



Commercial & Industrial Bag Filters

Purion Product Guide

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Please note: Images in this product guide may vary and are a representation only. If you have any questions, please contact us for further information.

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Bag Filters

304 & 316 Stainless Steel



COMMERCIAL & INDUSTRIAL #2 BAG FILTERS

**BAG CLAMP & SWING BOLT CLOSURES
ACCEPTS #2 SIZE (7" x 32" FILTER BAGS**



BAND CLAMP
LID CLOSURE



SWING BOLT
LID CLOSURE

SPECIFICATION	Model			
	WTBFH2 -304SS-CC	WTBFH2 -316SS-CC	WTBFH2 -304SS-SB	WTBFH2 -316SS-SB
Material	304SS	316LSS	304SS	316SS
Closure	Band Clamp		Swing Bolt	
Number of Bags	1			
Bag Size	#2 (7" x 32") - (178mm x 813mm)			
Perforated Basket Bag Support	304SS	316LSS	304SS	316SS
Outside Finishing	Mirror Polish			
Inlet/Outlet	50mm FBSP	2" ANSI150 6" Flange 4 bolt, 0.75" holes 4.75" PCD	50mm FBSP	2" ANSI150 6" Flange 4 bolt, 0.75" holes 4.75" PCD
Vent & Gauge	Supplied with 1/4" vent valve, pressure gauge and fittings			
Filter Base	Stainless Steel, adjustable height, 3 Leg - bolt down			
Overall Height	Adjustable from 1350 to 1500mm			
Filter Body Length	1200mm			
Footprint Diameter	350mm			
Operating Pressure	7.0 bar		10.0 bar	

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Bag Filters - C&I Bag Series

Polypropylene & UPVC



C&I BAG SERIES

POLYPROPYLENE AND UPVC CONSTRUCTION, BAND CLAMP & SWING BOLT CLOSURES, COMMERCIAL & INDUSTRIAL BAG FILTERS

High flow filtration for the removal of sediment, iron precipitate, rust and heavy organics. Plastic construction for chemical resistance. Ideal for filtering paints, glues, process waters and a wide range of chemicals.



SPECIFICATION	MODEL X100
Material	Polyethylene
Closure	Screw-on lid with lugs
Number of Bags	1
Micron Rating	1 up to 800
Flow Rates	up to 18m ³ /hour
Inlet/Outlet	2" FBSP
Vent & Drain	1/4"
Operating Pressure (Max.)	7 bar
Bag Size	150mm x 550mm



SPECIFICATION	MODEL BFHU2SB
Material	UPVC
Closure	Swing Bolt
Number of Bags	1
Flow Rates	Up to 40 m ³ /hour
Finishing	PVC
Inlet/Outlet	2" BSPT Female
Vent & Drain	1/4"
Operating Pressure (Max.)	6 bar
Bag Size	No.2 (7"x 32")

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Bag Filters - 7HP Cartridge Series

304 & 316 Stainless Steel



7HP CARTRIDGE SERIES

304 & 316 STAINLESS STEEL CONSTRUCTION, SWING BOLT CLOSURES, COMMERCIAL & INDUSTRIAL BAG FILTERS

7HP CARTRIDGE SERIES

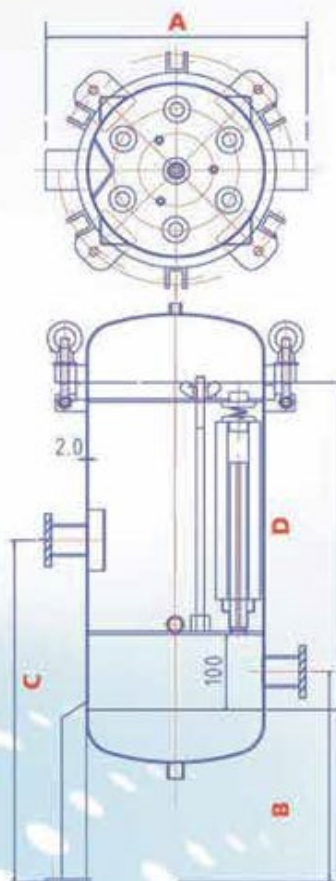


FEATURES

- **304 or 316 Stainless Steel:**
Non coded housings. Rated to 10barG @ 110°C
- **Easy to Operate:**
Six M12 Swing bolts secure the heavy duty top cover in place
- **Simple Installation:**
2" ANSI flanged ports as standard. Provided with legs
- **Universal Fit:**
Suits standard DOE or Code G 65mm diameter cartridges
- **Minimal Pressure Drops:**
Allow 10kPa for housing at max rated flow for water
- **Wide Range of Liquid Applications:**
Fine Chemicals, Water Treatment, Pre-RO, Beverages

The 7HP all stainless steel filter housings are designed for environments where the unit will be opened frequently or where water pressure is greater than 7barG. With a sandblast finish, the 7HP is a robust yet economical answer to many filtration applications.

