

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:	Trueseal (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

VBA	-	XX	-	X	-	E
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Code				Cartridge Height		End cap		Connection Size		Code		Connection Type		Code		Seal	
2B	2.5"	Trueseal	DN10 (1/4")	A	DIN 11850 Weld End	E	EPDM										
5B	2.5"	Trueseal	DN10 (3/8")	B	BSPF Female												
7B	2.5"	Trueseal	DN15 (1/2")														
9B	2.5"	Trueseal	DN20 (3/4")														
11A	5"	Trueseal	DN25 (1")														
12A	5"	Trueseal	DN32 (1.25")														
13A	5"	Trueseal	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	Aseptic P-Seal (EPDM)	DN65	639504151	XHSEP00DN65
VBA-5B				
VBA-7B				
VBA-9B				
VBA-11A		DN80	639504152	XHSEP00DN80
VBA-12A				
VBA-13A				
VBA-141		DN100	639504153	XHSEP00DN100
VBA-142				
VBA-182		DN125	639504154	XHSEP00DN125
VBA-193				