

STF Series

HOUSINGS
BASKET FILTER
LOW PRESSURE



MAIN APPLICATIONS:

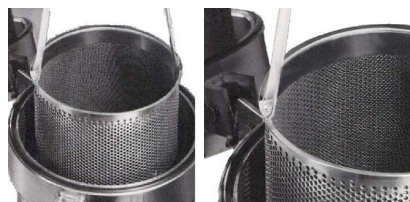
- DESALINATION
- WATER TREATMENT
- PETROCHEMICAL
- FINE CHEMICAL
- FOOD & BEVERAGE
- POWER GENERATION
- PAINTS AND RESINS
- PHARMACEUTICAL
- MICROELECTRONIC
- GALVANIC
- HYDRAULIC
- STEEL MILL
- GENERAL INDUSTRY

CHARACTERISTICS:

- 100% 316-SS construction.
- Swing bolts Rathmann type closure.
- Micro-casting girth flange and top cover with hinge and handle.
- Conform to 2014/68/UE PED Directive.
- Conform to 2014/34/UE ATEX Directive.
- 1935/2004/CE certification available upon request.
- Suitable for liquids Gr. 1 and 2 filtration.
- Suitable for basket size 1, 2, 3, 4 and 6.
- Side inlet and bottom outlet nozzle design.
- Suitable for pressure up to 10 bar (16 bar as option for size 1 and 2).
- O-ring body/head seal.
- Basket suitable for Delta-P up to 4 bar.
(10 bar Delta-P design available as option).
- 430-SS adjustable legs (only for size 1, 2 e 6).
- 316L-SS adjustable legs available as option.
- Hydraulic test on 100% of manufactured filters.
- Customization for OEM available.

ASCO FILTRI

a **mott** company



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TECHNICAL DATA

MAX. WORKING CONDITION

10 bar @ 100 °C
16 bar @ 100 °C (option)

CONSTRUCTION MATERIALS

- BODY:**
- 316L-SS
GIRTH FLANGE, TOP COVER:
- 316-SS micro-casting
ADJUSTABLE LEGS:
- Standard:
430-SS glass bead blasted
- Option:
316L-SS electropolished

FINISHING

- A38:
Internal electropolishing
External manual polishing
- A44:
Int/ext glass bead blasted

GASKETS

- EPDM max. 120 °C
- Viton max. 230 °C
- Silicone max. 230 °C
- FEP max. 250 °C
- PTFE max. 250 °C

IN/OUT

- 1.1/2" GAS-M
- 2" GAS-M
- 2.1/2" GAS-M
- 3" GAS-M
- DN 100 PN 16
- DN 150 PN 16

VENT

- 3/8" GAS-F

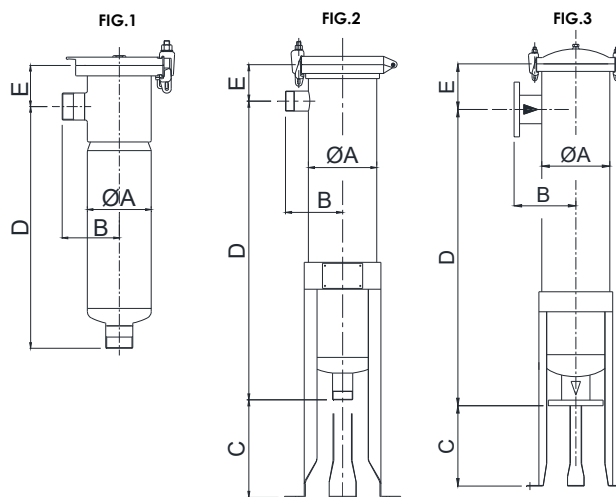
ACCESSORIES

- Pressure gauge
- Vent valve
- Flanged connection
- Magnetic candle kit

Dimensions:

Model	Q max. m ³ /h	Dimensions [mm]					In/out	Vol. [lt]	Weight [kg]	Fig.
		A	B	C	D	E				
STFL013	9	114.3	95	-	277.5	75.5	1.1/2" Gas-m	3	9	1
STFL014	15	114.3	95	-	427.5	75.5	1.1/2" Gas-m	4	10	1
STF011	20	204	170	[1]	489	107.5	2" Gas-m	16	36	2
STF012	35	204	170	[1]	869	107.5	2" Gas-m	28	40	2
STF016	150	273	260	[1]	1190	183	DN 150 PN 16	75	80	3

Max. flow rate referred to 100 µm basket. Initial Delta-P 0.15 bar.
Suggested flow-rate change according to the installed filtration rating.
1] "C" dimension adjustable according to the selected model.



Max. working pressure:

Fluid	Model				
	STFL013	STFL014	STF011	STF012	STF016
Liquid Gr. 2	10 bar	10 bar	10 bar	10 bar	10 bar
Liquid Gr. 1	10 bar	10 bar	10 bar	10 bar	10 bar
Gas Gr. 2	10 bar	10 bar	10 bar	7 bar	2.5 bar
Gas Gr. 1	8 bar	6 bar	1.5 bar	0.8 bar	0.6 bar

Where the 2014/68/EU PED Directive is applicable, in case of gas, the max. working pressure must be reduced.
For different working pressure, contact ASCO Filtri.
PED Cat. II, III e IV solutions, available upon request.

Contact us for further information.

We reserve the right to change the data of this specification without notice.

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