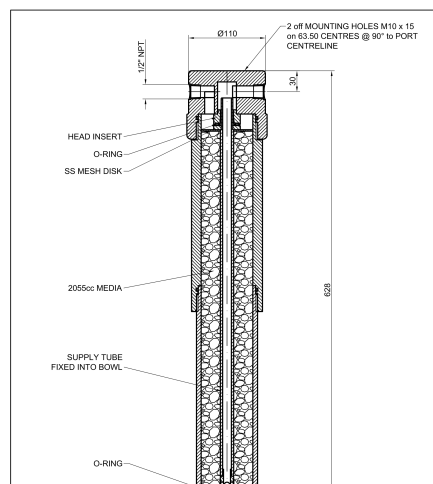


RF-H-160-CC

Activated Carbon Vapour-Phase Adsorber Housing · 316L · ½" NPT · 250 bar · 2055 cc media



Cross-section · Do not scale · All dimensions in mm

TECHNICAL SPECIFICATIONS

Model	RF-H-160-CC
Housing Type	Activated-carbon vapour-phase adsorber
Port Connections	½" NPT, inlet / outlet
Media Capacity	2055 cc bulk activated carbon
Carbon Charge	approx. 2 kg activated carbon
Maximum Pressure	250 bar (3625 psi)
Maximum Temperature	200 °C (392 °F)
Outer Diameter	Ø 110 mm
Overall Length	628 mm
Head Height	30 mm
Min. Clearance (bowl removal)	60 mm
Mounting	2 × M10 × 15 tapped holes, 63.5 mm centres @ 90° to port centreline
Internal Flow Path	Central supply tube fixed into bowl; SS mesh disk retention
Surface Finish	Ra 32

MATERIALS OF CONSTRUCTION

Head, Bowl & Internals	316L stainless steel (SA-479 316L)
Mesh Disk	316 stainless steel
Head Insert / Supply Tube	316L stainless steel
Seals (2 × O-ring)	Viton® (FKM) standard — specify for service
Optional Seals	PTFE / Kalrez® (FFKM) for aggressive media
Adsorbent Media	Activated carbon (coconut-shell based)

APPLICATION NOTES

Typical Service	Vapour-phase adsorption — removal of hydrocarbons, VOCs, solvent vapours, odours and trace organics from gas / air streams
Design Principle	Permanent 316L housing — the activated carbon charge is renewed when spent
Orientation	Vertical, ports uppermost; drainable bowl

KEY DIMENSIONS

Feature	Value
Outer diameter	Ø 110 mm
Overall length	628 mm
Head height	30 mm
Ports	½" NPT
Mounting centres	63.5 mm
Bowl removal clearance	60 mm

CONSUMABLES & SPARES

Article	Description
RF-AC-REFILL-160	Activated carbon refill charge (2055 cc / approx. 2 kg)
RF-A-SK160V	Seal kit, Viton®
RF-A-SK160T	Seal kit, PTFE
Article numbers for consumables to be confirmed on order.	

ORDERING

Item	Detail
Housing	RF-H-160-CC, 316L, ½" NPT
Carbon charge	approx. 2 kg activated carbon
Seal material	specify per gas / service
Supplied complete with activated carbon media and seal kit.	

Selection note: The RF-H-160-CC is a large-capacity 316L stainless-steel adsorber housing holding a 2055 cc bulk charge of activated carbon (approx. 2 kg) for vapour-phase clean-up of gas and air streams. It shares the pressure and temperature rating of the standard RF-H-160 process-gas housing (250 bar / 200 °C). The permanent stainless housing is refilled with fresh media when the carbon is exhausted. Confirm seal material for the intended service before ordering.