E-PPHSG Series

Single Cartridge High-Purity
Natural Polypropylene Filter Housing

Constructed of 100% natural, virgin polypropylene homopolymer for all wetted surfaces to provide a high degree of chemical tolerance in sensitive applications. No fillers or colorants are used which can otherwise contribute extractable substances. A ring nut closure provides a secure seal and ease of servicing. Accepts 10" and 20" nominal length 222/FLAT and 226/FLAT configured cartridges. Provides the excellent chemical compatibility for which polypropylene is known.

Features

- Tolerance to acids, bases, and organic compounds.
- Non-restrictive fluid flow.
- Pure, virgin polypropylene homopolymer minimizes potential for extractable substances
- 1/4"FNPT vent and drain ports

Applications

- Critical process fluids in micro-electronics and semiconductor manufacturing
- Laboratory water and ultra-high purity water requiring the low extractable substances

Product Quality

- Manufactured within an ISO 9001:2015 certified quality management system
- Inspected, qualified, and packaged in a clean room environment.
- Certification of Quality document provided upon request

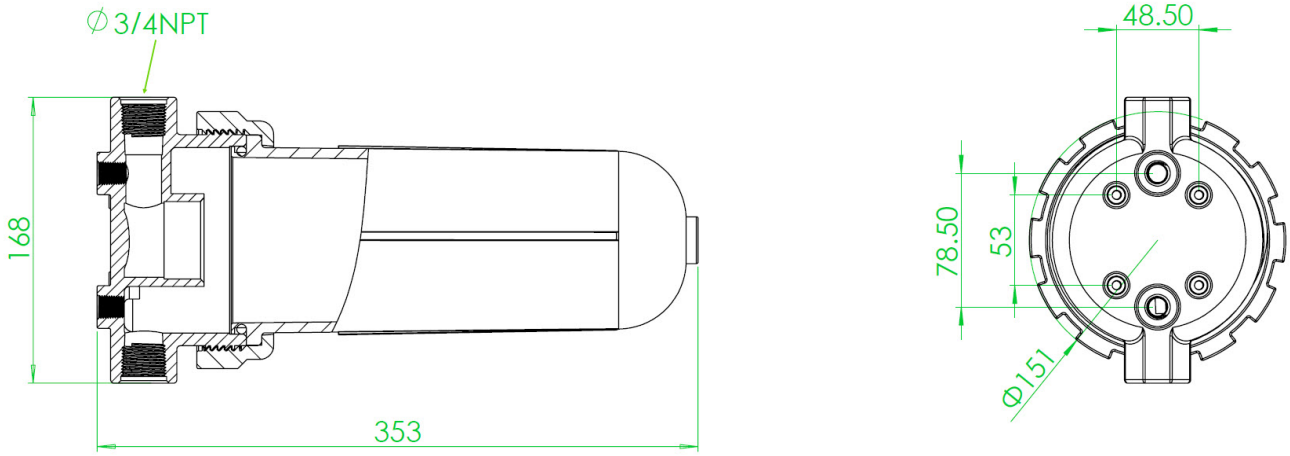
Materials of Construction

Head, Sump:	Virgin Natural Polypropylene Homopolymer
Ring Nut:	Polypropylene, Glass-Filled
Seal Options:	FKM, silicone, NBR, EPDM

Operating Conditions

Operating Temp., Max:	45 psi (3 bar) at 66°C (150°F) 100 psi (6.8 bar) at 25°C (77°F)

Dimensions



Model #E-PPHSG-10-222-34 shown.

All dimensions are shown in millimeters.

Vent & drain ports: 1/4" FNPT

Ordering Information

example: E-PPHSG — □□ — □□ — □□ — □□

Length	Type	Inlet/Outlet Ports	Seal
10 = 10"	222 = 222/FLAT	34 = 3/4"NPT (222 only)	E = EPDM
20 = 20"	226 = 226/FLAT	DN = DN40 (226 only)	B = NBR
		JS = JIS40A (226 only)	S = Silicone
			V = FKM