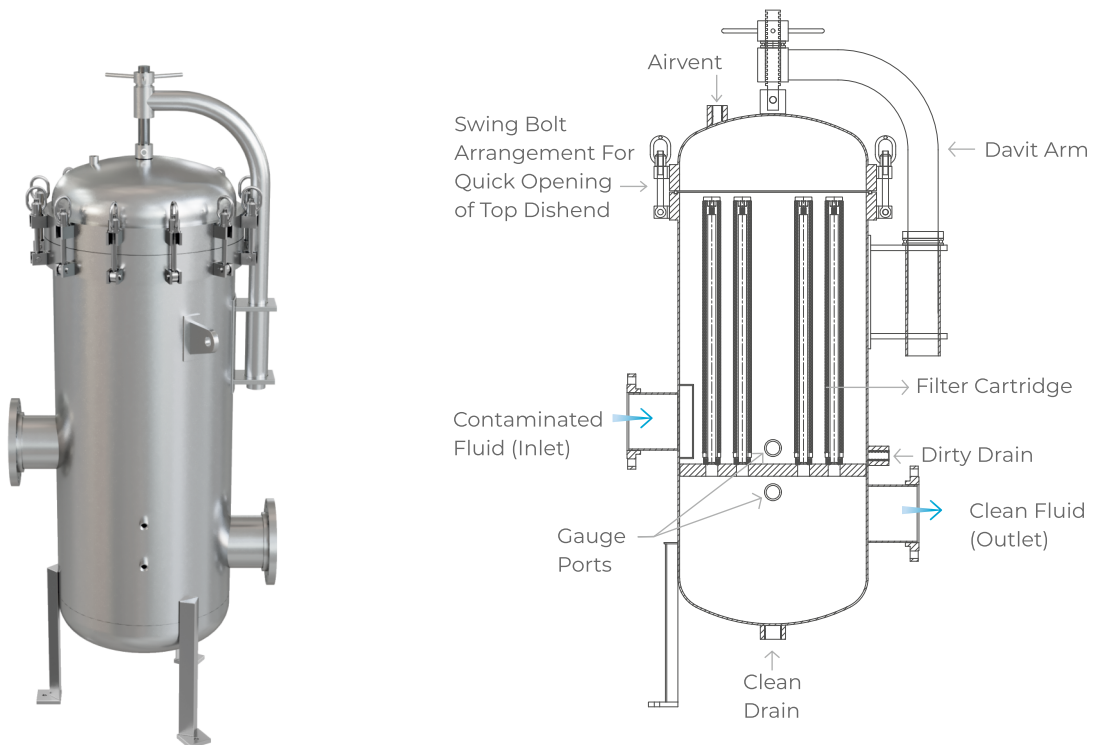


ACCUFIL AS Series

Multi Cartridge Filter Housing

The **Accufil AS Series** is a high-performance multi-cartridge filter housing, engineered and manufactured in accordance with ASME Section VIII Div. 1 and PED 2014/68/EU standards. Designed for demanding industrial environments, it offers flow capacities up to 496 m³/hr with outstanding structural integrity and long service life. The housing features a precision knife-edge sealing system that ensures positive cartridge sealing and consistent filtration efficiency. Built with robust construction and versatility in mind, the Accufil AS Series is ideal for a diverse range of liquid filtration applications across process industries.



Features & Benefits

ASME Sec. VIII Div. 1 and PED 2014/68/EU compliant design :

Ensures conformity with international pressure vessel standards.

Multi-cartridge configuration :

Provides a large filtration area and high throughput capacity for continuous operations.

Knife-edge cartridge sealing system for DOE Filters:

Ensures precise alignment, leak-free sealing, and optimal filtration efficiency.

Pressure ratings of 10 bar (145 PSI) and 16 bar (232 PSI):

With higher ratings available on request to suit specific process requirements.

Designed for operating temperatures up to 125°C (257°F):

Making it suitable for numerous high-temperature filtration applications.

Flow capacity up to 496 m³/hr (2183 USGPM):

Meeting the needs of large-scale industrial filtration systems.

Heavy-duty construction :

Guarantees durability, stability, and extended service life under rigorous working conditions.

Corrosion-resistant materials :

Enhance longevity and reliability across diverse process environments.

Versatile and adaptable design :

Compatible with Ø2.5" diameter cartridges in various lengths, Accepts DOE or SOE (222 O-ring) cartridge.

Ergonomic swing bolt and davit arm closure :

Allows safe, quick access for cartridge replacement and minimizes maintenance time.

Applications:



Pharmaceuticals & Biotechnology :

Filtration of bulk liquids, intermediates, and final products pre-filtration before sterile membranes clarification of process water.



Food & Beverage :

Filtration of syrups, beverages, edible oils, and process water final polishing before packaging to ensure product clarity.



Chemicals & Petrochemicals :

Removal of suspended solids from solvents, acids, and chemical intermediates protection of downstream equipment.



Water & Waste water Treatment :

High-flow pre-filtration before RO, UF, or polishing systems filtration of cooling, process, and recycle water.



Power Generation & Utilities :

Filtration of boiler feed water, condensate, and cooling water loops protection of turbines and heat exchangers.



Oil & Gas :

Treatment of injection water, produced water, and process fluids filtration of amine and glycol systems.



Paints, Inks & Coatings :

Removal of gels, skins, and agglomerates achieving uniform product texture and finish.



Industrial Filtration Skids :

Ideal for integration into modular skid systems where compact, reliable, and high-capacity filtration is essential.

