

- Large selection of filtering capacities to remove particulate and water droplets from compressed air or inert gas
- Sintered polyethylene elements include 5 and 25 Microns
- Optional extended temperature range of -40°C to +80°C
- Innovative two position plastic drain with manual and semi-automatic functions. Additional drains include an automatic style (brass) and manual (stainless steel)
- Polycarbonate and Aluminium bowls with or without glass gauge, to meet industry and application requirements
- Threaded ports allow for individual or modular mounting
- Air Purity Class according to ISO 8573-1: 2010



Performance Data			
Port sizes		1/4, 3/8, 1/2	
Thread type		G (NPTF in option)	
Nominal flow - ISO Standard		Micron Rating	l/min
	1/4	5 µm	2024
		25 µm	2550
		40 µm	2640
	3/8	5 µm	2185
		25 µm	3390
		40 µm	3870
	1/2	5 µm	2290
		25 µm	3700
		40 µm	4370
Maximum inlet pressure (bar)		Polycarbonate bowl	16
		Aluminium bowl	16
Ambient temperature range (°C)		-20 to +50	
Fluid temperature range (°C)		-20 to +50	
Fluid		air or inert gas	
Weight (kg)		Polycarbonate bowl	0,426
		Aluminium bowl	0,553

Materials in contact with fluid	
Body	Aluminium
Body covers	Polyamide
Seals	NBR
Filter element	Sintered polyethylene
Bowl	Polycarbonate or aluminium

Air Purity Class - ISO 8573-1: 2010*	
5 µm	(5:8:4)
25 µm	(6:8:4)
40 µm	(7:8:4)

* Maximum flow at 6.3 bar inlet pressure to maintain air purity class is 566 l/min.

HOW TO ORDER

Particulate Filter

G 652 A B B P 4 J A00 0 N

Thread connection
G = ISO 228/1-G*
8 = NPTF

Product series
652


Revision letter
A

Product type
B = Filter - Particulate

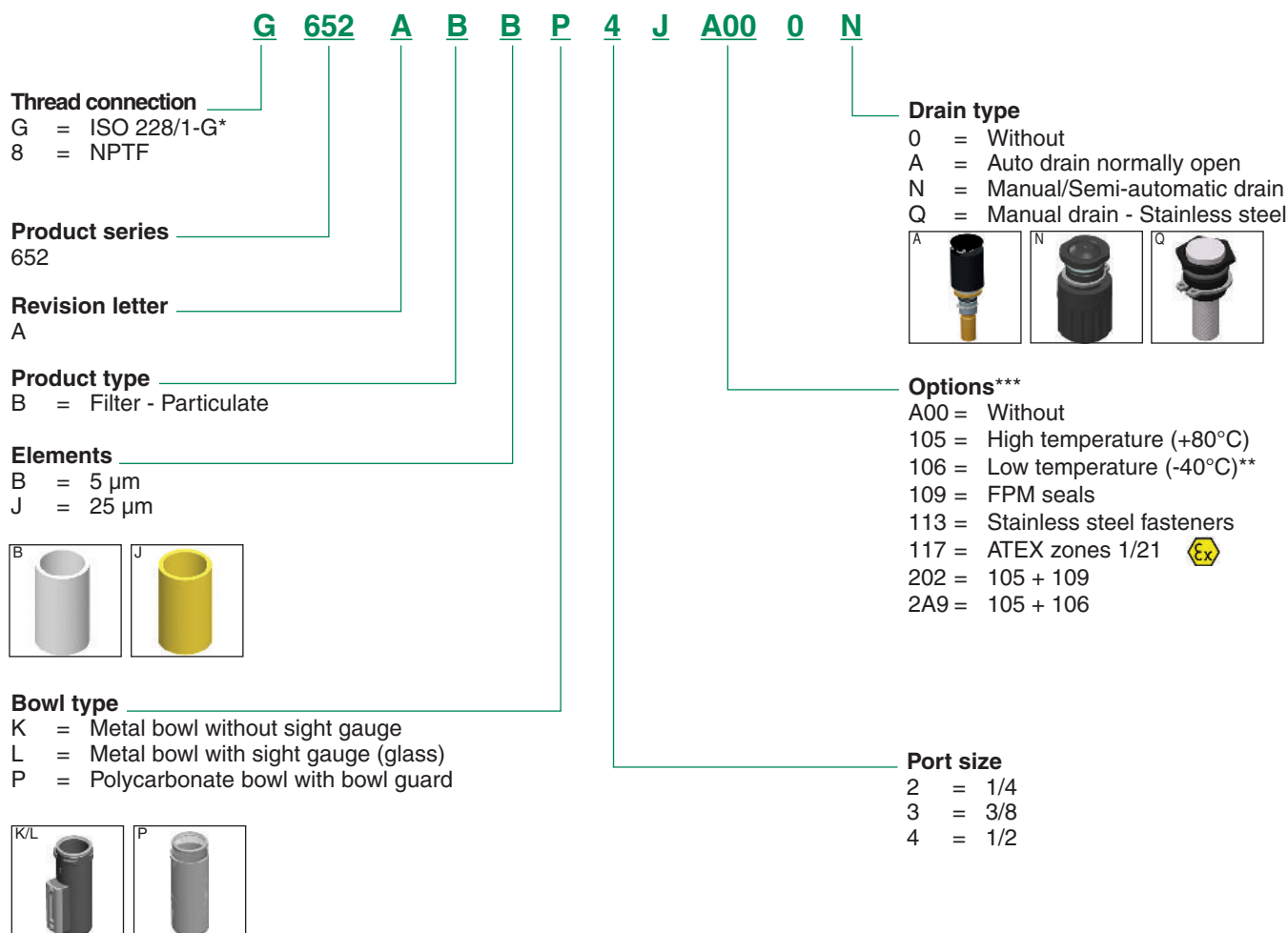
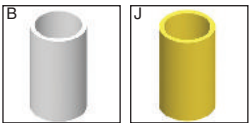
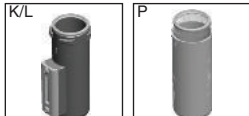

