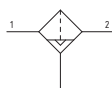
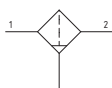


Filters (F)


- ▶ Double filter action: air flow centrifugation and filter element
- ▶ Available in 4 sizes with flow rates up to 14000 NI/min and connections from 1/8" to 1"
- ▶ Filtering cartridge made of HDPE available in three different filtration grades (5µm, 20µm, 50µm)
- ▶ Filter cartridge can be regenerated by washing / blowing it or replaced
- ▶ Bowl assembly via bayonet type quick coupling mechanism with safety button
- ▶ Semi-automatic or automatic drain
- ▶ Atex certification (II 2GD or II 3GD)
- ▶ Inlet pressures up to 20 bar

Note

In order to ensure that any fluid discharged by the auto drain assembly is adequately drained away, it is recommended you use a 6mm fitting and tube.


Technical characteristics

Technical characteristics					
Size		Size 1	Size 2	Size 3	Size 4
Body and connections type		Technopolymer body, integrated technopolymer connections (T version)			/
		Technopolymer body, metal connections (N version)			
		/	Aluminium body, integrated aluminium connections (P - L versions)		
Protection and bowl type		Technopolymer protection - PA bowl			
		Technopolymer protection - PC bowl			
		/	Metal protection - PA bowl		
			Metal protection - PC bowl		
IN / OUT connections		Metal bowl (blind metal bowl)			not available
		G1/4"	G3/8"	G1/2"	
		G1/8" - G1/4" - 1/4 NPT	G3/8" - G1/4" - 3/8 NPT	G3/8" - G1/2" - 1/2 NPT	
		G1/8" - G1/4" - 1/4 NPT	G3/8" - 1/4 NPT	G1/2" - 1/2 NPT	
Assembly configuration		Stand alone			
Assembly positions		/			Panel mounted
Filter pore size		Vertical ±5°			
		5 µm			
		20 µm			
Bowl capacity		18 cm³	34 cm³	68 cm³	90 cm³
Condensation drain		Semi-automatic			
		Automatic			
Max. fittings torque IN / OUT connections	G1" metal	/		/	35Nm
	G1/2" metal			30Nm	
	G1/4" metal	20Nm		/	
	G1/8" metal	15Nm	/		/
	G3/8" metal	25Nm			
	G1/2" technopolymer	/	/	22Nm	
	G1/4" technopolymer	9Nm			
	G3/8" technopolvmer	/	16Nm	/	

Operational characteristics

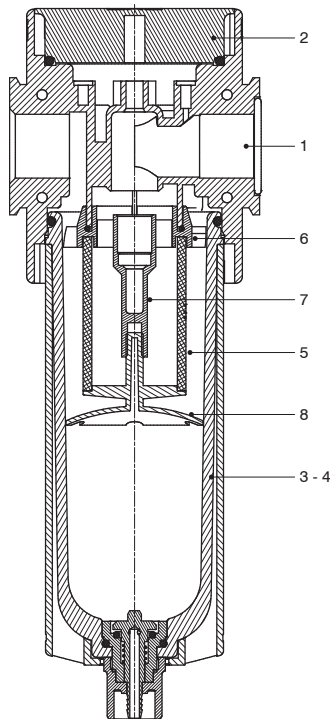
Operational characteristics								
Size	Size 1	Size 2	Size 3	Size 4	Size 1	Size 2	Size 3	Size 4
Condensation drain	Semi-automatic				Automatic			
Maximum working pressure	13 bar				10 bar			
	/	20 bar (only with body and metal bowl)				16 bar (only with body and metal bowl)		
Minimum working pressure	0,5 bar							
Working temperature	-5°C...+50°C				-5°C...+50°C			
	/	-30 °C ... + 80 °C (only for P version and metal bowl)						
	-40 °C ... + 80 °C (only for L version and metal bowl)							

Weights

Size	Size 1	Size 2	Size 3	Size 4
Fully technopolymer version	129 g	226 g	355 g	/
Technopolymer body version, aluminium bowl protection and technopolymer bowl	/	257 g	393 g	/
Technopolymer body version, aluminium bowl	/	301 g	465 g	/
Aluminium body version, technopolymer protection and bowl	/	314 g	477 g	1163 g
Aluminium body version, aluminium bowl protection and technopolymer bowl	/	344 g	514 g	1306 g
Aluminium body version and aluminium bowl	/	389 g	587 g	1330 g

Materials

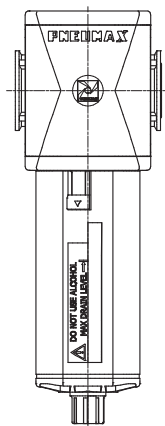
Exploded sectioned



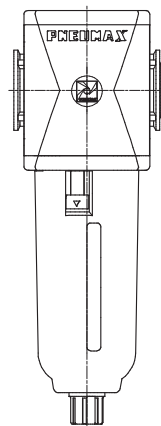
Filter		
1	Body	Polyamide Die-cast aluminium
2	Plug	Polyamide
3	Technopolymer bowl	Polycarbonate Polyamide
4	Metal bowl Bowl protection	Die-cast aluminium Polyamide - Die-cast aluminium
5	Filtering element	Polyethylene
6	Baffle	Acetal resin
7	Spool support	Acetal resin
8	Filtering element support	Acetal resin

Design

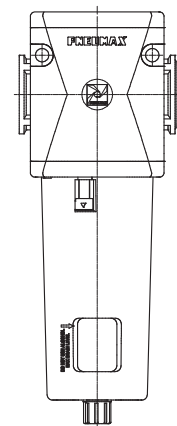
Size 1 - Size 2 - Size 3
Technopolymer protection



Size 1 - Size 2 - Size 3
Protection / Metal bowl



Size 4
All versions



Coding: **V17TFSCC**

V	VERSION	S	FILTER PORE SIZE
	N = Technopolymer body and metal inserts (not available for size 4)		A = 5 µm
	T = Technopolymer body and thread (not available for size 4)		B = 20 µm
	P = Aluminum body (not available for size 1)		C = 50 µm
	L = Aluminum body, low temperature (not available for size 1)		CONDENSATION DRAIN
T	SIZE AND CONNECTIONS	C	= Semi-automatic drain
	1A = Size 1 - G1/8" only for N version		S = Automatic drain
	1B = Size 1 - G1/4" only for T - N versions	O	BOWL OPTIONS
	1C = Size 1 - 1/4" NPT only for N version		= Technopolymer protection - PC bowl
	2A = Size 2 - G1/4" only for N version		N = Technopolymer protection - PA bowl
	2B = Size 2 - G3/8" for all versions		P = Metal protection - PC bowl (not available for size 1)
	2C = Size 2 - 3/8" NPT only for N version - 1/4" NPT only for P - L versions		R = Metal protection - PA bowl (not available for size 1)
	3A = Size 3 - G3/8" only for N version		T = Metal bowl (not available for size 1)
	3B = Size 3 - G1/2" for all versions		
	3C = Size 3 - 1/2" NPT only for N - P - L versions		
	4B = Size 4 - G1" only for P - L versions		
	4C = Size 4 - 1" NPT only for P - L versions		

Example: T173BFBST: Size 3 filter G1/2" 20 µm, automatic drain and metal bowl