

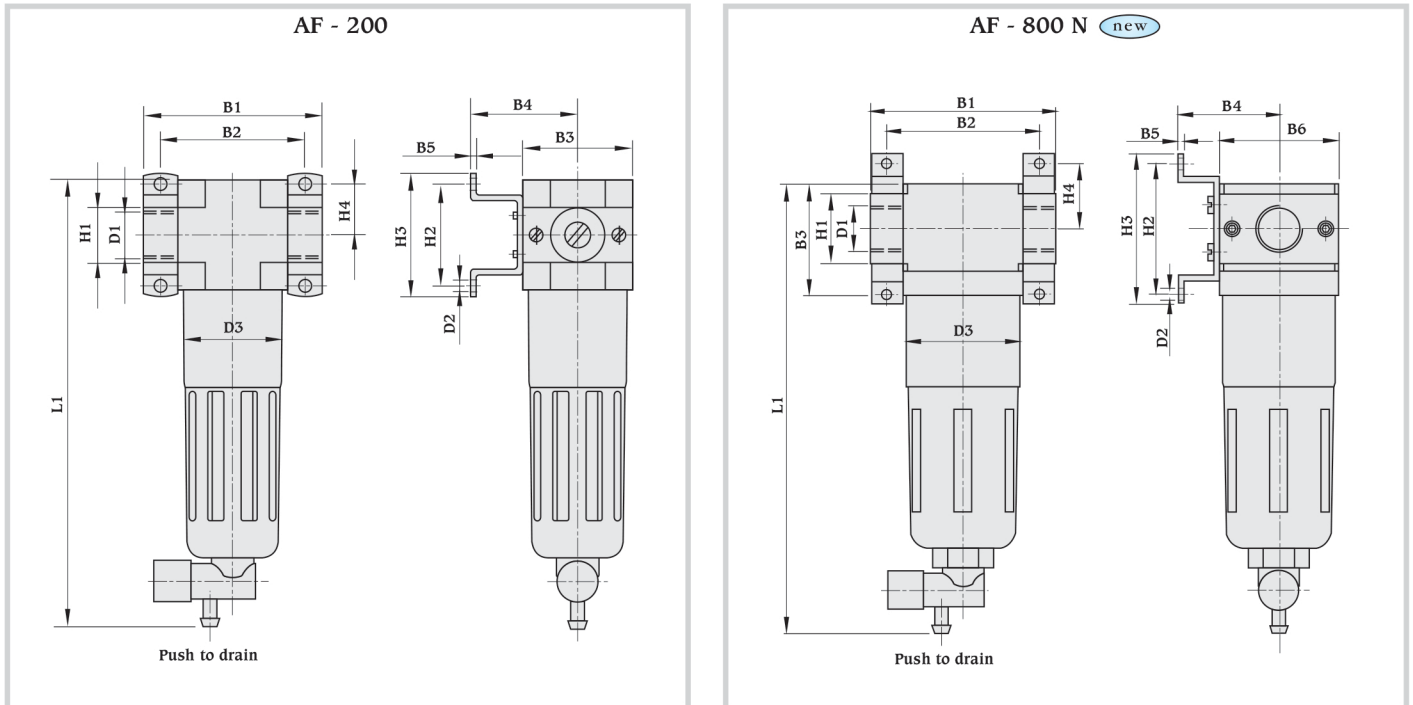


To remove liquid and solid impurities, the air enters the bowl through the water separator and sets up a centrifugal flow pattern that forces the liquid on the inside wall of the filter bowl. From here, the condensate liquid runs down into the bottom of the bowl where it is trapped by the baffle to prevent air turbulence from carrying condensate back into the air system.

Accumulated liquid and solid impurities are blown out of the bowl by simply opening the drain. All the air which

leaves the bowl on its way to the pipeline must pass through the filter element which removes the solid from the remaining air. The filter has a sintered bronze filtering element for filtering dust particles from the compressed air. A specially designed water separator is provided for moisture separation. A standard 40 micron filter element can easily be replaced by a 5 micron filter element for special applications. Draining is easily done by opening the drain cock.

### Basic Dimensions



All dimensions in mm unless otherwise specified

Type	B1	B2	B3	B4	B5	B6	D1 BSP	D2 Dia.	D3 Dia.	H1	H2	H3	H4	L1
AF-200	64	52	40	40.0	2	- -	1/4"	4.2	37	20	35	42	17.5	151.5
AF-800 N	85	70	51	46.5	3	55	1/2"	5.5	52	32	60	69	30.0	203.0

Specifications	AF - 200	AF - 800 N
Medium	Compressed air	
Design	Sintered Filter with double diverter vane	
Mounting	Line mounting or mounting bracket	
Port size	1/4" BSP	1/2" BSP
Installation position	Vertical $\pm 5^\circ$	
Standard nominal flow rate*	1200 lit. / min.	3000 lit. / min.
Maximum operating pressure	16 bar	16 bar
Filter rating	40 $\mu$ standard (Optional 1,2,5,10,25,50,100)	
Condensate capacity	22 ml	43 ml
Temperature range	-10 $^\circ$ C to +60 $^\circ$ C	
Material	Housing and Connecting plates - Aluminium Filter bowl - Polycarbonate, Seal - Nitrile	

\*With 10 bar primary pressure, a working pressure of 6 bar, pressure drop of 1 bar.

Note : Subject to change without prior notice

