



FT SERIES

Filler breathers with flange or welding mounting

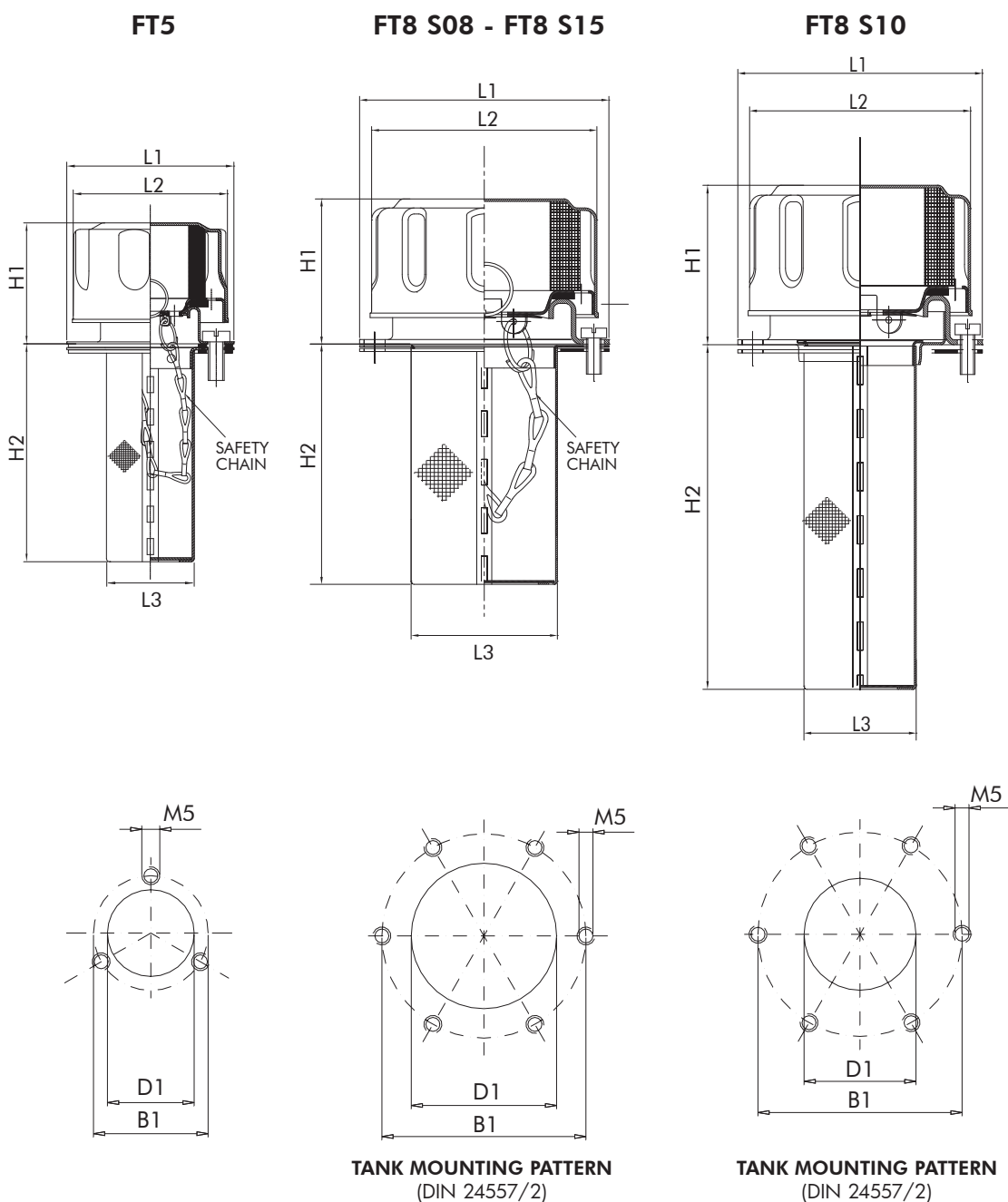
TECHNICAL INFORMATION

MATERIALS:	Cover: chrome plated steel Basket: zinc plated steel Flange: zinc plated steel Gaskets: NBR
FILTER MEDIA:	Polyurethane (air filtration 3µm e10 µm)
PRESSURIZATION VALVE:	0,35 or 0,75 bar (for FT8 only)

