elements Available-View Drawing*	25-64-50CW	25-64-50CW	25-127-50C	25-127-50C
Regulator Range: 0-30, 5-60, & 10-130 PSIG	30R, 60R, 130R	30R, 60R, 130R	30R, 60R, 130R	30R, 60R, 130R
Drawing **For More Detail & Options**	<u>FRFT066</u>	<u>FRAFT066</u>	<u>FRFT076</u>	<u>FRAFT076</u>

Brass Filters

PRODUCT FEATURES / BENEFITS

- ♦ Brass with Nylon Internals for Air Service
- ♦ One Piece Bowl for Easy Service
- ♦ 500 PSIG Rated – Higher Pressures Available
- ♦ Off-Shore Instrumentation Service
- ♦ Oxygen Service – All Brass with Bronze Element
- ♦ All Brass Internals with “OS” Models

For air service, Headline Filters brass filter housings are precision-machined from solid brass bar stock, with durable nylon internals and a Viton seal. They are ideal for point-of-use instrument air filtration and are available in the **B360 series**, which comes equipped with our high-flow 80C grade coalescing filter element. This element is engineered for heavily saturated air systems, efficiently removing large volumes of liquid while providing long service life for particulate filtration.

For oxygen service or enhanced chemical compatibility, we recommend our **OS series**, which replaces nylon internals with brass. When ordered for oxygen service, housings must be properly cleaned to remove hazardous grease and contaminants. We offer this service upon request by specifying “**oxygen cleaning**” at the time of order. This process is performed in accordance with **ASTM G93**, ensuring housings are free of harmful residues and reassembled using **Krytox 205 lubricant** for safe, reliable performance.

Our T-Type filters are ideal for oxygen. They capture contaminants to ensure a clean system and help prevent oxygen fire ignition. This design also provides easy element replacement without disconnecting the filter housing.

We offer No Drain Port options for one less leak point, designated with an “ND” suffix. Example: B365ND-OS.



For oxygen service we offer oxygen compatible sintered Bronze element.



Sintered bronze filter elements are particularly well suited for oxygen service because bronze exhibits greater resistance to ignition than metals such as aluminum or stainless steel. Manufactured from spherical bronze powder, these elements provide effective contamination control while maintaining ignition resistance, making them a safe and dependable choice for gaseous and breathing air systems.

The porous metal construction gives these elements exceptional mechanical strength while forming a capillary-like network of interconnecting pores throughout the structure. This unique design enables both surface and depth filtration performance with high strength and consistent porosity.

**We can manufacture filter housings in Brass in any size.
The following charts list the most common sizes.**

Housing Model	B122-OS	940-B315L	B360-1/4"	B365-1/2"
Port Size (NPT)	1/4"	1/4"	1/4"	1/2"
Drain (NPT)	1/4"	Petcock	Petcock	Petcock
Maximum Pressure (psig)	3500	500	500	500
Internal Volume (cc)	30	45	140	140
Weight of Housing (lbs)	1.0	1.0	2.1	2.1
Principle Dimensions: (inch)				
Center Of Port To Head	0.39	0.39	0.37	0.536
Head Diameter	1.42	1.57	2.22	2.328
Overall Length	3.98	4.65	6.22	6.57
Element Removal Clearance	2.36	2.01	2.74	2.74
Maximum Temp. (400°F) Standard Viton O-Ring	GV110	GV315	GVB360	GVB360
Filter Element Codes: Standard Element (Included) *Other Elements Available-View Drawing	12-57-80C	PEL-12-57-01	25-64-80C	25-64-80C
Drawing (Nylon Internals) **For More Detail & Options**	N/A	940-B315L	<u>B360</u>	<u>B365</u>
Drawing (Brass Internals) **For More Detail & Options**	<u>B122-OS</u>	N/A	<u>B360-OS</u>	<u>B365-OS</u>

Housing Model	B370-3/4"	B370-1"	B150
Port Size (NPT)	3/4"	1"	1"
Drain (NPT)	Petcock	Petcock	Petcock
Maximum Pressure (psig)	500	500	500
Internal Volume (cc)	315	315	1350
Weight of Housing (lbs)	5.5	5.5	22.0
Principle Dimensions: (inch)			
Center Of Port To Head	0.84	0.84	1.18
Head Diameter	2.92	2.92	4.33
Overall Length	10.63	10.63	15.04
Element Removal Clearance	9.25	9.25	9.72
Maximum Temp. (400°F) Standard Viton O-Ring	GVB370	GVB370	GV150
Filter Element Codes: Standard Element (Included) *Other Elements Available-View Drawing	25-178-80C	25-178-80C	51-230-80C
Drawing (Nylon Internals) **For More Detail & Options**	<u>B370-3/4"</u>	<u>B370-1"</u>	<u>B150</u>
Drawing (Brass Internals) **For More Detail & Options**	<u>B370-OS-3/4"</u>	<u>B370-OS-1"</u>	N/A