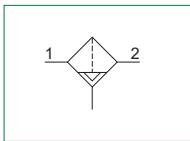
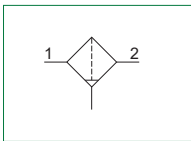




- ▶ Double filter action: air flow centrifugation and filter element
- ▶ Available in 4 sizes with flow rates up to 10000 NI/min and connections from 1/8" to 1"
- ▶ Filtering cartridge made of HDPE available in three different filtration grades (5µm, 20µm, 50µm)
- ▶ Filter cartridge can be regenerated 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

AIR TREATMENT


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 ±5°			
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
	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

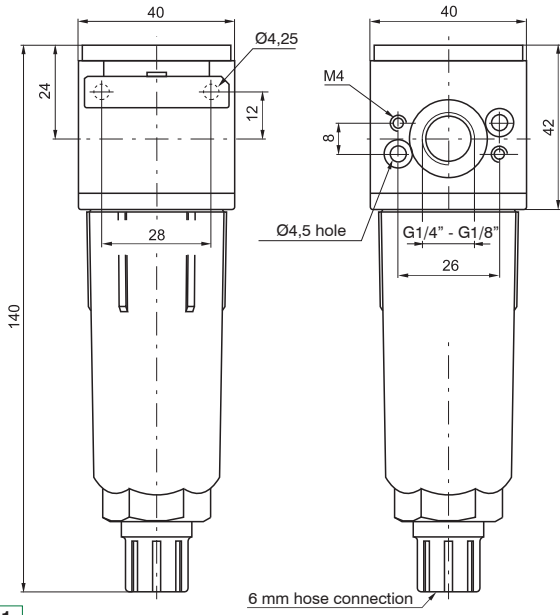
P : Bowl protection (only for size 1)
S : Automatic drain (for all sizes)
PS : Bowl protection and automatic drain (only for size 1)

Example: 17301A.A.S

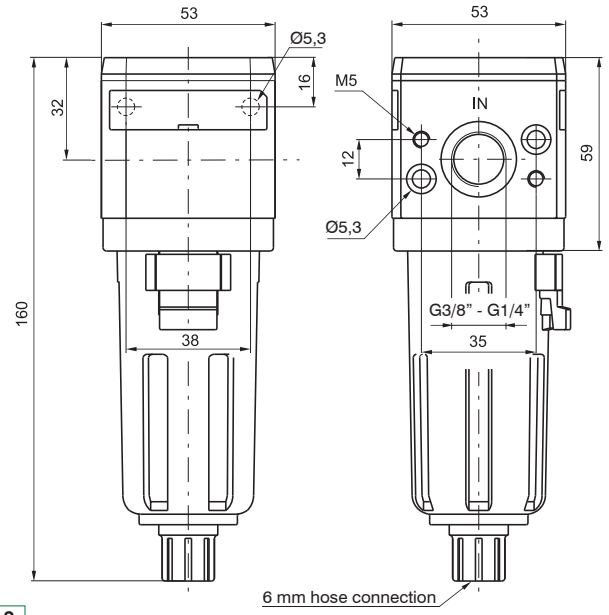
Size 3 filter, aluminium body, G3/8" connections, filter pore size 5 µm, automatic drain

