



***"A leading worldwide supplier of high efficiency filters for a variety of industries and applications."***

## INSTRUMENT AIR/GAS 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.



### 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

**At the heart of our filter products is the filter element. Choosing the correct element insures proper results for your specific application:**

### Disposable Microfiber Elements

Disposable Microfiber Elements are most commonly used since they offer exceptional filtration, high flows with minimal pressure drops, and excellent chemical compatibility. These are ideal for use in sample conditioning, instrumentation, CNG, and Emission/Environmental service.

- For **Coalescing (liquid removal)** and particle collection use our grade "C". We recommend starting with the 70C which is rated at 95% efficient at 0.01 micron which provides outstanding filtration, at high flow rates.



### Vapor Adsorption Cartridges

Our vapor adsorption cartridges are packed with either carbon/charcoal for oil vapor adsorption (designated as CC) or Silica Gel for water vapor adsorption (designated as SG).

- These units are only for adsorption of oil or water vapor contaminants and should be preceded by at least one coalescing filter assembly (70C).

# INSTRUMENT AIR/GAS FILTER

- Low Pressure Drop
- 500 PSIG Maximum Rating
- Accepts Microfiber, Stainless Steel, PTFE, & PEL Filter Elements



## TECHNICAL INFORMATION

Housing Model	360		360F		360A		360AF	
<b>Headline Part Number</b>	<b>360</b>	<b>365</b>	<b>360F</b>	<b>365F</b>	<b>360A</b>	<b>365A</b>	<b>360AF</b>	<b>365AF</b>
Port Size (NPT) (*)	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"
Drain Type (NPT)	Twist		Automatic		Petcock		Automatic	
Maximum Pressure (psig)	150		150		500		250	
Maximum Temperature (°F)	120		120		240		240	
Internal Volume (cc)	150		130		165		145	
Weight of Housing (lbs)	1.0		1.0		1.5		1.5	
Principle Dimensions: (inches) (1)								
Center Of Port To Head	0.61		0.61		0.61		0.61	
Head Diameter	2.74		2.74		2.74		2.74	
Overall Length	6.50		6.94		6.50		6.94	
Element Removal Clearance	2.74		2.74		2.74		2.74	
Filter Element Codes: (2)								
Disposable Element (Standard)	25-64-□		25-64-□		25-64-□		25-64-□	
Stainless Steel Element	SS-25-64-□		SS-25-64-□		SS-25-64-□		SS-25-64-□	
PEL Element	PEL-25-64-□		PEL-25-64-□		PEL-25-64-□		PEL-25-64-□	
Vapor Adsorption Cartridge	TRE25-64-□		--		TRE25-64-□		--	
Materials Of Construction:								
Head	Aluminum		Aluminum		Aluminum		Aluminum	
Bowl	Polycarbonate		Polycarbonate		Aluminum		Aluminum	
Internals	Nylon		Nylon		Nylon		Nylon	
O-Rings (Standard)	Buna-N		Buna-N		Buna-N		Buna-N	
Drain	Nylon		Plastic/Brass		Brass		Plastic/Brass	
Accessories:								
Mounting Bracket (3)	MBSS360		MBSS360		MBSS360		MBSS360	
<b>Buna-N Seal Set Standard</b>	<b>BN360</b>		<b>BN360</b>		<b>BN360</b>		<b>BN360</b>	
EPDM Seal Set	GE360		GE360		GE360		GE360	
Kalrez Seal Set	KZ360		KZ360		KZ360		KZ360	
Viton Seal Set	GV360		GV360		GV360		GV360	
Float Drain	N/A		FD300		N/A		FD300	
DPI Replacement Kit	DPB300		DPB300		DPB300		DPB300	

Housing Model w/Indicator	360I	360FI	360AI	360AFI
Maximum Pressure with Indicator – 250 PSIG				

## FLOW RATE IN SCFM FOR ABOVE ASSEMBLIES WITH GRADE 50C (4) or 70C (5)

Air Line Pressure (PSIG)	360 Series (Max. Pressure 150 PSIG)				360A Series	
	50C/CC/SG		70C	50C/CC/SG		70C
	2	3	6	3	3	6
15	6	11	6	6	11	
30	8	16	8	8	16	
60	13	26	13	13	26	
100	21	44	21	21	44	
150	29	58	29	29	58	
200	-	-	42	42	88	
250	-	-	45	45	89	
500	-	-	87	87	173	

- Notes: (1) Dimensions are based on housing and does not include measurement for indicator  
 (2) Replace "□" with grade required, e.g. 25-64-70C, SS-25-64-25  
 (3) Add an "I" to the mounting bracket part number for all Indicator Housings  
 (4) Flow rates for Grade 50C rated at 99.99% against 0.01 micron  
 (5) Flow rates for Grade 70C rated at 95% against 0.01 micron  
 (\*) 3/8" NPT is also available