

► Coalescing filters



- ▶ Coalescing filter
- ▶ Available in 4 sizes with flow rates up to 3000 NI/min and connections from 1/8" to 1"
- ▶ Filtering cartridge with filtration grade of 0,01 μm
- ▶ Filtering performances 99,97% (particles up to 0,01 μm)
- ▶ Bowls screwed to the body (Size 1)
- ▶ Bowl assembly via bayonet type quick coupling mechanism with safety button (Size 2 - Size 3 - Size 4)
- ▶ Semi-automatic or automatic drain
- ▶ Atex certification (II 2GD o II 3GD) on request



**Note**

In order to ensure the high level of filtration, it is recommended that a 5μ filter is installed before the coalescing filter. 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				
Size	Size 1	Size 2	Size 3	Size 4
Body and connections type	Zinc alloy body, Zinc alloy integrated connections Technopolymer body, metal connections	Aluminium body, integrated aluminium connections		
Protection and bowl type	Technopolymer protection - PA bowl (Size 1 available without protection)			Metal bowl with blind metal bowl
IN / OUT connections	G1/8" - G1/4"	G1/4" - G3/8"	G3/8" - G1/2", G3/4"	G1"
Assembly configuration	Stand alone Panel mounted with M4 screws	Stand alone Panel mounted with M5 screws	Stand alone Panel mounted with M6 screws	Stand alone Panel mounted with M8 screws
Assembly position	Vertical ±5°			
Filter pore size (μm)	0,01 efficiency of 99,97%			
Bowl capacity (cm³)	20	30	48	178
Condensation drain	Semi-automatic Automatic			
Max. fittings torque IN / OUT connections	G1/8" metal: 15 G1/4" metal: 20	G1/4" metal: 20 G3/8" metal: 25	G3/8" metal: 25 G1/2" metal: 30 G3/4" metal: 35	G1" metal: 35

Operational characteristics								
Size	Size 1	Size 2	Size 3	Size 4	Size 1	Size 2	Size 3	Size 4
Condensation drain	Semi-automatic condensation drain				Automatic condensation drain			
Maximum working pressure (bar)	13				10			
Minimum working pressure (bar)	0,5							
Working temperature (°C)	-5 ... +50							

Weights				
Size	Size 1	Size 2	Size 3	Size 4
Zinc alloy body version (g)	225	/	/	/
Technopolymer body version (g)	110	/	/	/
Aluminium body version (g)	/	255	405	1700



**Order codes**

17 308A . E . S

Size, body and connections	
008A	Zinc alloy body, connections G1/8" (only for size 1)
008B	Zinc alloy body, connections G1/4" (only for size 1)
108A	Technopolymer body, connections G1/8" (only for size 1)
108B	Technopolymer body, connections G1/4" (only for size 1)
208A	Aluminium body, connections G1/4" (only for size 2)
208B	Aluminium body, connections G3/8" (only for size 2)
308A	Aluminium body, connections G3/8" (only for size 3)
308B	Aluminium body, connections G1/2" (only for size 3)
308E	Aluminium body, connections G3/4" (only for size 3)
408B	Aluminium body, connections G1" (only for size 4)