Dimensions

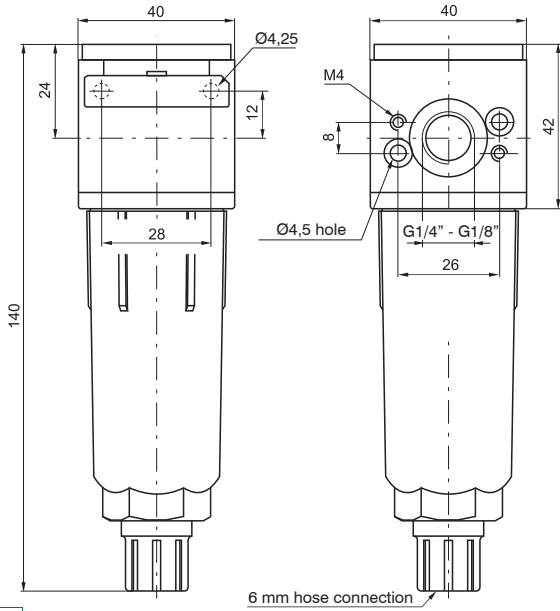
2
AIR TREATMENT



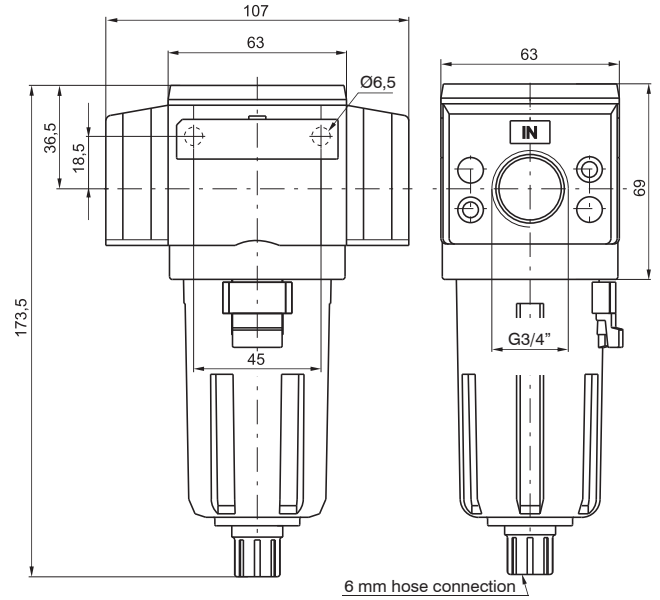
Size 1



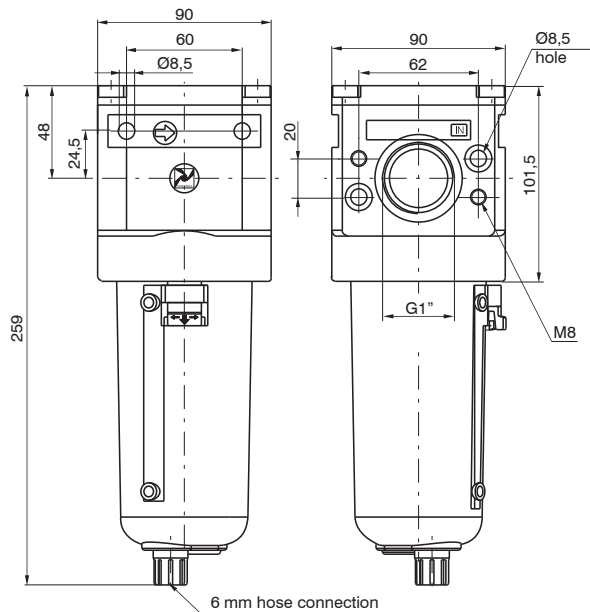
Size 2



Size 3



Size 3 3/4"

