

STR Series

HOUSINGS
BASKET FILTERS
LOW PRESSURE



MAIN APPLICATIONS:

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

CHARACTERISTICS:

- 100% AISI 316L construction
- V-Clamp closure manufactured with lost wax micro-casting
- V-Clamp body/head closure
- Conform to 94/9/CE ATEX Directive
- 1935/2004/CE certification available upon request
- Suitable for liquids Gr. 1 and 2 filtration
- Side inlet bottom outlet nozzles design
- Suitable for pressure up to 8 bar
- Suitable for basket size 1, 2, 3, 4
- O-ring body/head seal
- Basket suitable for Delta-P up to 4 bar
(10 bar Delta-P design available as option)
- 304 SS adjustable legs (only for size 1 and 2)
- Hydraulic test on 100% of manufactured filters
- Customization for OEM available



ASCO FILTRI

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TECHNICAL DATA

MAX. WORKING CONDITIONS
8 bar @ 80 °C

CONSTRUCTION MATERIALS

BODY:

- 316L SS
- 304 (option)

V-CLAMP:

- 316 SS micro-casting

ADJUSTABLE LEGS:

- 430 SS

FINISHING

Internal/external:

- Electropolishing
- Pickling (option)

GASKETS

- EPDM
- Silicone
- Viton
- FEP

IN/OUT

- 1.1/2" GAS-M
- 2" GAS-M
- 2.1/2" GAS-M
- 3" GAS-M

VENT

- 3/8" GAS-F

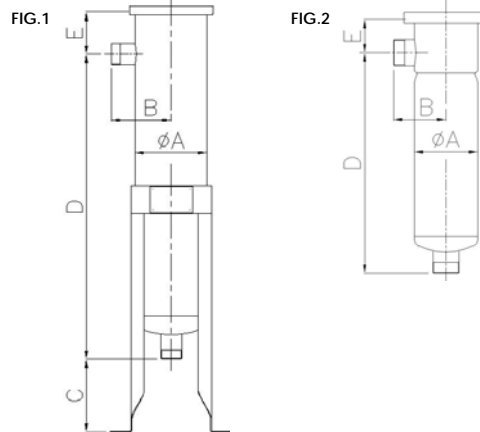
ACCESSORIES

- Pressure gauge
- Vent valve
- Flanged connections
- Magnetic candles kit

Dimensions:

Model	Q max.	Dimensions [mm]					In/out	Vol. [lt]	Weight [kg]	Fig.
	m ³ /h	A	B	C	D	E				
STR013	9	114.3	95	-	257	60	1.1/2" Gas-m	2.6	8	2
STR014	15	114.3	95	-	402	60	1.1/2" Gas-m	3.7	9	2
STR011	20	204	170	[1]	479	120	2" Gas-m	16	26	1
STR012	35	204	170	[1]	864	120	2" Gas-m	28	30	1

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



Max. Working pressure:

Fluid	Model			
	STR013	STR014	STR011	STR012
Liquid Gr. 2	8 bar	8 bar	8 bar	8 bar
Liquid Gr. 1	8 bar	8 bar	8 bar	7 bar
Gas Gr. 2	Not suitable			
Gas Gr. 1				

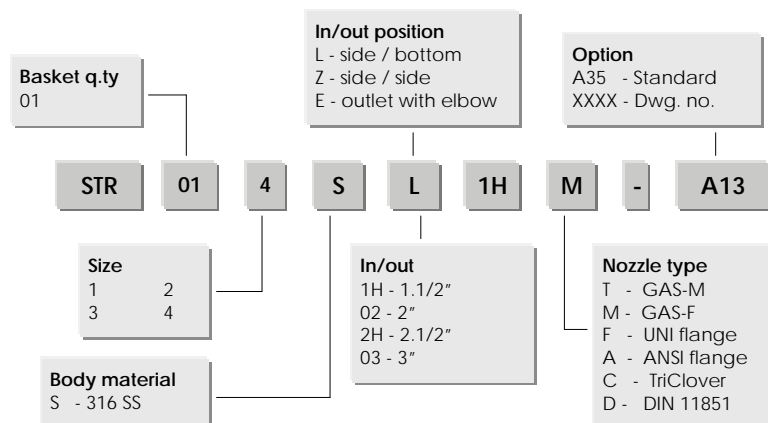
Where the 97/23/CE PED Directive is applicable, in case of dangerous liquids Gr. 1, the max. working pressure must be reduced. For different pressures contact ASCO Filtri.

Gaskets temperature limitation:

EPDM	120 °C	Viton	230 °C	PTFE	250 °C
Buna-n	120 °C	Silicone	230 °C	FEP	250 °C

Working temperature is limited from installed gaskets.
For different working temperature check with the operating manual.

Ordering information:



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

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