

RF-H-150

316L Stainless Steel Filter Housing · 1" NPT · 100 bar · 200 °C



Do not scale drawing · All dimensions in mm



RF-H-150 · 316L stainless steel

TECHNICAL SPECIFICATIONS

Model	RF-H-150 (1" NPT)
Housing Type	T-style inline filter housing
Connection	1" NPT
Drain	¼" NPT
Maximum Pressure	100 bar (1,450 psi)
Maximum Temperature	200 °C (392 °F)
Internal Volume	1,500 cc
Weight	9 kg
Filter Element Size	51-230 (Ø 51 × 230 mm)
Overall Height	382 mm
Head Diameter	Ø 110 mm
Bowl Removal Clearance	247 mm min.
Mounting	2 × M10-1.5 × 15 deep, 63.5 mm centres @ 90° to ports

MATERIALS OF CONSTRUCTION

Head	316L Stainless Steel
Bowl	316L Stainless Steel
Internals	316L Stainless Steel
Standard Gasket / O-ring	Viton (FKM)

EXOTIC MATERIAL OPTIONS

Alloy C-276	Model 150H
Alloy 400 (Monel)	Model 150M

OXYGEN CLEANING

Oxygen cleaning service available on request

COMPATIBLE R+F FILTER ELEMENTS

R+F Article No.	Element Type
RF-C-51230-xx	Coalescing (glass microfibre)
RF-P-51230-xx	Particulate (glass microfibre)
RF-SS-51230-xx	Sintered 316L stainless steel
RF-TF-51230-xx	Sintered PTFE

Replace "xx" with micron rating or grade. Element size 51-230 (Ø 51 × 230 mm).

REPLACEMENT PARTS

Code	Description
TR150	Tie Rod (A)
ER150	Element Retainer (B)
SC150	Support Core
SSB 150	316L SS Bowl (C)
MB150	Mounting Bracket

AVAILABLE O-RINGS

Code	Material
GV150 (D)	Viton (Standard)
GN150	Nitrile
KZ150	Kalrez™
GS150	Silicone

Note: The RF-H-150 is a robust, all-316L stainless steel T-style filter housing designed for demanding process gas and liquid filtration applications. Suitable for coalescence, particulate filtration, and liquid-liquid separation with element size 51-230. Contact R+F FilterElements for application-specific element selection guidance.