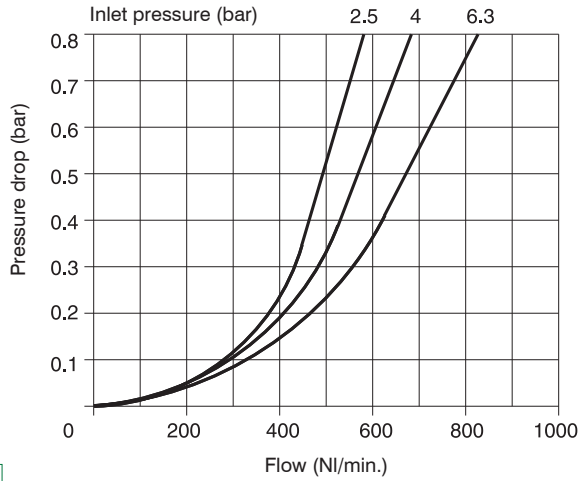


Size 4



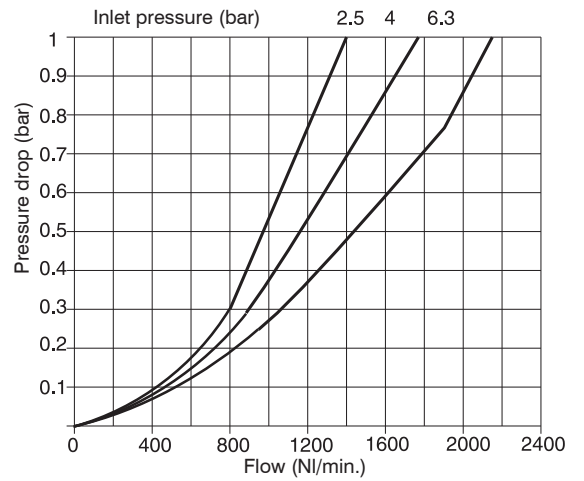
Characteristic curves

Flow rate curves



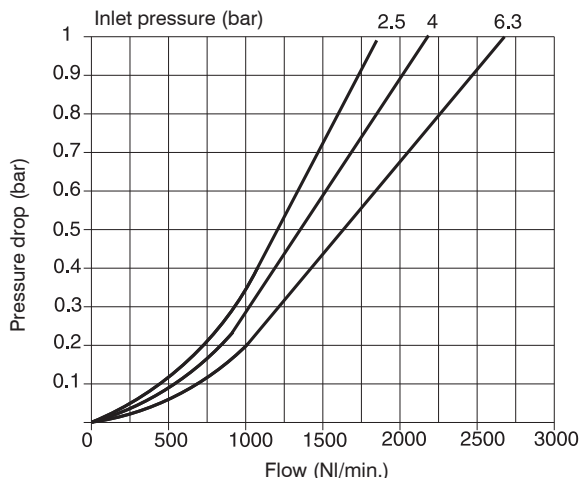
Size 1

Flow rate curves



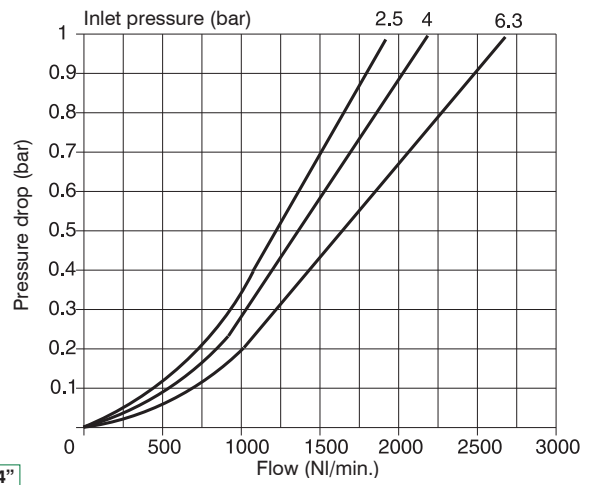
Size 2

Flow rate curves



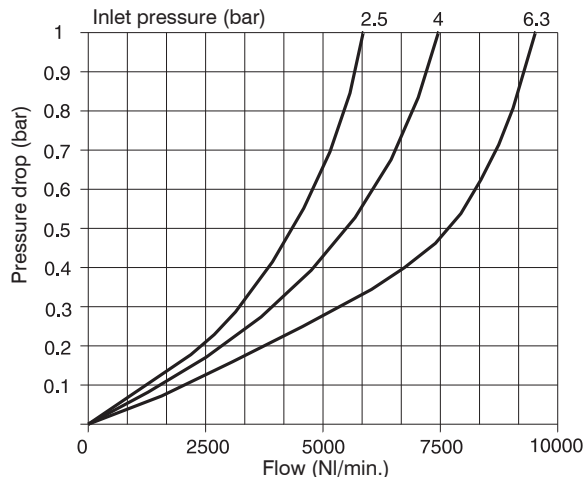
Size 3

Flow rate curves



Size 3 3/4"

Flow rate curves



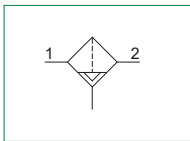
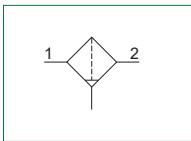
Size 4

► **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

2 AIR TREATMENT



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
	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%