Elements
B = 5 µm
J = 25 µm

Bowl type
K = Metal bowl without sight gauge
L = Metal bowl with sight gauge (glass)
P = Polycarbonate bowl with bowl guard

Drain type
0 = Without
A = Auto drain normally open
N = Manual/Semi-automatic drain
Q = Manual drain - Stainless steel

Options***
A00 = Without
105 = High temperature (+80°C)
106 = Low temperature (-40°C)**
109 = FPM seals
113 = Stainless steel fasteners
117 = ATEX zones 1/21 
202 = 105 + 109
2A9 = 105 + 106

Port size
2 = 1/4
3 = 3/8
4 = 1/2

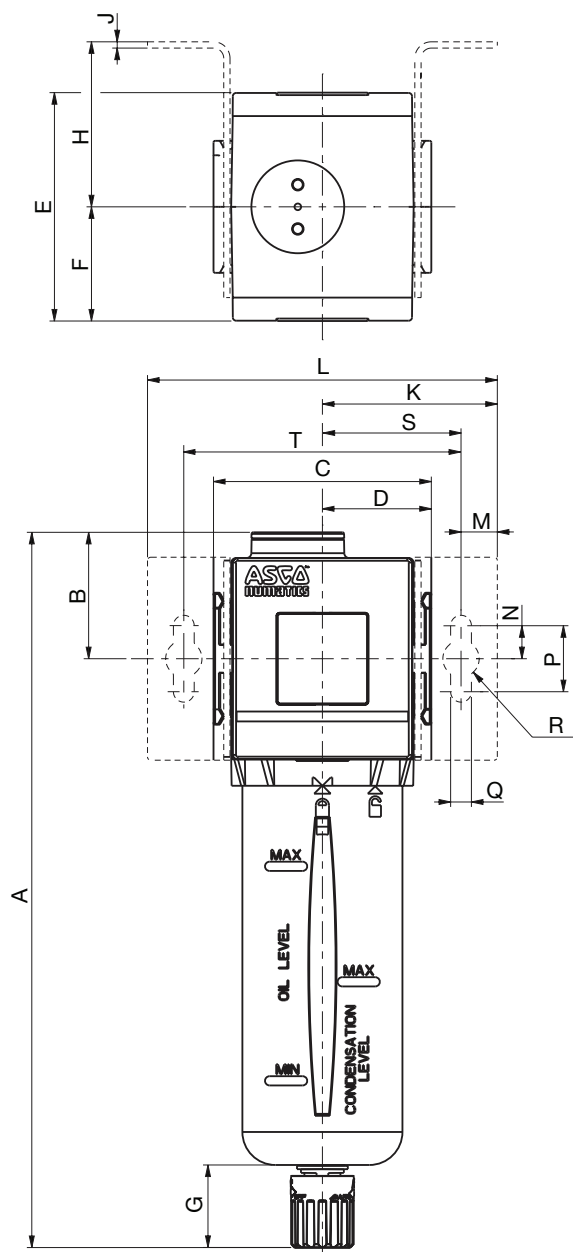
* Conforms to ISO standards 1179-1

** Compressed air must be dry enough so no ice formation is present on the product.
All bowls should be emptied prior to ambient temperatures dropping below 0°C.

*** If multiple options are required, please use the on-line CAD configurator on the website to generate the part number (www.asconumatics.eu).

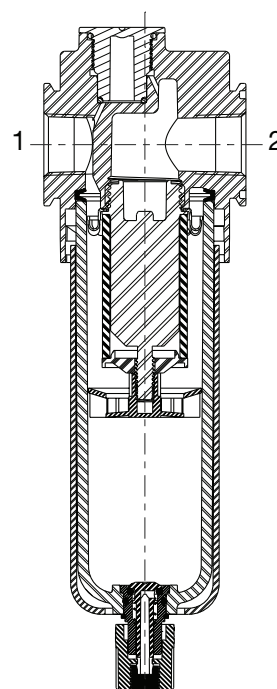
Dimensions: mm

Dimensional Drawing - 652 Series Particulate Filter



A	B	C	D	E	F	G	H	J
217	38,3	66	33	69	34,5	25	50	1,9
K	L	M	N	P	Q	R	S	T
53	106	11	10	20	6,3	5,5	41,75	83,5

Cross Section - 652 Series Particulate Filter



To remove bowl allow 75 mm from the bottom of the bowl.