Options include Pressure gauges and vent valves. Buna or Viton 'O' Rings are available upon request. Sediment, Absolute Rated and Carbon cartridges are all available from Pearl Filtration.



MODEL	NUMBER OF DOE CARTRIDGES	MAX FLOW (l/min)	A	B	C	D	O RING	FLANGE SIZE
7HP1	7 X 10"	140	365	300	500	440	EPDM	1.5"
7HP2	7 X 20"	280	415	300	600	700	EPDM	2"
7HP3	7 X 30"	420	415	300	700	960	EPDM	2"
7HP4	7 X 40"	500	415	300	800	1220	EPDM	2"

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Bag Filters - 7BEC Cartridge Series

304 & 316 Stainless Steel



7BEC CARTRIDGE SERIES

304 & 316 STAINLESS STEEL CONSTRUCTION, V-CLAMP CLOSURES, COMMERCIAL & INDUSTRIAL BAG FILTERS

7BEC CARTRIDGE SERIES

FEATURES:

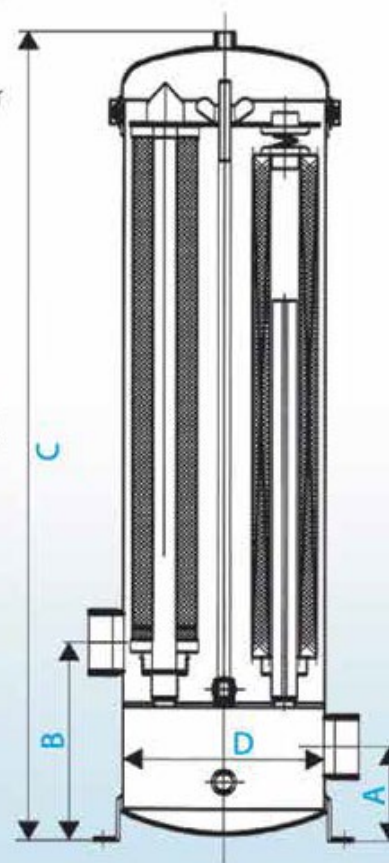
- **304 or 316 Stainless Steel:**
Non coded housings. Rated to 7barG @ 110°C.
- **Easy to Operate:**
Heavy Duty V-Clamp is hand tightened for immediate access to the filter cartridges.
- **Simple Installation:**
BSP ports as standard. Provided with floor mounting tabs.
- **Universal Cartridges:**
fits all standard DOE or Code G 65mm diameter cartridges.
- **Minimal Pressure Drops:**
Allow 10kPa for housing at max rated flow for water.
- **Wide Range of Liquid Applications:**
Fine Chemicals, Water Treatment, Pre-RO, Beverages

Industrial and Commercial applications demand filtration equipment to last in their environment.

The 7BEC Series is designed to provide economical filtration, without forgetting the importance of user friendliness. For many Pre-Filtration applications, 7BEC housings are opened more frequently than downstream equipment and have to withstand frequent service use.

Options include different ports and pipe sizes, pressure gauges and vent valves.

For higher flow rates manifold systems can be fabricated locally. Sediment, Absolute Rated and Carbon cartridges are all available from Pearl Filtration.



MODEL	NUMBER OF DOE CARTRIDGES	MAX FLOW (l/min)	A	B	C	D (mm)	O RING	BSP PORT SIZE
7BEC1	7 X 10"	140	280	120	610	330	BUNA	2"
7BEC2	7 X 20"	280	280	120	890	330	BUNA	2"
7BEC3	7 X 30"	420	280	120	1140	330	BUNA	2"
7BEC4	7 X 40"	500	280	120	1380	330	BUNA	2"

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