Filter efficiency	
E	0,01 µm, efficiency of 99,97%

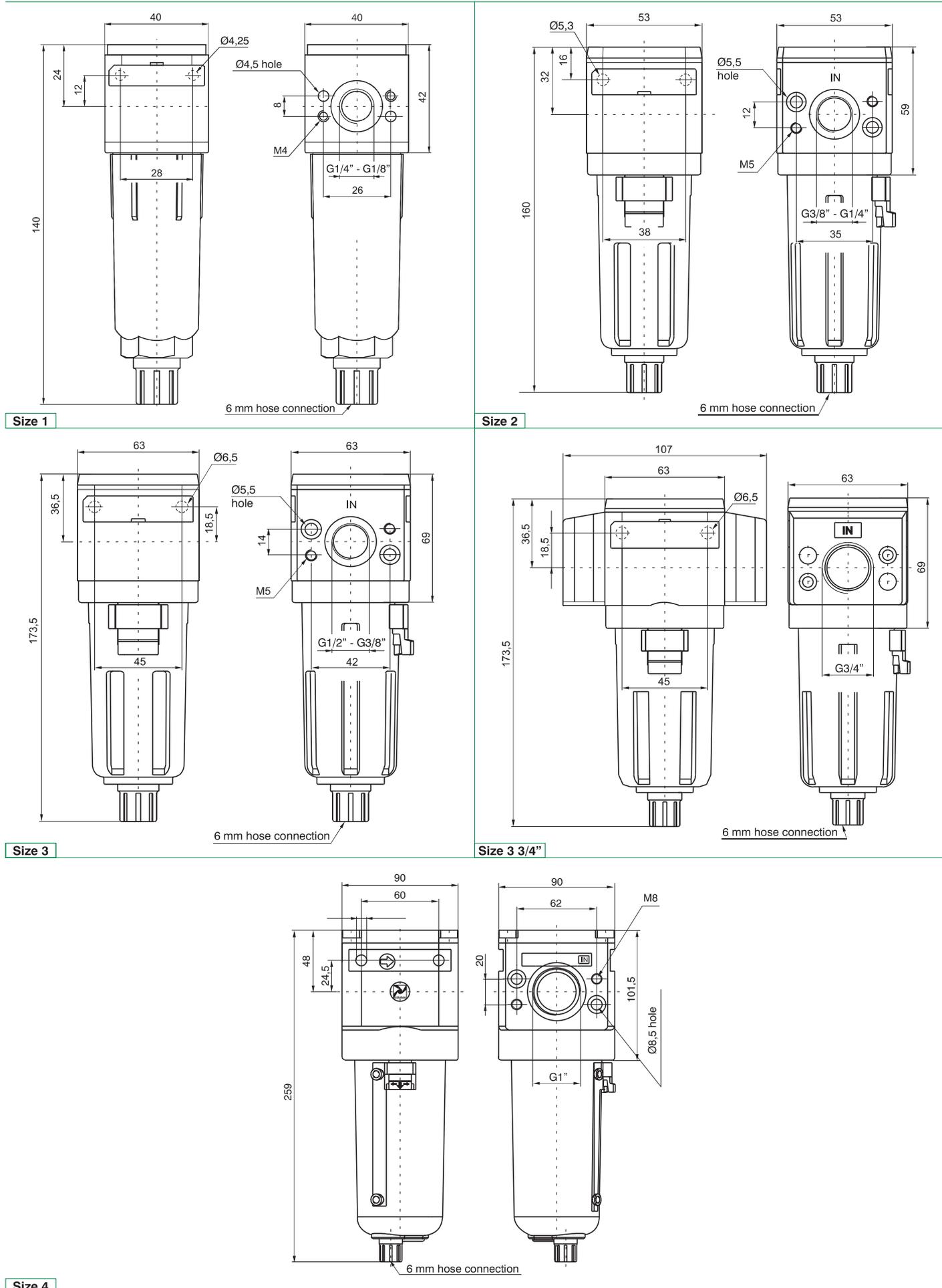
Type	
P	Bowl protection (only for size 1)
S	Automatic drain (for all sizes)
PS	Bowl protection and automatic drain (only for size 1)

**Example: 17308A.E.S**

Size 3 coalescing filter, aluminium body, G3/8" connections, filter efficiency of 99,97%, automatic drain

