

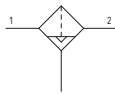
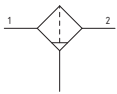
Filters

2

AIR TREATMENT



- ▶ Double filter action: air flow centrifugation and filter element
- ▶ Available in 4 sizes with flow rates up to 10000 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
- ▶ 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 condensation drain
- ▶ Atex certification (II 2GD o II 3GD) on request

**Note**

In order to ensure that any fluid discharged by the auto drain assembly is adequately drained away, it is recommended you to 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 $\pm 5^\circ$			
Filter pore size (µm)	5 / 20 / 50			
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)	218	/	/	/
Technopolymer body version (g)	103	/	/	/
Aluminium body version (g)	/	255	405	1700



Order codes

17 301A . A . S

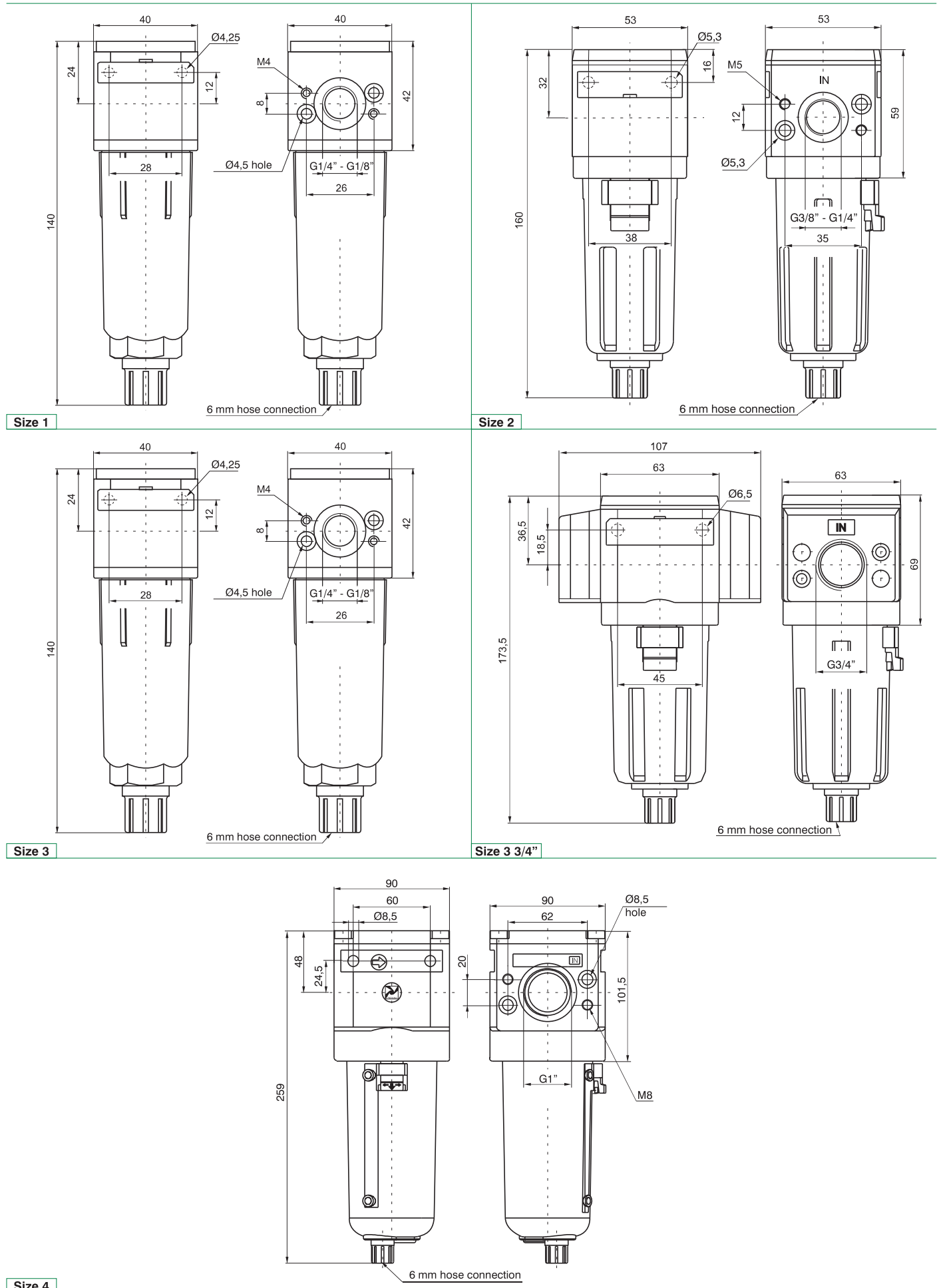
Size, body and connections	
001A	Zinc alloy body, connections G1/8" (only for size 1)
001B	Zinc alloy body, connections G1/4" (only for size 1)
101A	Technopolymer body, connections G1/8" (only for size 1)
101B	Technopolymer body, connections G1/4" (only for size 1)
201A	Aluminium body, connections G1/4" (only for size 2)
201B	Aluminium body, connections G3/8" (only for size 2)
301A	Aluminium body, connections G3/8" (only for size 3)
301B	Aluminium body, connections G1/2" (only for size 3)
301E	Aluminium body, connections G3/4" (only for size 3)
401B	Aluminium body, connections G1" (only for size 4)

