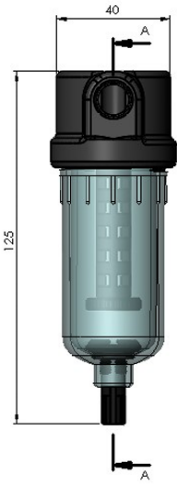
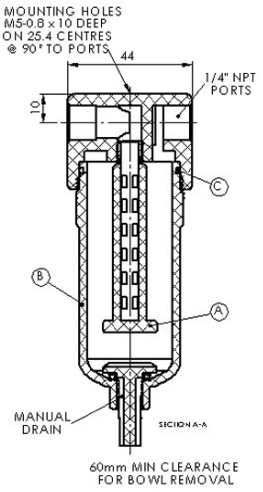
RF-H-730N

Nylon Instrumentation Filter Housing · ¼″ NPT · 7 bar · 50 °C · Ø 12 × 57 element



Side view



Section A–A · Do not scale · All dimensions in mm

TECHNICAL SPECIFICATIONS

Model	**RF-H-730N**
Housing Type	Compact in-line instrumentation filter housing, transparent nylon bowl
Port Connections	¼″ NPT, inlet / outlet
Drain	Manual drain, ⅛″ BSPP
Maximum Pressure	7 bar
Maximum Temperature	50 °C
Element Size	Ø 12 × 57 mm (size code 12057)
Head Width	40 mm (44 mm across ports)
Overall Height	125 mm (incl. drain)
Mounting	2 × M5 × 0.8, 10 mm deep, 25.4 mm centres @ 90° to ports; optional bracket
Min. Clearance (bowl removal)	60 mm
Internal Volume / Weight	on request

MATERIALS OF CONSTRUCTION

Head	Nylon
Bowl	Nylon, transparent
Internals	Nylon
Standard O-ring	Viton® (FKM)
Optional O-rings	Nitrile (NBR) · Silicone (VMQ) · Kalrez® (FFKM)

APPLICATION NOTES

Typical Service	Particle and liquid removal in low-pressure gas sample lines; analyser and instrument protection
Bowl	Transparent – liquid level and element condition visible at a glance
Orientation	Vertical, ports uppermost; drain at bottom
Limits	Not for higher pressures/temperatures or aggressive media – use stainless-steel housings

COMPATIBLE FILTER ELEMENTS (Ø 12 × 57)

Article	Type
RF-C-12057-xx	Coalescing (disposable microfibre)
RF-P-12057-xx	Particulate (disposable microfibre)
RF-SS-12057-xxx	Sintered stainless steel
RF-TF-12057-xxx	Sintered PTFE

Replace “xx” with grade / micron rating.

SPARE PARTS & SEALS

Article	Description
RF-A-ER730N	Nylon element support (A)
RF-A-BW730N	Nylon bowl (B)
RF-A-MB730N	Mounting bracket (not pictured)
RF-A-SK730NV	O-ring, Viton® – standard (C)
RF-A-SK730NN	O-ring, Nitrile (NBR)
RF-A-SK730NS	O-ring, Silicone (VMQ)
RF-A-SK730NK	O-ring, Kalrez® (FFKM)

ORDERING

Item	Detail
Housing	RF-H-730N, nylon, ¼″ NPT, 7 bar
Element	select 12057 type & grade
O-ring	Viton® standard; specify if different
Accessory	mounting bracket

Housing supplied with element fitted.

Selection note: The RF-H-730N is a compact, lightweight nylon in-line filter housing with transparent bowl for low-pressure gas sample conditioning, rated to **7 bar / 50 °C**. It takes the Ø 12 × 57 mm (size code 12057) element range – coalescing, particulate, sintered stainless steel or sintered PTFE – with ¼″ NPT ports, manual ⅛″ BSPP drain and Viton® O-ring as standard. As a functional alternative to comparable nylon housings, please confirm installation dimensions and drain connection against your existing installation before ordering. For higher pressures, temperatures or aggressive media select a stainless-steel housing.