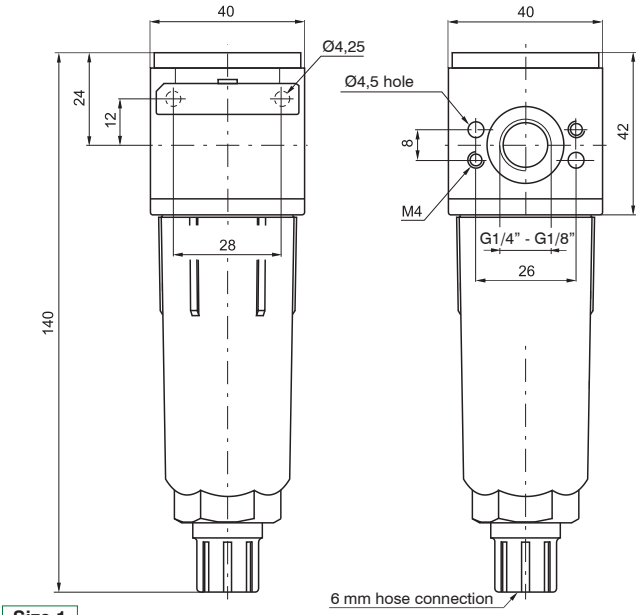
Type
P : Bowl protection (only for size 1)
S : Automatic drain (for all sizes)
PS : Bowl protection and automatic drain (only for size 1)

Example: 17308A.E.S

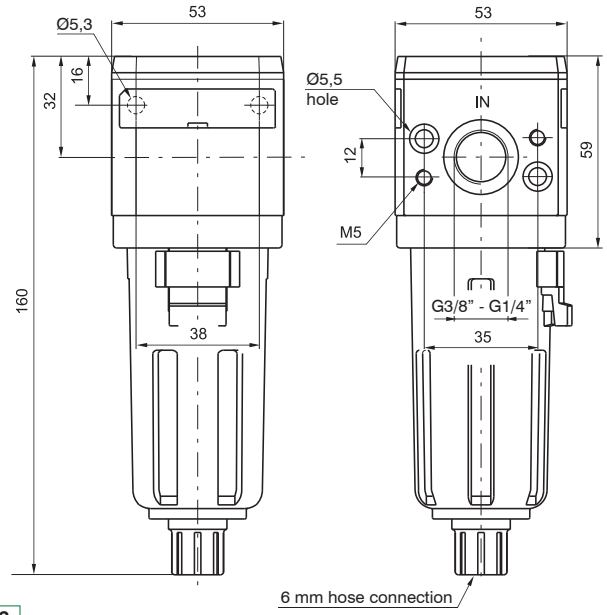
Size 3 coalescing filter, aluminium body, G3/8" connections, filter efficiency of 99,97%, automatic drain

