



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

HIGH CAPACITY POINT-OF-USE FILTER

Protect your equipment and sensitive instruments from water, oil, & dirt with our high efficiency, high capacity point of use filters that remove these contaminants up to 99.99% efficiency at 0.01 micron. 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.



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:

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

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 and should be preceded by at least one coalescing filter assembly (70C).

HIGH CAPACITY POINT-OF-USE FILTER

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



TECHNICAL INFORMATION

Housing Model	370	370F	370A	370AF
Headline Part Number	370	370F	370A	370AF
Port Size (NPT)	1/2"	1/2"	1/2"	1/2"
Drain Type (NPT)	Twist	Automatic	Petcock	Automatic
Maximum Pressure (psig)	150	150	500 ⁽¹⁾	250
Maximum Temperature (°F)	120	120	240	240
Internal Volume (cc)	300	280	315	295
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	10.25	10.25	10.38	10.38
Element Removal Clearance	7.48	5.51	7.48	5.51
Filter Element Codes: (2)				
Disposable Element (Standard)	25-178-□	25-127-□	25-178-□	25-127-□
Stainless Steel Element	SS-25-178-□	SS-25-127-□	SS-25-178-□	SS-25-127-□
PEL Element	PEL-25-178-□	PEL-25-127-□	PEL-25-178-□	PEL-25-127-□
Vapor Adsorption Cartridge	TRE25-178-□	--	TRE25-178-□	--
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
Buna-N Seal Set Standard	BN370	BN370	BN370	BN370
EPDM Seal Set	GE370	GE370	GE370	GE370
Kalrez Seal Set	KZ370	KZ370	KZ370	KZ370
Viton Seal Set	GV370	GV370	GV370	GV370
DPI Replacement Kit	DPI300	DPI300	DPI300	DPI300

Housing Model w/Indicator

Maximum Pressure with Indicator – 250 PSIG

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

Air Line Pressure (PSIG)	370 Series ⁽⁶⁾		370A Series ⁽⁶⁾	
	(Max. Pressure 150 PSIG)			
	50C/CC/SG	70C	50C/CC/SG	70C
2	6	8	6	8
15	10	13	10	13
30	15	19	15	19
60	25	32	25	32
100	40	50	40	50
150	55	68	55	68
200	-	-	80	100
250	-	-	83	106
500	-	-	163	209

- Notes: (1) Dimensions are based on housing and does not include measurement for indicator
 (2) Replace "□" with grade required, e.g. 25-178-50C, SS-25-178-25
 (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
 (6) Reduce flow rates for 370F and 370AF series by 20%. (I.E. 10 SCFM = 8 SCFM)