Accufil AS Series

Our Standard Configurations

Model No.	No of Filter Cartridges	Cartridge Length	Inlet/Outlet	Typical Flow Rate * M ³ /Hr	Typical Flow Rate USGPM	Housing Volume Liter
ACCUFIL AS-3-L1-C01-U	3	20"	40 NB (1 1/2")	6	26	20
ACCUFIL AS-3-L2-C01-U	3	30"	40 NB (1 1/2")	9	39	26
ACCUFIL AS-3-L3-C01-U	3	40"	40 NB (1 1/2")	12	52	32
ACCUFIL AS-5-L1-C01-U	5	20"	40 NB (1 1/2")	10	44	30
ACCUFIL AS-5-L2-C02-U	5	30"	50 NB (2")	15	66	40
ACCUFIL AS-5-L3-C02-U	5	40"	50 NB (2")	20	88	54
ACCUFIL AS-7-L3-C03-U	7	40"	65 NB(2 1/2")	28	123	85
ACCUFIL AS-11-L2-C04-U	11	30"	80 NB (3")	33	145	93
ACCUFIL AS-11-L3-C04-U	11	40"	80 NB (3")	44	193	122
ACCUFIL AS-13-L2-C04-U	13	30"	80 NB (3")	39	171	113
ACCUFIL AS-13-L3-C05-U	13	40"	100 NB (4")	52	228	150
ACCUFIL AS-18-L3-C05-P	18	40"	100 NB (4")	72	317	214
ACCUFIL AS-18-L3-C06-U	18	40"	125 NB (5")	72	317	216
ACCUFIL AS-21-L3-C05-P	21	40"	100 NB (4")	84	370	276
ACCUFIL AS-21-L3-C06-U	21	40"	125 NB (5")	84	370	278
ACCUFIL AS-27-L3-C05-P	27	40"	100 NB (4")	108	475	355
ACCUFIL AS-27-L3-C06-U	27	40"	125 NB (5")	108	475	357
ACCUFIL AS-34-L3-C06-P	34	40"	125 NB (5")	136	599	433
ACCUFIL AS-34-L3-C07-U	34	40"	150 NB (6")	136	599	436
ACCUFIL AS-40-L3-C06-P	40	40"	125 NB (5")	160	704	508
ACCUFIL AS-40-L3-C07-U	40	40"	150 NB (6")	160	704	511
ACCUFIL AS-48-L3-C07-P	48	40"	150 NB (6")	192	845	630
ACCUFIL AS-48-L3-C08-U	48	40"	200 NB (8")	192	845	638
ACCUFIL AS-57-L3-C07-P	57	40"	150 NB (6")	228	1004	717
ACCUFIL AS-57-L3-C08-U	57	40"	200 NB (8")	228	1004	725
ACCUFIL AS-67-L3-C07-P	67	40"	150 NB (6")	268	1180	818
ACCUFIL AS-67-L3-C08-U	67	40"	200 NB(8")	268	1180	827
ACCUFIL AS-75-L3-C08-P	75	40"	200 NB (8")	300	1321	966
ACCUFIL AS-75-L3-C09-U	75	40"	250 NB(10")	300	1321	974
ACCUFIL AS-87-L3-C08-P	87	40"	200NB (8")	348	1532	1111
ACCUFIL AS-87-L3-C09-U	87	40"	250NB(10")	348	1532	1119
ACCUFIL AS-101-L3-C08-P	101	40"	200NB (8")	404	1779	1267
ACCUFIL AS-101-L3-C09-U	101	40"	250NB(10")	404	1779	1275
ACCUFIL AS-108-L3-C08-P	108	40"	200NB (8")	432	1902	1427
ACCUFIL AS-108-L3-C09-U	108	40"	250NB(10")	432	1902	1435
ACCUFIL AS-124-L3-C09-P	124	40"	250NB (10")	496	2184	1644
ACCUFIL AS-124-L3-C10-U	124	40"	300NB(12")	496	2184	1654

Typical Flow Rate Mentioned is for Clear Water Flow through LNG Filters brand 1 Micron PP Meltblown Filter Cartridge at 35°C & 1 cP viscosity. The values mentioned are for indicative purpose only. The selection of Filter Housing for your application depends on process parameters. Please consult our sales team to choose right product for your application.

Accufil AS Series

Ordering Table

Model No.	Pressure Rating	Housing Material (Contact Parts)	Gasket Material	Surface Preparation	Type of Fitment for Filter
ACCUFIL AS Series Model No	P10= 10 bar (145 PSI)	M1-SS304	B= BUNA-N	1= Mirror Finish	D= Double Open End
	P16 = 16 bar (232 PSI)	M2-SS304L	E= EPDM	2= Pickling & Passivation	S= Single Open End (222-O-ring)
	PC= Higher Pressure on Request	M3-SS316	S= SILICON	3= Glass Beading	
		M4-SS316L	V= VITON		
		MC = Material Grade other than listed on Request.	P= PTFE Encapsulated Viton		
			N = NEOPRENE		
Example					
ACCUFIL AS-124-L3-C10-U	P10	M3	S	1	D

Ordering Code Example :

ACCUFIL AS-124-L3-C10-U-M3-S-1-D

ACCUFIL AS Series SS316 Cartridge Filter Housing With design pressure of 10 bar suitable for 124 Nos x 40" DOE cartridges, with Inlet/outlet process connection of 300 NB, Silicon gaskets and mirror Surface finish.



MFG OF LIQUID AND GAS FILTERS

Address : 8, Uma industrial estate, survey no 300, Nr Shiv Bhumi estate – 3, Bakrol, Ahmedabad – 382430, Gujarat, India

M : +91 99252 82204 | 91 97227 79907

E : info@Lngfilters.com | w : www.Lngfilters.com