ORDERING INFORMATION

	1.	2.	3.	4.	5.	6.	7.
	FT	8	F03	B	S08	0	L
1. SERIES	FT						
2. SIZE	5	cover Ø48					
	8	cover Ø75					
3. FILTER MEDIA	F03	polyurethane (air filtration 3 µm)					
	F10	polyurethane (air filtration 10 µm)					
4. GASKETS	B	NBR					
5. MOUNTING TYPE	---	FT5 only					
	S08	flange, basket h = 80 mm					
	S15	flange, basket h = 150 mm					
	S10	flange, removable basket					
	W10	welding flange					
	T13	with antisplash tube					
6. PRESSURIZATION VALVE	0	no valve					
	1	0,35 bar				FT8 ONLY	
	2	0,75 bar					
7. PADLOCK HOLDER	0	without padlock holder					
	L	with padlock holder				FT8 ONLY	

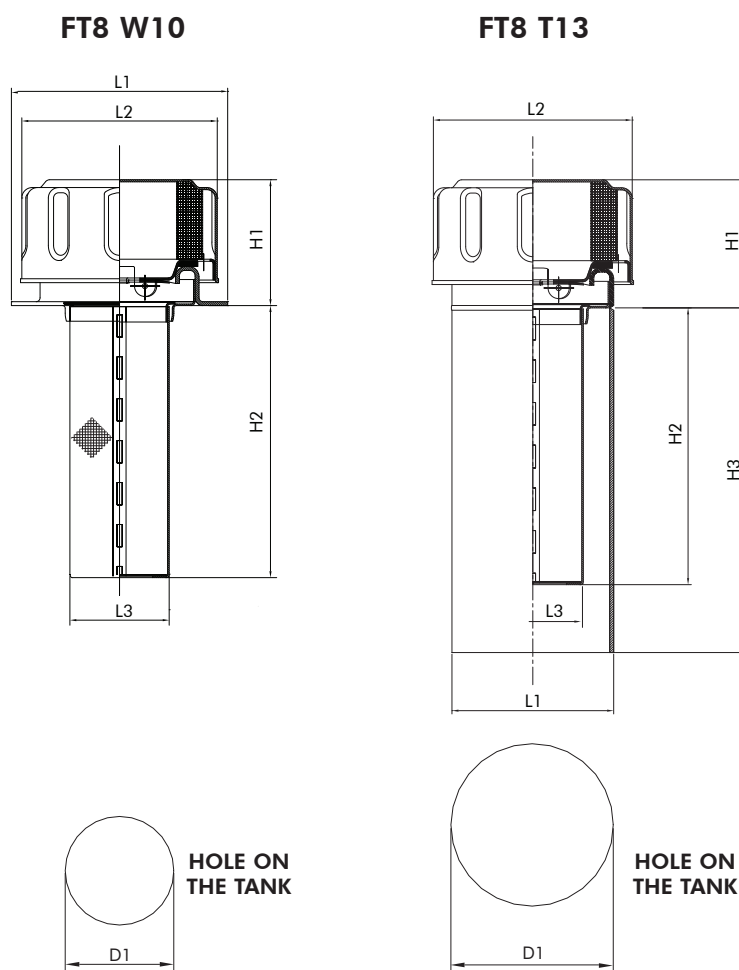
OVERALL DIMENSIONS



NOMINAL SIZE

CODE	B1	D1	H1	H2	L1	L2	L3	AIR FLOW RATE l/min Dp 0,015 barg	
								F03	F10
FT5	41	31	37	67	52	48	27,5	200	250
FT8 S8	71 ÷ 73	52	50	80	83	75	50	450	550
FT8 S15				150					
FT8 S10		40		105			38		

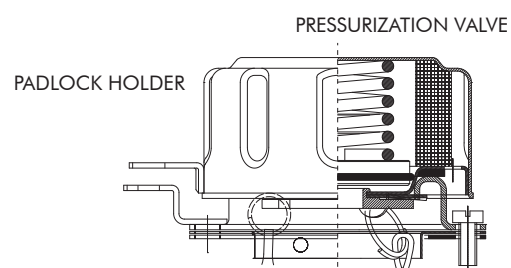
OVERALL DIMENSIONS



NOMINAL SIZE

CODE	D1	H1	H2	H3	L1	L2	L3	AIR FLOW RATE NI/min Dp 0,015 barg	
								F03	F10
FT8 W10	40	50	105	---	83	75	38	200	250
FT8 T13	62			130	60			450	550