Dimensions

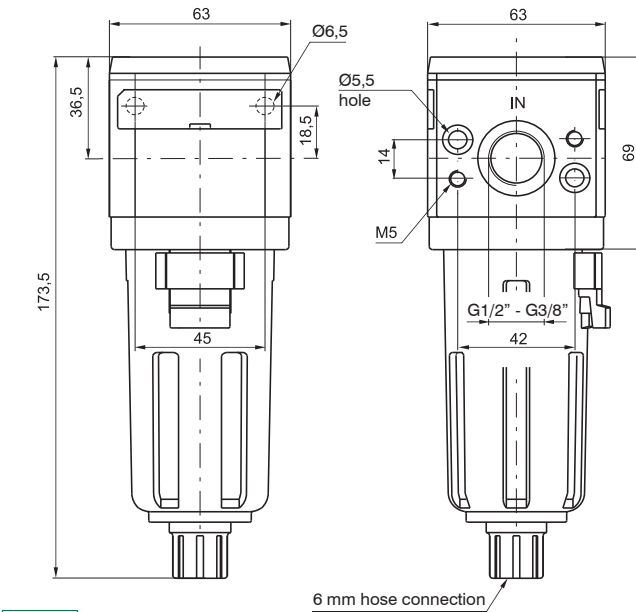
2
AIR TREATMENT



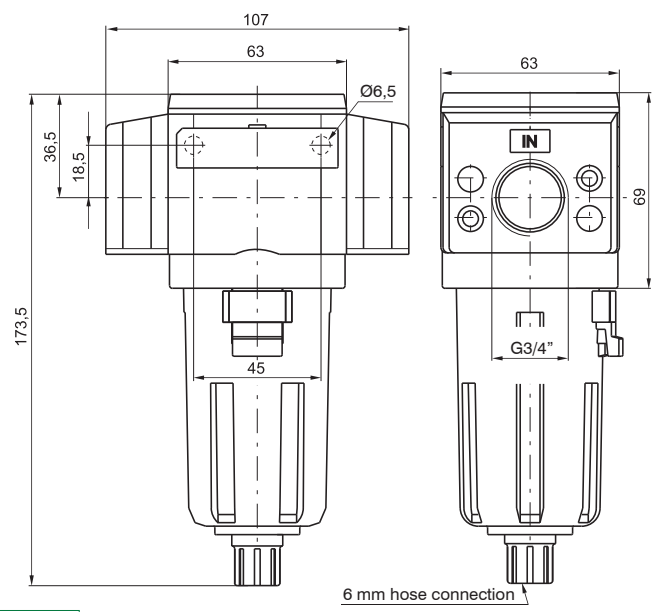
Size 1



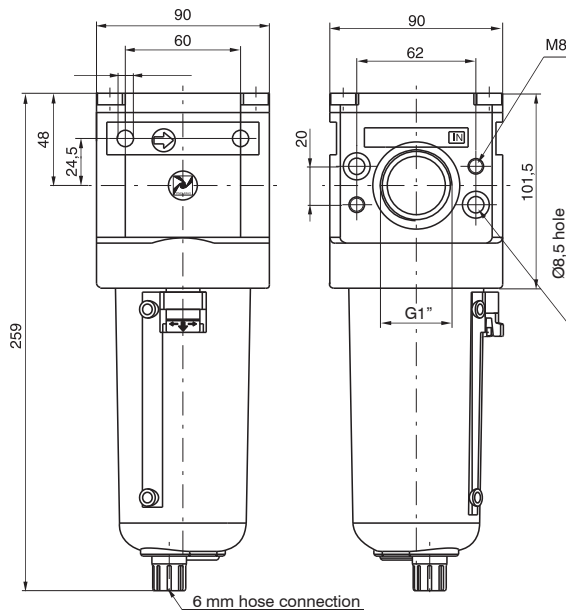
Size 2



Size 3



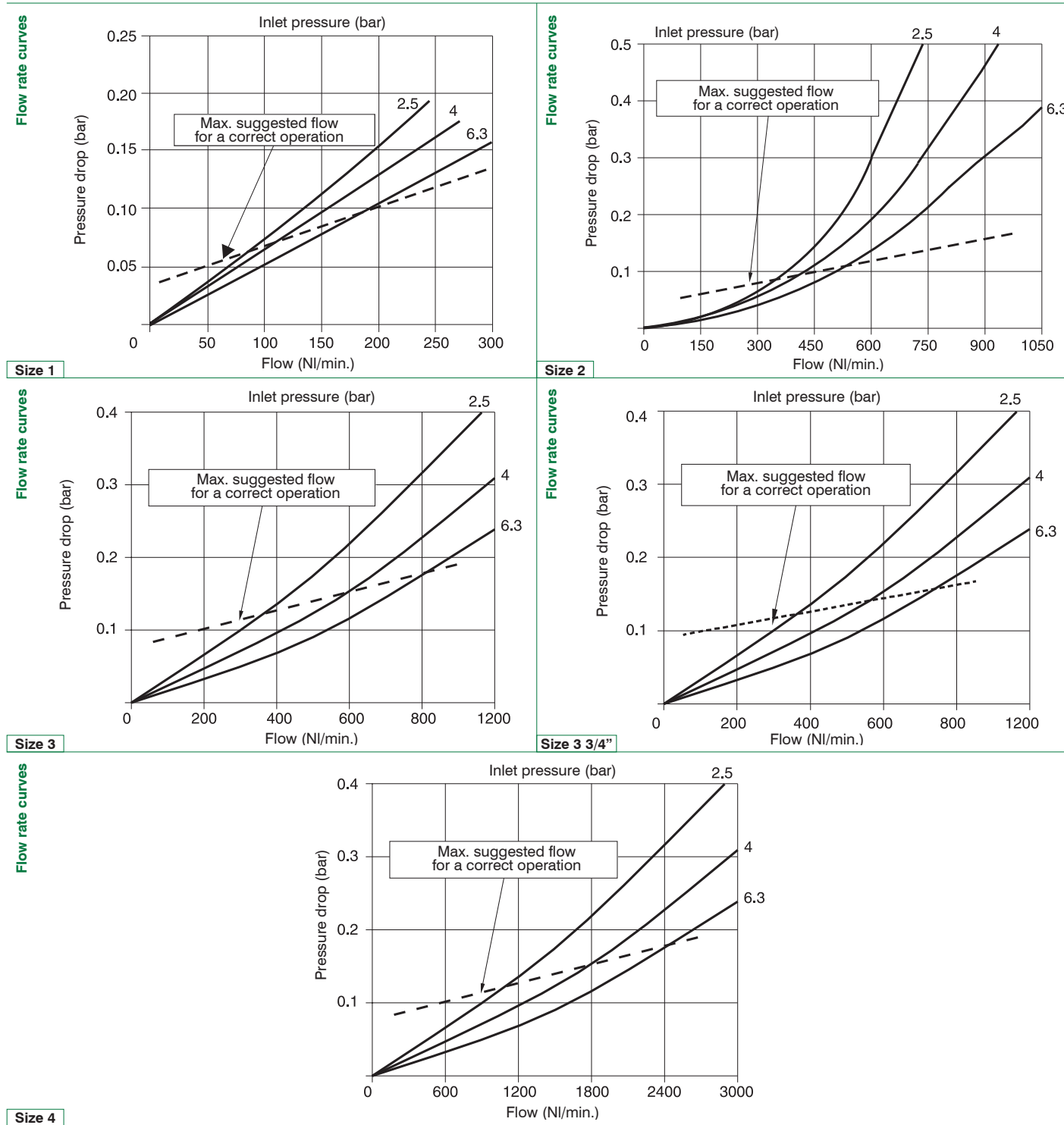
Size 3 3/4"



