

RF-H-134CC

Refillable Molecular-Sieve / Adsorber Dryer Housing · 316L · ¼" NPT · 100 bar · 200 °C · 110 cc · user-refillable

TECHNICAL SPECIFICATIONS

Model	RF-H-134CC (316L)
Housing Type	Refillable adsorber / molecular-sieve dryer housing
Port Size (in / out)	¼" NPT
Maximum Pressure	100 bar
Maximum Temperature	200 °C
Media Chamber Volume	110 cc
Weight (empty)	0.7 kg
Fill	Loose adsorbent, user-refillable

MATERIALS OF CONSTRUCTION

Head, Bowl & Internals	316L stainless steel
Gaskets (standard)	Viton® (FKM)

PRINCIPAL DIMENSIONS

A	15 mm
B (Ø head)	60 mm
C (height)	122 mm
D	35 mm
Chamber Volume	110 cc

ADSORBENT FILL OPTIONS

Media	Typical Duty
Molecular sieve 3A	H ₂ O removal from H ₂ (excludes H ₂ from pores)
Molecular sieve 4A	H ₂ O, CO ₂ , general drying
Molecular sieve 13X	H ₂ O, CO ₂ , larger molecules
Silica gel	Water-vapour adsorption
Supplied empty; fill with the adsorbent for your duty. Customer-filled 3A for H ₂ drying.	

ACCESSORIES & SPARES

Article	Description
RF-A-SK134V	Gasket set, Viton®
RF-A-MB134	Mounting bracket set
6 mm adapter	¼" NPT → 6 mm tube (on request)
6 mm compression adapters allow direct connection to 6 mm stainless tubing.	

ORDERING

Item	Detail
Housing	RF-H-134CC (316L)
Gasket set	Viton® (standard)
Connection	¼" NPT (6 mm adapter optional)
Fill	By customer (e.g. 3A molecular sieve)
Housing supplied empty and cleaned for adsorbent service.	

Refillable stainless-steel dryer for hydrogen service: The RF-H-134CC is a compact, user-refillable adsorber housing with 316L head, bowl and internals and Viton® gaskets, rated to **100 bar** and **200 °C** — comfortably covering H₂ duty at 30 bar / 80 °C with a wide safety margin. The housing is supplied empty on a ¼" NPT connection (6 mm tube adapter available) for filling with the customer's own 3A molecular sieve. **Media chamber volume is 110 cc**, which holds approximately 70 g of 3A sieve at typical bulk density (~0.65 g/mL). Where a larger sieve charge or longer interval between regenerations is required, contact us for a higher-capacity chamber. All figures are nominal; confirm gasket material and adapter type for the intended service before ordering.