

## SOX SERIES

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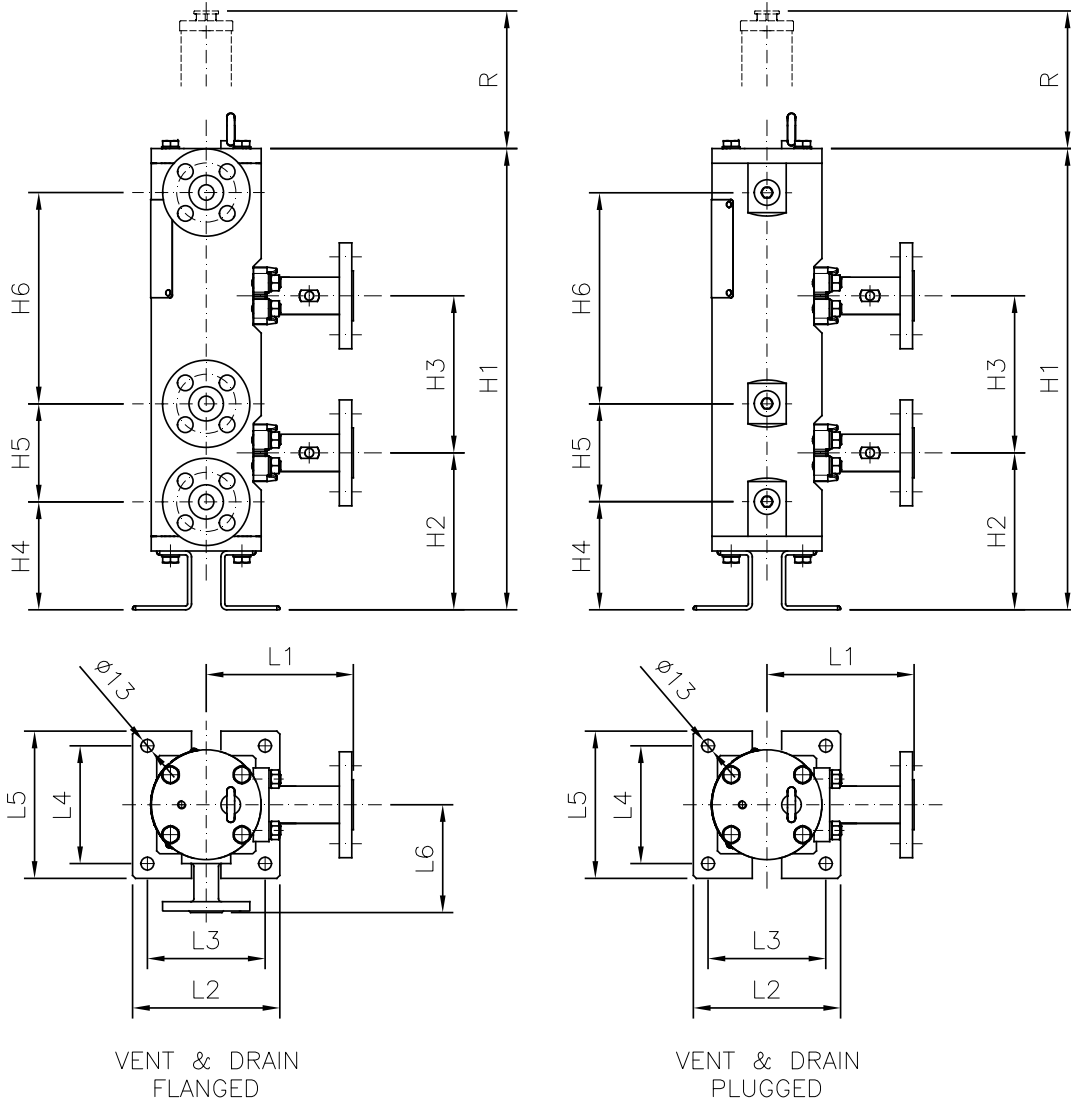
Simplex filter assemblies for lube oil, fuel and water filtration.



The simplex configuration of SOX series is the basic model of this high efficiency range of weld-free stainless steel filters.

They are designed for systems that can be shut off for maintenance or where the filter can be easily excluded when filter element replacement is needed.

SOX series



MODEL	L1	L2	L3	L4	L5	L6*	H1	H2	H3	H4	H5	H6	R
SOX1010	150	150	120	120	150	110	470	160	160	110	100	215	230
SOX2010	170					121,5	460	145	225	105	200		
SOX2020		180	150	150	180	590	330	350					

\*Only for 7. CONFIGURATIONS B&C

## ORDERING INFORMATION

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
<b>SOX</b>	<b>S</b>	<b>B</b>	<b>2010</b>	<b>P</b>	<b>040</b>	<b>A</b>	<b>A</b>	<b>0</b>	<b>G15</b>	<b>000.</b>	<b>0000</b>

1. FILTER SERIES	SOX	simplex filter	
2. MATERIAL	S	stainless steel	
3. SEALS	B	NBR	
	V	FKM	
4. HOUSING SIZE	1010	port size 020 or 025	
	2010	port size 040 or 050	
	2020		
5. PORT TYPE	A	ANSI 150 flange	
	P	PN 16 flange	
6. PORT SIZE	020	3/4" DN20	size 1010
	025	1" DN25	
	040	1 1/2" DN40	size 2010 and size 2020
	050	2" DN50	
7. CONFIGURATIONS	A	vent, drain clean & dirty NPT-F	
	B	vent, drain clean & dirty fl. 1/2" Ansi 150RF	
	C	vent, drain clean & dirty fl. DN15 PN16	
8. SPECIFICATIONS	A	ASME VIII div.1 design, NOT U-STAMP	
	B	ASME VIII div.1 design, U-STAMP	
	C	ASME VIII div.1 design, U-STAMP, NBR (National Board Registration)	
	D	PED 2014/68/EU, ASME VIII div.1 design. Equipment exempted from CE marking (acc. to PED Dir. - Art.4 Par.3)	
	E	TR CU EAC 010/2011, technical passport, ASME VIII div.1 design. Equipment exempted from TR CU032/2013	
9. AREA CLASSIFICATIONS	0	Safe area	
	1	ATEX	
	2	TR CU EAC 012/2011	
10. MEDIA	G10	Fiberglass 10 $\mu\text{m}$ $\beta \geq 200$	
	G15	API 10 fiberglass 15 $\mu\text{m}$ $\beta \geq 200$	
	G40	API 25 fiberglass 25 $\mu\text{m}$ $\beta \geq 200$	
	T25	wire mesh stainless steel 25 $\mu\text{m}$	
	T40	wire mesh stainless steel 40 $\mu\text{m}$	
11. & 12. VERSION	/000.	identification numbers assigned by FILTREC after order	
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## MAIN FEATURES

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Stainless steel weld-free construction, according to API614 latest edition  
Design pressure 16 bar  
Design temperature range + 100°C  
Filter element made with anti-static technology, to prevent electrostatic discharge  
Beta rated elements according to ISO 16889 multipass test  
Certification of materials EN10204 type 3.1

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## ATEX CERTIFICATION NOTE

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The filter is suitable for IIB gas group when:

- has no coating
- the thickness of the coating is < 2 mm

The filter is suitable for IIC gas group when:

- has no coating
  - the thickness of the coating is < 0,2 mm
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## TYPICAL APPLICATION FIELDS

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Gearboxes  
Steam turbines  
Gas turbines  
Compressors (centrifugal and others)  
Generators  
Driven machinery  
Other rotating equipment

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