

VBA Demi and Single Housings



- ▶ Cost effective solution for gas filtration applications in the Food & Beverage Industry
- ▶ PED 2014/68/EU Compliance
- ▶ Available as Demi and Single Round with DIN Locking Ring closure
- ▶ 304L Stainless steel
- ▶ DIN 11850 and BSPP connections

Applications

The VBA is a cost-effective compressed gas filter housing, for use when DIN connections are a requirement. This range is suitable for use with PED Group 2 Gas.

Availability

The VBA range is available for Demi (Truseal) and C-Style (226) cartridges. This range will accept Parker's full range of Truseal (2.5" & 5") and C-Style (5" to 30") gas filter cartridges.

Materials

AISI 304L grade stainless steel is used for all wetted parts assuring corrosion resistance and durability.

Surface Finish

As standard, internal surfaces are mechanically polished to 0.8um Ra, then electropolished. External surfaces are mechanically polished. All assembly welds remain evident.

Connections

As standard, the VBA comes with DIN 11850 Butt Weld or BSP inlet and outlet connections. Vent and drain ports are 1/4" BSPF.

Certification

Each filter housing is supplied as standard with a Manufacturer's Report Test certificate, Declaration of Conformity (where applicable) and User Manual.

Directives

Parker Hannifin Filter Housings are manufactured in accordance with European Directives: PED 2014/68/EU.

Technical Data

Materials (wetted surfaces):	304L Stainless Steel	
Gasket Materials:	EPDM	
Housing Closure:	DIN11851 union locking ring	
Number of Cartridges:	01	
Cartridge Height:	Demi: 2.5" & 5", C-style: 10", 20" & 30"	
Cartridge location:	Truseal (126) or C-Style (226)	
Internal Surfaces:	Ra <0.8 um with Electropolish	
External Surface:	Mechanical Polish	
Design Conditions:	Demi (VBA-2B to VBA-13A):	FV to 16 Bar @ 140°C
	Single (VBA-141 & VBA-142):	FV to 16 Bar @ 140°C
	Single (VBA-182 & VBA-193):	FV to 12 Bar @ 140°C

Ordering Information

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Code	Cartridge Height	End cap	Connection Size	Code	Connection Type	Code	Seal
2B	2.5"	Truseal	DN10 (1/4")	A	DIN 11850 Weld End	E	EPDM
5B	2.5"	Truseal	DN10 (3/8")	B	BSPF Female		
7B	2.5"	Truseal	DN15 (1/2")				
9B	2.5"	Truseal	DN20 (3/4")				
11A	5"	Truseal	DN25 (1")				
12A	5"	Truseal	DN32 (1.25")				
13A	5"	Truseal	DN40 (1.5")				
141	10"	C-Style	DN50 (2")				
142	20"	C-Style	DN50 (2")				
182	20"	C-Style	DN65 (2.5")				
193	30"	C-Style	DN80 (3")				

Spare Parts

Housing	Description	Size	Kit Part Number	Kit Part Code
VBA-2B VBA-5B VBA-7B VBA-9B	Aseptic P-Seal (EPDM)	DN65	639504151	XHSEP00DN65
VBA-11A VBA-12A VBA-13A		DN80	639504152	XHSEP00DN80
VBA-141 VBA-142		DN100	639504153	XHSEP00DN100
VBA-182 VBA-193		DN125	639504154	XHSEP00DN125