Size 4



Characteristic curves



2

AIR TREATMENT

► **Dynamic drier**



- ▶ Aluminium body
- ▶ Wall mounting possibility with M8 screws
- ▶ 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
- ▶ With blind metal bowl
- ▶ Bowl assembly via bayonet type quick coupling mechanism with safety button
- ▶ Automatic condensation drain

2
AIR TREATMENT

Technical characteristics	Size
	Size 4
Body and connections type	Aluminium body with integrated aluminium connections
Protection and bowl type	Metal bowl with blind metal bowl
IN / OUT connections	G1"
Assembly configuration	Stand alone Panel mounted with M8 screws
Assembly position	Vertical ±5°
Filter pore size (µm)	5 / 20 / 50
Filter efficiency at flow rate 1500 NI/min	96,00%
Bowl capacity (cm³)	160
Condensation drain	Automatic
Max. fittings torque IN / OUT connections	G1"metal: 35

Operational characteristics	Size
	Size 4
	Automatic condensation drain
Maximum working pressure (bar)	13
Minimum working pressure (bar)	0,5
Nominal flow rate at 6 bar with Δp=1 (NI/min)	2500
Working temperature (°C)	-5 ÷ +50

Weights	Size
	Size 4
Aluminium body version (g)	1700

Order codes

17 40EB . A . S

Size, body and connections

40EB : Aluminium body, connections G1" (only for size 4)

Filter pore size

A : 5 µm

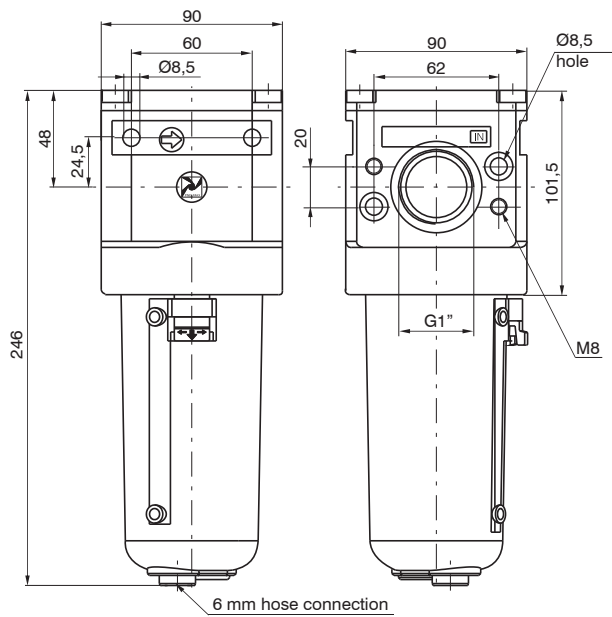
B : 20 µm

C : 50 µm

Example: 1740EB.A.S

Dynamic direr Size 4, aluminium body, G1" connections, filter pore size 5 µm

Dimensions



Size 4