Filter pore size	
A	5 µm
B	20 µm
C	50 µm

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: 17301A.A.S
Size 3 filter, aluminium body, G3/8" connections, filter pore size5 µm, automatic drain

Dimensions



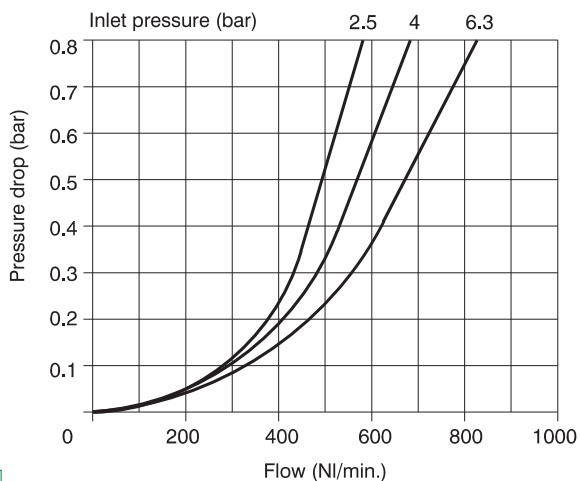
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AIR TREATMENT



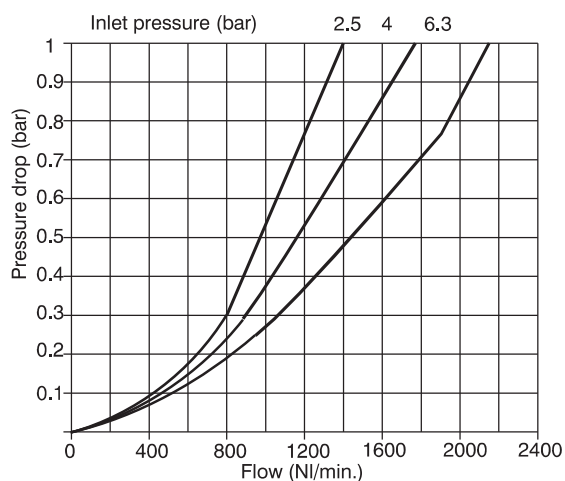
Characteristic curves

Flow rate curves



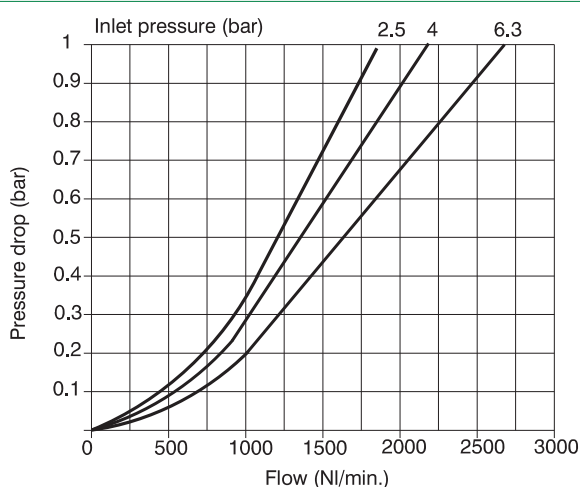
Size 1

Flow rate curves



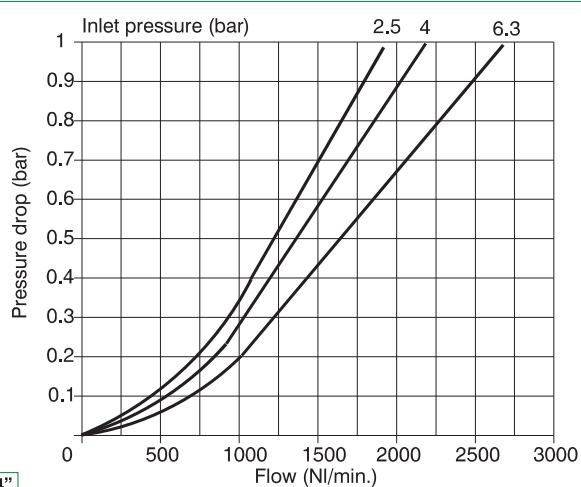
Size 2

Flow rate curves



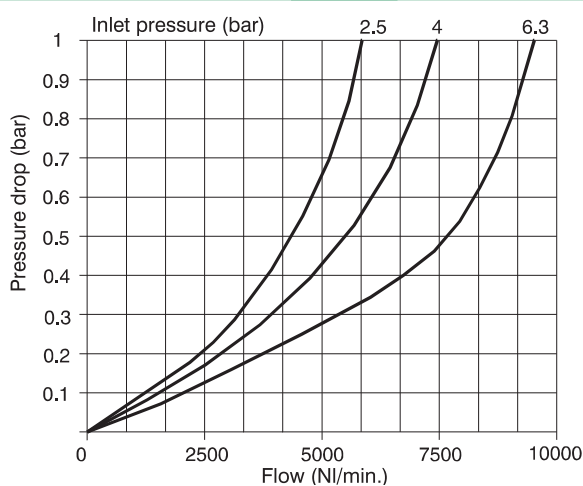
Size 3

Flow rate curves



Size 3 3/4"

Flow rate curves



Size 4