

MULTI-CARTRIDGE FILTER VESSELS

LBV SERIES



FILTER TO BE FITTED WITH

- ▶ Pleated or depth cartridges up to Ø65 mm (DOE, SOE 222 without bayonet, flat end cap)

DESCRIPTION

- ▶ Cartridges of different lengths can be stacked (10", 20", 30", 40") - See table below for the number of cartridges.
- ▶ Quick closure by V-clamp
- ▶ Easier maintenance thanks to opening at mid-height and cover equipped with handles.
- ▶ Fully drainable through bottom outlet
- ▶ Adjustable feet
- ▶ **Material:** 316L stainless steel (wetted parts)
- ▶ **Seal:** Nitrile (Viton or EPDM available as spares. See "Spare seals kit")
- ▶ **Connections:** threaded
- ▶ **Operating conditions:**
 - ▶ Pressure: 6 bar max. at 60°C
 - ▶ 10 bar max. at 20°C (except series 9)

ATEX marking: on request

APPLICATION : Liquids, group 1 and 2 as per PED 2014/68/EU

RECOMMENDED MAXIMUM FLOW RATE IN M³/H

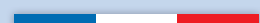
	Coding	Cartridges	1-5 microns		+ 10 microns	
			A	B	A	B
3 series	VV LBV 31 LG H001	3 x 10"	3	2	5	4
	VV LBV 32 LG H001	3 x 20"	5	4	10	8
	VV LBV 33 LG H001	3 x 30"	7	6	15	12
	VV LBV 34 LG H001	3 x 40"	9	8	16	16
6 series	VV LBV 61 LG 2001	6 x 10"	5	4	10	8
	VV LBV 62 LG 2001	6 x 20"	10	8	20	16
	VV LBV 62 LG 3001	6 x 20"	10	8	20	16
	VV LBV 63 LG 2001	6 x 30"	15	13	26	23
	VV LBV 63 LG 3001	6 x 30"	15	13	31	23
	VV LBV 64 LG 2001	6 x 40"	20	17	26	26
	VV LBV 64 LG 3001	6 x 40"	20	17	32	31
9 series	VV LBV 92 LG 3001	9 x 20"	15	13	30	23
	VV LBV 93 LG 3001	9 x 30"	22	19	46	35
	VV LBV 94 LG 3001	9 x 40"	29	25	48	47

Recommended flow rate for pressure drop of 0.150 bar - Viscosity equivalent to that of water.
Cartridge: A=Pleated B=Depth

CODING SYSTEM

VV LBV LBV series	9 Number of columns 3, 6, 9	3 Number of elements 10" equivalents, per column 1, 2, 3, 4	LG H001 Type and dimensions Inlet/outlet LG H001: 1.5" BSP Male (3 series) LG 2001: 2" BSP Male (6 series) LG 3001: 3" BSP Male (6 and 9 series)
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AS A MANUFACTURER, we can adapt the filters to your particular conditions. Our Design Office can design filters adapted to your usages.