OPTIONS



On request, FT7 and FT8 can be supplied with some option:

- PRESSURIZATION VALVE
- PADLOCK HOLDER (FT8 only)



FT6 & FT7 SERIES

Air breather filters

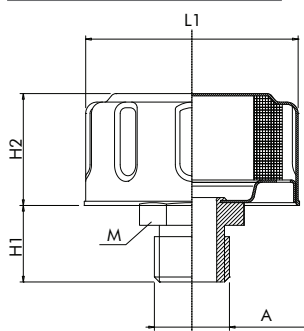
TECHNICAL INFORMATION

MATERIALS:	Cover: chrome plated steel Threaded connection: zinc plated steel
FILTER MEDIA:	Polyurethane (air filtration 3 μm and 10 μm)
PRESSURIZATION VALVE:	0,35 or 0,75 bar (for FT7 only)

ORDERING INFORMATION

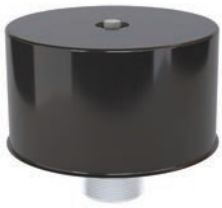
	1.	2.	3.	4.	5.
	FT	7	F03	B4	1
1. SERIES	FT				
2. SIZE	6	cover Ø48			
	7	cover Ø75			
3. FILTER MEDIA	F03	polyurethane (air filtration 3 μm)			
	F10	polyurethane (air filtration 10 μm)			
4. CONNECTION	B1	G 1/4"		FT6	
	B2	G 3/8"			
	B3	G 1/2"		FT6 - FT7	
	B4	G 3/4"		FT7	
5. PRESSURIZATION VALVE	0	no valve			
	1	0,35 bar		FT7 ONLY	
	2	0,75 bar			

OVERALL DIMENSIONS



NOMINAL SIZE

CODE	A	H1	H2	L1	M	AIR FLOW RATE NI/min Dp 0,015 barg	
FT6...B1	G 1/4"				22	250	250
FT6...B2	G 3/8"		31	48	24		
FT6...B3	G 1/2"	27			27		
FT7...B3	G 1/2"		35,5	75	27	450	550
FT7...B4	G 3/4"				32		



FB1 SERIES

Air breather filters, with replaceable filter element

TECHNICAL INFORMATION

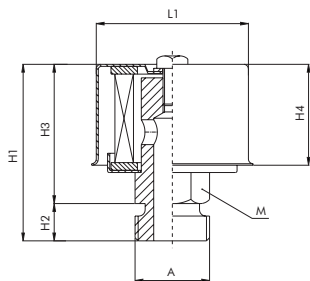
MATERIALS:	Cover: painted steel
FILTER MEDIA:	Cellulose (air filtration 3 μm)

ORDERING INFORMATION

	1.	2.	3.	4.
	FB1	10	B2	C10
SPARE ELEMENT:	B1	10	-	C10

1. SERIES	FB1
2. SIZE	10 cover Ø 48
	20 cover Ø 67
	30 cover Ø 108
3. CONNECTION	B1 G 1/4" size 10
	B2 G 3/8" size 10
	B3 G 1/2" size 20
	B4 G 3/4" size 20
	B5 G 1" size 30
4. FILTER MEDIA	C10 cellulose (air filtration 3 μm)

OVERALL DIMENSIONS



NOMINAL SIZE

CODE	A	H1	H2	H3	H4	L1	M	AIR FLOW RATE Nl/min Dp 0,015 barg
FB110	G 1/4" - 3/8"	54	9	45	32	48	14/19	250
FB120	G 1/2" - 3/4"	69	10	59	50	67	22	350
FB130	G 1"	91	15	76	61	108	34	800



FB2 SERIES

Air filters and filler breathers, with replaceable filter element

TECHNICAL INFORMATION

MATERIALS:	Housing:	polyamide PA
	Basket:	polyamide PA
	Gaskets:	NBR
FILTER MEDIA:	Cellulose (air filtration 3 μ m)	
	Glassfiber (air filtration 1 μ m)	

