

DX Series Sanitary Filter Housings

The DX series filter housings are designed for critical and sterile filtration applications. Manufactured to strict quality standards and from high quality materials, the DX series filter housings meet the exacting requirements of the pharmaceutical, biotechnology, food & beverage and microelectronics industries. DX series filter housings are designed for liquid or gas service and can easily be cleaned-in-place (CIP), steamed-in-place (SIP), or hot water sanitized.

The 316L stainless steel T-line DX series accepts one code 7 style filter element (double 226 o-rings with bayonet locking tabs with a spear top) in 10", 20", or 30" length. All DX series filter housings are equipped with 1/2" sanitary vent and drain ports; vent and drain valves are available as optional accessories. The DX series filter housing is also equipped with a 1 1/2" sanitary gauge port. The DX filter housings are 1" sanitary TC connection.

DX series filter housings offer the high quality electropolished surface finish for ease of cleaning. Wetted surfaces are further electropolished to a 0.4 micron inch Ra surface finish to help limit bacterial and particulate adhesion.

A bayonet cartridge interlock design allows easy cleaning, and a positive locking retention mechanism secures the filter cartridge even during back pressure surges. A 316L stainless steel clamp secures the housing base and dome permitting rapid filter change-outs. Each filter housing is hydrostatically tested to provide long term efficient operation even in demanding environments. All housings are supplied with silicone gaskets that comply with CFR 21 requirements for direct food and drug contact.



Features & Benefits

316L stainless steel construction

- Excellent corrosion resistance provides long term service

High quality surface finish (Ra < 0.4um internal/external)

- Helps minimize bacteria/particulate adhesion

Housings accommodate one 10", 20", or 30" filter cartridge

- Suitable for small to intermediate product batches and tank vent applications

Accepts code 7 style double o-ring bayonet lock cartridge

- Cartridge locks into place providing secure installation even under back pressure conditions

Sanitary design vent and drain (optional drain valves available)

- Easy to clean, helps limit cross contamination, no threaded parts in contact with process fluids

Clean-in-place (CIP) / steam-in-place (SIP) design

- Permits easy cleaning, sterilization or sanitization in place (in-situ)

Designed to minimize product holdup volume

- Enables maximum recovery of product

Filter Housing Ordering Guide

Model	Cartridge	A(mm)	B(mm)	C(mm)	E(mm)
DX-1R10-226	10"	708	300	102	210
DX-1R20-226	20"	958	550	102	210
DX-1R30-226	30"	1208	800	102	210
DX-1R10-222	10"				
DX-1R20-222	20"				
DX-1R30-222	30"				