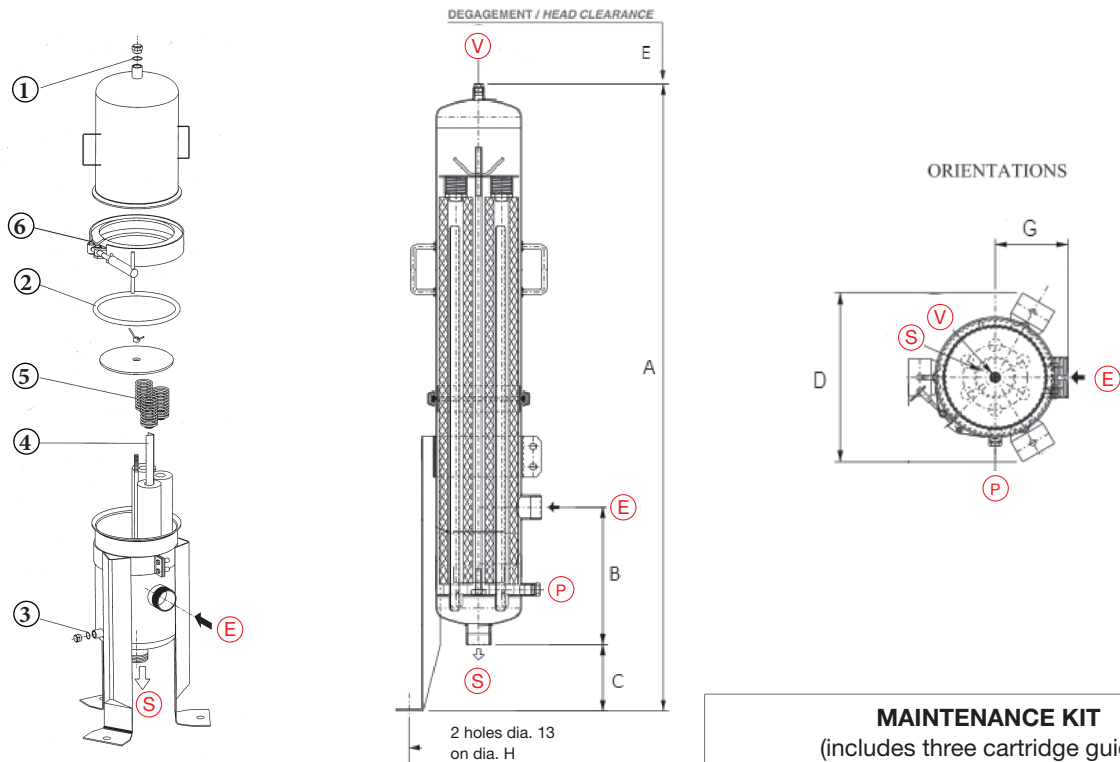


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DIMENSIONS AND CONNECTIONS

	Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	G (mm)	H (mm)	Weight (kg)	Vol. (L)	Inlet/Outlet (E) (S)	Vent (V)	Drain (P)
3 series	LBV 31	710	270	130	325	300	120	274	15	10	Ø1 1/2" BSP male	Ø3/8" BSP female	Ø1/2" BSP female
	LBV 32	970				620			20	16			
	LBV 33	1225				1145			25	22			
	LBV 34	1500				1680			31	28			
6 series	LBV61LG2001	855	290	250	367	300	150	327	20	19	Ø3/8" BSP female	Ø1/2" BSP female	
	LBV61LG3001		300	240		158	Ø2" BSP male Ø3" BSP male						
	LBV62LG2001	1120	290	250		640	150		25	29			Ø2" BSP male
	LBV62LG3001		300	240		158	Ø3" BSP male						
	LBV63LG2001	1385	290	250		1165	150		30	39			Ø2" BSP male
	LBV63LG3001		300	240		158	Ø3" BSP male						
	LBV64LG2001	1645	290	250		1690	150		40	48			Ø2" BSP male
LBV64LG3001	300		240	158	Ø3" BSP male								
9 series	LBV 92	1130	330	200	415	650	187	382	31	47	Ø3" BSP male	Ø3/8" BSP female	Ø1/2" BSP female
	LBV 93	1395				1175			57	65			
	LBV 94	1660				1700			49	80			



SPARE SEALS KIT containing:

2 cover seals (2) + 2 drain seals (3) + 2 vent seals (1)

	Nitrile code	Viton code	EPDM code*
3 series	3KINLBV31REC	3KIVLBV31REC	3KIELBV31WREC
6 series	3KINLBV61REC	3KIVLBV61REC	3KIELBV61WREC
9 series	3KINLBV92REC	3KIVLBV92REC	3KIELBV92WREC

* EPDM seals: compliant with the requirements of the FDA, ACS and 1935/2004 EU

MAINTENANCE KIT
(includes three cartridge guides (4)
+ 3 compression cups (5))

Series	Article code
LBV 31 / LBV 61	3KITM-3CDFXMR
LBV 32 / LBV 62 / LBV 92	3KITM-6CDFXMR
LBV 33 / LBV 63 / LBV 93	3KITM-9CDFXMR
LBV 34 / LBV 64 / LBV 94	3KITM-24CDFXMR

SPARE PARTS

Item	Article code
(6) V-clamp for Series 3	2CSLBV31S4
(6) V-clamp for Series 6	2CSLBV61S4
(6) V-clamp for Series 9	2CSLBV92S4