ORDERING INFORMATION

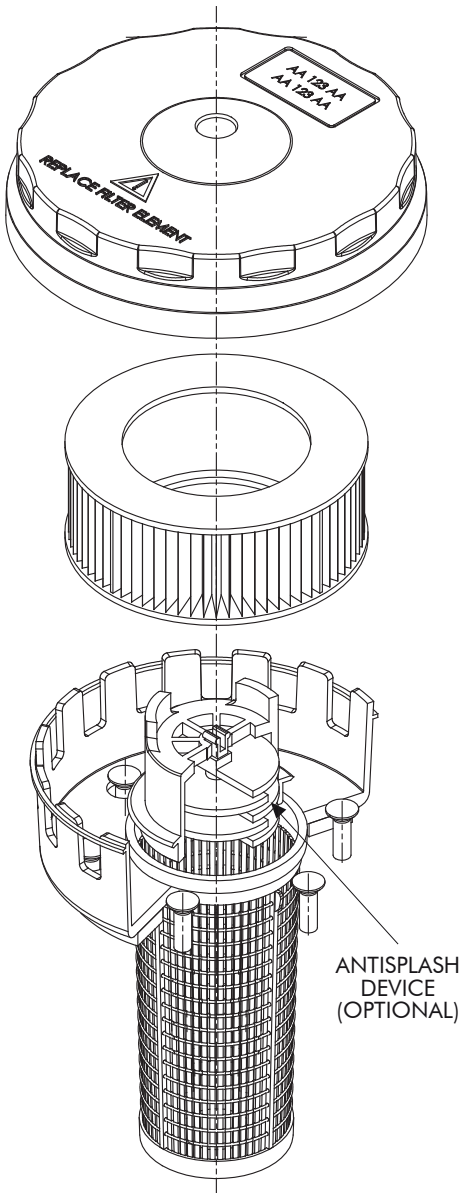
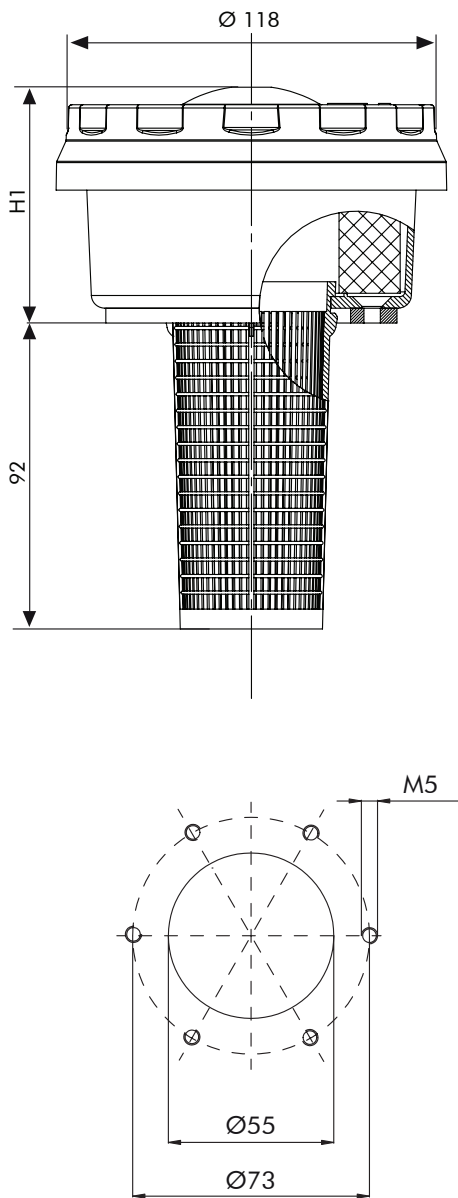
	1.	2.	3.	4.	5.
	FB2	50	D2	C10	000
SPARE ELEMENT:	B2	50	-	C10	-
1. SERIES	FB2				
2. SIZE	50	length 1			
	51	length 2			
3. MOUNTING TYPE	D2	flange, DIN 24557/2			
4. FILTER MEDIA	000	without element			
	C10	cellulose (air filtration 3 μ m)			
	G10	glassfiber (air filtration 1 μ m)			
5. OPTIONS	000	without options			

ACCESSORIES

The accessories must be ordered separately

SG 505	antisplash device for size 50
SG 515	antisplash device for size 51

OVERALL DIMENSIONS



NOMINAL SIZE

CODE	H1	AIR FLOW RATE l/min Dp 0,015 barg	
		C10	G10
FB250	46	1200	1400
FB251	74	1600	1800

When the oil tank can be subjected to strong shocks or oscillations, the optional SG device prevents oil splashes from escaping and wetting the filter element, thanks to its labyrinth system.