2 AIR TREATMENT

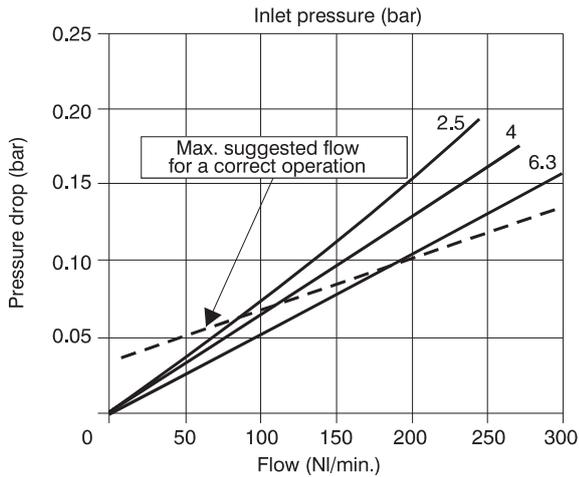
Dimensions





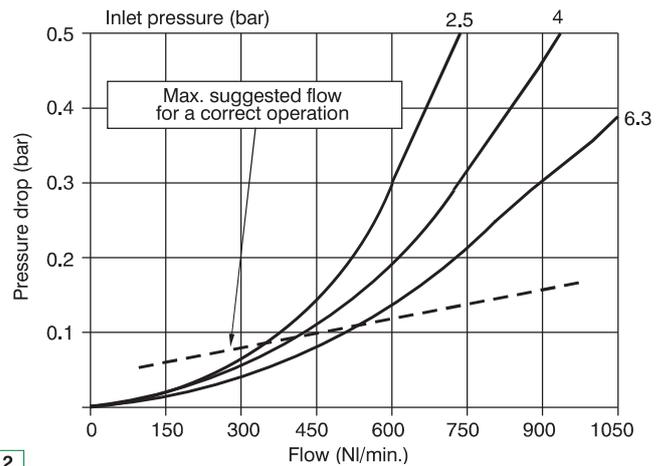
**Characteristic curves**

Flow rate curves



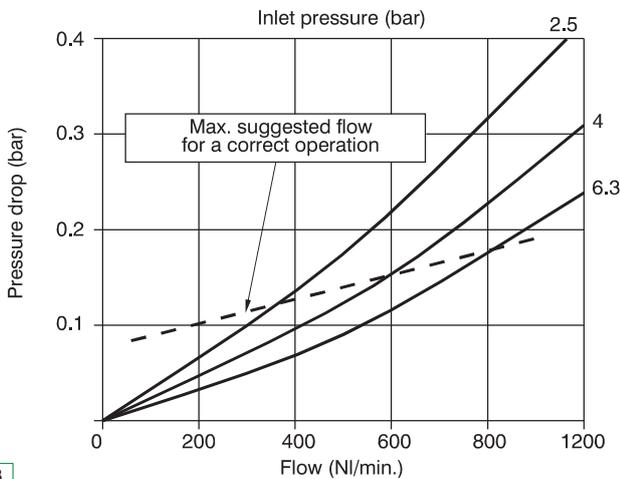
Size 1

Flow rate curves



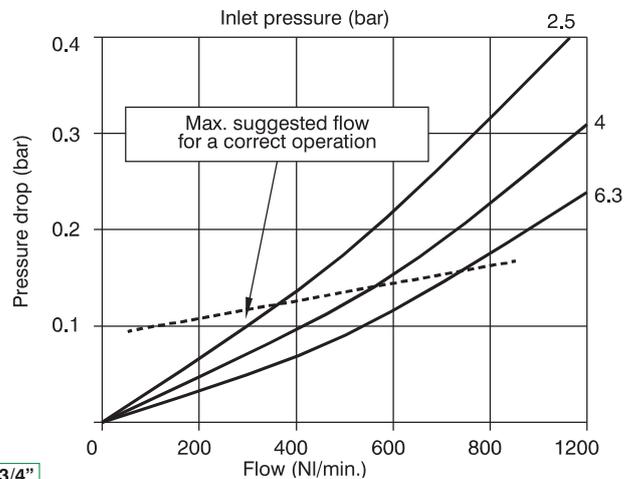
Size 2

Flow rate curves



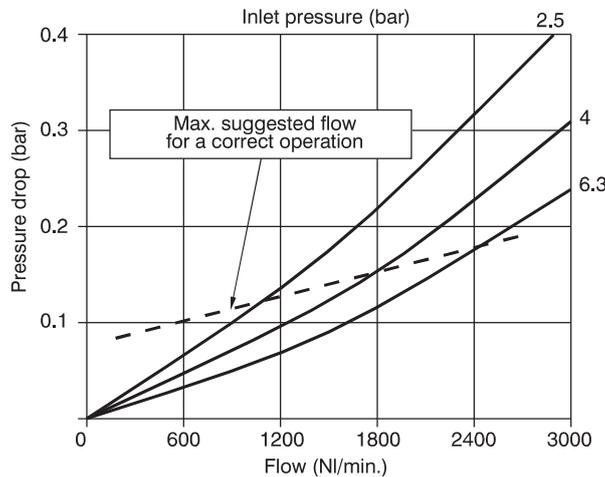
Size 3

Flow rate curves



Size 3 3/4"

Flow rate curves



Size 4

2 AIR TREATMENT