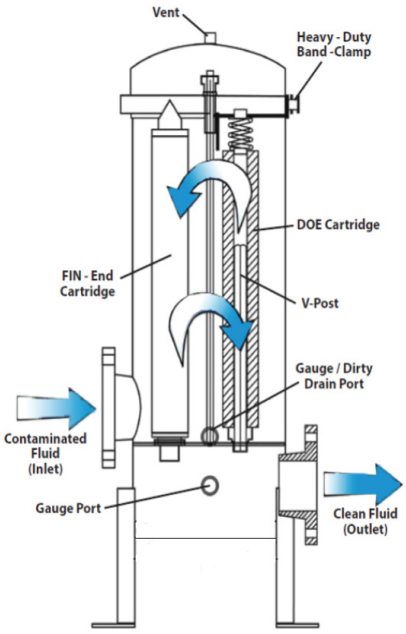
GTCHB-Series Multi-Cartridge Band Clamp Liquid Filter Vessels

GTCHB-Series Multi-Cartridge Vessels are designed for industrial. Vessels are constructed of 304 or 316L stainless steel and accept DOE, 222/FLAT end cartridges in 10, 20, 30 & 40 inch lengths. The GTCHB Series vessels comply with the European regulations PED 2014/68 / EU §4.3





Technical Design

- Under ASME design code. Other design codes on request
- Maximum operating pressure : 7 bar
- Design temperature : 120°C
- Maximum operating temperature is linked to fluid used
- Fluid must be non hazardous liquid, other fluid on request
- Universal seal cups and compression plates allow vessels to accept DOE, 222/FLAT cartridges
- As standard : - Material SS316L
  - Poly-coat finish (exterior only)
  - Buna N gasket

Features

- Easy access, self-centering heavy-duty band clamp closure
- Wetted part of the filter is either 304 or 316L option. The other parts are in SS304
- Closing system : Single band clamp is in SS304
- 316L stainless steel cap/spring assemblies and V-posts
- Heavy-duty welded mounting/support legs

Options

- Alternate seal materials
  - EPDM
  - FKM

Ordering Information

GTCHB	# of Cartridges	Length	Inlet/Outlet Size	Inlet/Outlet Style	Outlet	Material	Pressure Rating	Surface Finish
	4	1 = 10" 2 = 20" 4 = 40"	2 = DN50/2"	B = BSPT female	2 = Opposite to inlet	4 = 304 SS	15 = 7 bar	PC = poly-coat
	5							
	7		2 = DN50/2" 3 = DN80/3"	D = Flange PN16 type 11 acc. EN1092-1				
	12	3 = 30" 4 = 40"	3 = DN80 4 = DN100	D = Flange PN16 type 11 acc. EN1092-1		6 = 316L SS		
	22							

Codification example :
GTCHB5-3-2D-2-615PC : Cartridge filter with 5 cartridges 30 inches lenght, Inlet/Outlet flange DN50, outlet opposite to inlet, SS316L, use for 7 bar max, external finish with poly-coat.

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

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