FA3 SERIES

Flange mounted with spin-on element

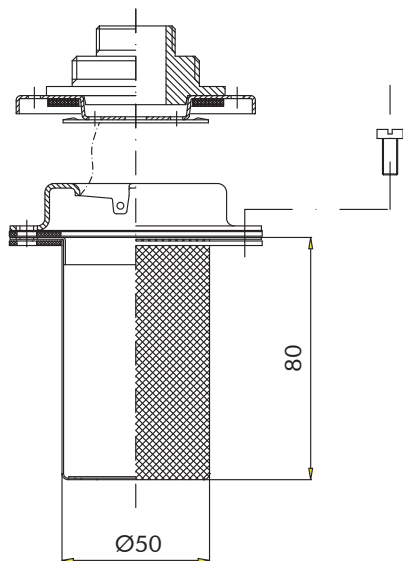
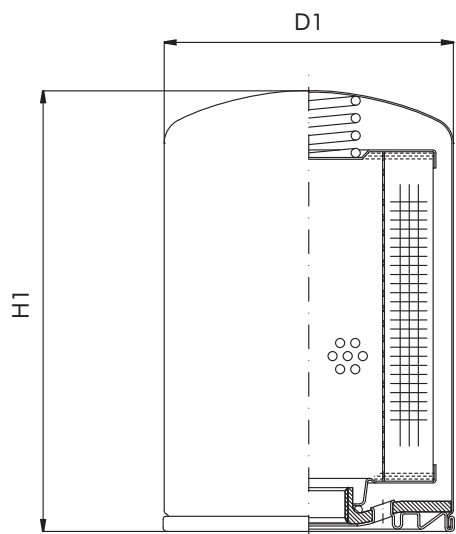
TECHNICAL INFORMATION

MATERIALS:	Canister: painted steel Flange and basket: zinc plated steel Gaskets: NBR
FILTER MEDIA:	Cellulose (air filtration 3 μm) Glassfiber (air filtration 1 μm)

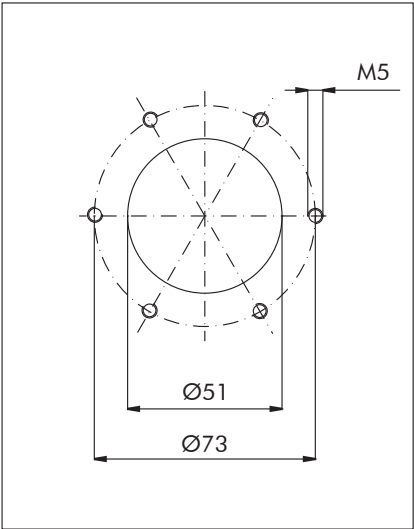
ORDERING INFORMATION

	1.	2.	3.
	FA3	20	C03
SPARE ELEMENT:	A3	20	C03
1. SERIES	FA3		
2. SIZE	WE	base assembly, without spin-on	
	10-11		
	20-21		
3. FILTER MEDIA	---	for WE only	
	C03	cellulose (air filtr. 3 μm)	
	G01	glassfiber (air filtr. 1 μm)	

OVERALL DIMENSIONS



TANK MOUNTING
PATTERN
(DIN 24557/2)



NOMINAL SIZE

CODE	D1	H1	AIR FLOW RATE NI/min Dp 0,015 barg		SPIN-ON ELEMENT
			C03	G01	
FA310	96	145	550	530	A310
FA311		213			A311
FA320	129	180	1415	1330	A320
FA321		228			A321

The air breather filters are integral part of the filtration within the hydraulic system, as they retain the environment contamination that could enter into the reservoir with the air sucked due to the oil level fluctuations during the system operation.

Our wide range of air filter and filler breathers offers the suitable solution to various requirements.

A schematic diagram of a vertical double diamond interchange. It shows a vertical line representing the main road, with two diamond-shaped overpasses crossing it. The top diamond is connected to a horizontal line representing a road. The bottom diamond is connected to a horizontal line representing a road. The two diamonds are separated by a short vertical segment.

FLUID COMPATIBILITY:
FT / FB1 / FA3 / FB2

Full with HH-HL-HM-HV (acc. To ISO 2943).
For use with other fluid please contact Filtrec Customer Service
(info@filtrec.it).

