



Manufacturer: -
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Data Sheet Number:
SDD/CBC/R600/STL
 Revision: **05**

R/F - 600LB RATING BOLTED COVER CARTRIDGE FILTER

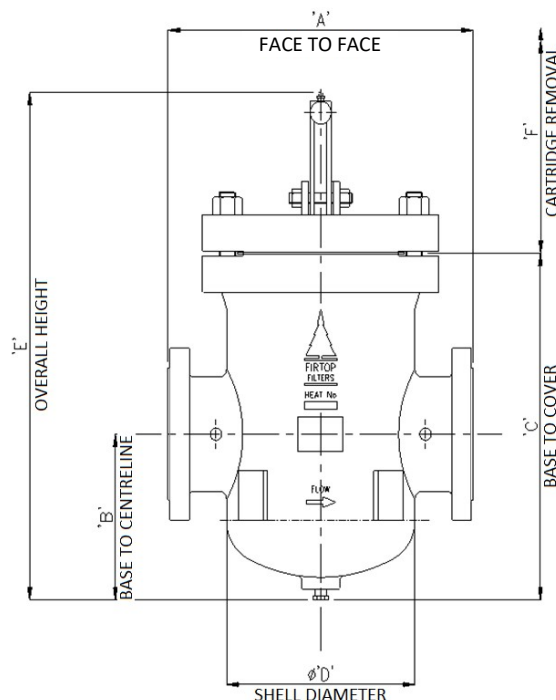
Sizes: 8" to 16" Nominal Bore

Pressure: ASME Class 600LB (Full Rating)

- Features:**
- Integrally Cast Housing.
 - Bolted Closure.
 - Red oxide Finish as standard.
 - Pleated Cartridge as standard.
 - Cover Davit.
 - Flow Distribution Baffle.

- Options:**
- Special Gasket, Special Cartridge.
 - D.P. Tappings/Gauge.
 - Flanged Drains / Vents.
 - Special Finish / Linings.
 - Safety Closure.
 - Bolt-on Leg Assembly.
 - Impact Testing for low temp. service.

Standards: PED 2014/68/EU.
 ASME B16.5 Flange Dimensions.
 EN 10204 3.1 Certification
 Generally i.a.w. ASME VIII, Div. 1



All data is subject to confirmation at the time of order. Our policy is one of continual improvement and we reserve the right to amend details without prior notice.

Size		Dimensions (mm)					Cartridge Area (cm ²)	Vent (NPT or BSPP)	Drain (NPT)	Weight Estimate (kg)	
		'A' Face to Face	'B' Base to Centreline	'C' Base to Cover	'D' Shell Diameter	'E' Overall Height					'F' Cartridge Removal
Inch	mm										
8"	200	700.0	355.0	730.0	436.0	1105.0	640.0	21 212.0	½"	1"	640.0
10"	250	900.0	435.0	905.0	544.0	1360.0	795.0	39 864.0	½"	1"	1205.0
12"	300	1040.0	510.0	1070.0	646.0	1600.0	930.0	78 620.0	½"	1"	1685.0
16"	400	1300.0	640.0	1340.0	812.0	1935.0	1170.0	175 749.0	½"	1"	3450.0

Item	Materials of Construction	
	Carbon Steel (-20°C)	Stainless Steel
Filter Body (Cast)	ASME SA216 WCB	ASME SA351 CF8M
Filter Cover	ASME SA216 WCB	ASME SA351 CF8M
Filter Cartridge	St.St. 316 / Pleated Media to Customer Specification	
Cover Gasket (S/W)	St.St.316L / Graphite	
Vent Plug	ASME SA350 LF2	ASME SA182 F316
Drain Plug	ASME SA350 LF2	ASME SA182 F316
Studbolts / Full Nuts	ASME SA193 B7 / ASME SA194 2H	
Davit Arm	ASME SA106B - Zinc Plated	
Davit Plates	ASME SA516 GR60 - Zinc Plated	
Nameplate / CE plate	St.St.316	

Model Number Derivation: -

The model number can be derived as follows: - **A***/R60/***/CBC**

Denotes the size i.e. add '400' for a 16" _____ '216' denotes Carbon Steel
 '351' denotes Stainless Steel

For more information, visit our Web Site: www.bartonfirtop.co.uk