



CHARACTERISTICS:

- 100% AISI 316 construction
- Head and body flange manufactured with lost wax micro-casting
- Conform to 2014/68/UE PED Directive
- Conform to 2014/34/UE ATEX Directive
- 1935/2004/CE certification available upon request
- Stud bolts and nuts head/bowl closure
- Suitable for liquid or gas filtration
- In line in/out connections for easy installation
- Suitable for pressure up to 69 bar (1000 psi)
- Model for steam application at 25 bar / 200 °C (363 psi @ 392 °F) available
- Suitable for cartridges from 6" to 40"
- Suitable for cartridges DOE, M3, NPT; M6 and M7 as option
- Installation of cartridge independent from bowl
- O-ring head/bowl seal
- Designed to allow visual checking of the installed cartridge prior to bowl closure
- ASME design available as option

SCT Series

**NORTH AMERICA HOUSING
SINGLE CARTRIDGE
HIGH PRESSURE**

MAIN APPLICATION:

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

ASCO
FILTRI

a mott company

ASCO Filtri S.p.A.

Viale delle Scienze, 8
20082 Binasco (MI) - Italy

Phone: +39 02 89703.1

Fax: +39 02 89703.410

E-mail: ascoinfo@mottcorp.com

Web: www.ascofiltri.com

www.mottcorp.com

SCT Series

**NORTH AMERICA HOUSING
SINGLE CARTRIDGE
HIGH PRESSURE**

TECHNICAL DATA

MAX. WORKING CONDITION

LP series: 25 bar @ 100 °C
[363 psi @ 212 °F]
HP series: 69 bar @ 100 °C
[1000 psi @ 212 °F]
ST series: 25 bar @ 200 °C
[363 psi @ 392 °F]
(according to the handled fluid)

CONSTRUCTION MATERIAL

HEAD:
- 316 SS micro casting
BODY FLANGE:
- 316 SS micro casting
BOWL:
- 316L SS

FILTER FINISHING

Internal:
- Pickling
External:
- Glass bead blasted

GASKETS

- EPDM
- Buna-n
- Silicone
- Viton
- PTFE
- FEP

IN/OUT

- 1" NPT

DRAIN

- 3/8" NPT

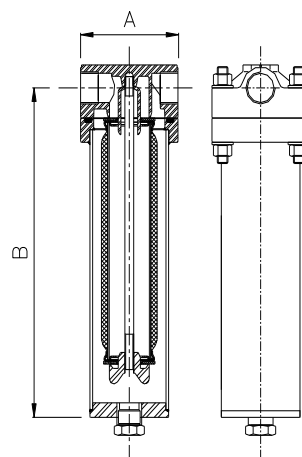
ACCESSORIES

- Flanged connections

Dimensions:

Length	Dimension - mm [in]		Connections		Volume lt [cu.ft]	Weight kg [lbs]
	A	B [1]	In/out	Drain		
06	110 [4.3]	270 [10.6]	1" NPT	3/8" NPT	1.2 [0.04]	7.5 [16.5]
10	110 [4.3]	375 [14.8]			1.6 [0.06]	9.0 [18.8]
20	110 [4.3]	626 [24.6]			3.0 [0.10]	13.0 [28.7]
30	110 [4.3]	881 [34.7]			4.5 [0.16]	15.0 [33.1]
40	110 [4.3]	1120 [44.1]			5.7 [0.20]	22.0 [48.5]

[1] For flanged version contact Asco Filtri.



Max. working pressure:

Fluid	SCT-LP				SCT-HP			
	10"	20"	30"	40"	10"	20"	30"	40"
	bar [psi]							
Liquid Gr. 2	25 [363]	25 [363]	25 [363]	25 [363]	69 [1000]	69 [1000]	69 [1000]	69 [1000]
Liquid Gr. 1	25 [363]	25 [363]	25 [363]	25 [363]	69 [1000]	65 [942]	43 [623]	34 [493]
Gas Gr. 2	25 [363]	25 [363]	25 [363]	25 [363]	69 [1000]	65 [942]	43 [623]	34 [493]
Gas Gr. 1	25 [363]	15 [217]	10 [145]	8 [116]	30 bar	15 [217]	10 [145]	8 [116]

Where the 2014/68/EU PED Directive is applicable, in case dangerous of gas Gr. 1, the max. working pressure must be reduced acc. to the table.
For different working pressure check with the operating manual.

Gaskets temperature limitation:

EPDM	120 °C (248 °F)	Viton	230 °C (446 °F)	PTFE	250 °C (482 °F)
Buna-n	120 °C (248 °F)	Silicone	230 °C (446 °F)	FEP	250 °C (482 °F)

Working temperature is limited from installed gaskets.

For working temperature different than 100 °C (212 °F), check with the operating manual to define the max. working pressure.

Ordering information:

SCT	10	S	S	A	01	N	-	HP	-	B11		
Length: 06: 6" 10: 10" 20: 20" 30: 30" 40: 40"					In/out: 01: 1"		Series:		Options: B11: DOE P11: cod. 7 N11: 1" NPT			
Head material: S: 316-SS					In/out type: N: NPT F: flange EN A: flange ANSI		LP: 25 bar [363 psi] HP: 69 bar [1000 psi] VP: 25 bar @ 200 °C [363 psi @ 392 °F] (steam service)					
Bowl material: S: 316L-SS												

Gasket Part No	101172
----------------	--------

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

ASCO Filtri S.p.A.

Viale delle Scienze, 8
20082 Binasco (MI) - Italy

Phone: +39 02 89703.1

Fax: +39 02 89703.410

E-mail: ascinfo@mottcorp.com

Web: www.ascofiltri.com

www.mottcorp.com

ASCO
FILTRI