



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

HIGH CAPACITY COALESCING FILTERS

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 395 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.



Features:

- Rugged, 100% Machined Anodized Aluminum Construction
- Remove 99.99% Of Oil, Water, & Solids From Compressed Air & Other Gases
- Low Cost, Long Life

Applications:

- Mainline Pre-Filter On Air Systems
- Ideal High Volume Particulate Filter
- Desiccant Dryer Post Filters
- Dry Seal Protection

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 "CS". We recommend starting with the 70CS 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 (70CS).

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- Fuel Gas Filter
- Accepts Microfiber, Stainless Steel, Vapor Adsorption, & Pleated Elements

TECHNICAL INFORMATION

Housing Model	395A	395AF
Headline Part Number	395A	395AF
Port Size (NPT)	3"	3"
Drain Type (NPT)	Petcock	Automatic
Maximum Pressure (psig)	250	250
Maximum Temperature (°F)	120	120
Internal Volume (cc)	7055	7035
Weight of Housing (lbs)	27	27
Principle Dimensions: (inches) (1)		
Center Of Port To Head	2.56	2.56
Head Diameter	7.48	7.48
Overall Length	42.32	42.32
Element Removal Clearance	30.31	30.31
Filter Element Codes: (2)		
Disposable Element (Standard)	63-762-□	63-762-□
Stainless Steel Element	SS-63-762-□	SS-63-762-□
Vapor Adsorption Cartridge	63-762-□	--
Pleated Element	63-762-□PL	63-762-□PL
Materials Of Construction:		
Head	Aluminum	Aluminum
Bowl	Aluminum	Aluminum
Internals	Stainless Steel/Aluminum	Stainless Steel/Aluminum
O-Rings (Standard)	Buna-N	Buna-N
Drain	Brass	Plastic/Brass
Accessories:		
Mounting Bracket	MB395	MB395
Buna-N Seal Set Standard	BN395	BN395
EPDM Seal Set	GE395	GE395
Kalrez Seal Set	KZ395	KZ395
Viton Seal Set	GV395	GV395
Float Drain	N/A	FD300
DPI Replacement Kit	DPI300	DPI300

Housing Model w/Indicator	395AI	395AFI
Maximum Pressure with Indicator - 250 PSIG		

FLOW RATE IN SCFM FOR ABOVE ASSEMBLIES WITH GRADE 50CS (3) or 70CS (4)

Air Line Pressure (PSIG)	395 Series	
	50CS	70CS
2	70	99
15	128	174
30	250	285
60	319	441
100	511	708
150	708	975
200	1022	1416
250	1091	1508

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

(2) Replace "□" with grade required, e.g. 63-762-70CS, SS-63-762-25, 63-762-50PL

(3) Flow rates for Grade 50CS rated at 99.99% against 0.01 micron

(4) Flow rates for Grade 70CS rated at 95% against 0.01 micron