

Milligard® Single-Round Sanitary Housings



- ▶ *Designed for cartridges with Code M connection*
- ▶ *Easy to clean*
- ▶ *Flexible configurations*

Sanitary design for liquid or gas filtration using Millipore cartridges with code M connection

The ideal housing for use with Millipore code M cartridges in liquid or gas filtration. All wetted surfaces are constructed of 316L stainless steel and are electropolished providing excellent durability and maximum corrosion resistance. Available in T-line or In-line configurations and in a wide range of inlet/outlet connection and vent/drain options, you can select a sanitary housing that meets your process requirements.

Secure and Easy to Clean

This housing features a unique design for vent/drain and connection, allowing complete and effective cleaning and sterilization. Vent insulating rings have been added making housing handling during sterilization easier and safer. The housing accommodates a secure double O-ring configuration for cartridge installation and port connections allowing a positive cartridge seal and preventing bacterial and particulate by-pass.

Certified to 9001 Quality Standard for Dependability

Milligard housings are manufactured at sites that are certified to the ISO® 9001 quality standard, following

quality management principles of the customer satisfaction and continuous improvement, these sites produce high-quality product. An extensive validation study verifying pressure rating, corrosion resistance, clean ability, steam ability and sterilizations was conducted to qualify the housing design. All housings are shipped with a Certificate of Quality that confirms conformance to stated requirements and lists appropriate QA lot release criteria.

Versatile Configuration

A range of inlet/outlet connections are available including sanitary vent and drain valves, as well as accessories to accommodate your manufacturing process.

In-Line Housing

- 1½ inch Ferrule
- DIN DN40
- Naue DN40
- Weld Tube (38.1 x 1.25)

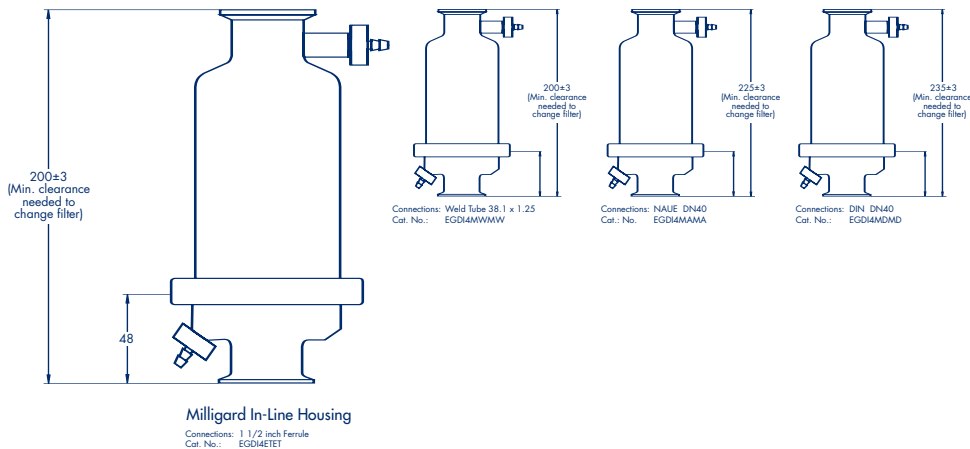
T-line Housings

- 1½ inch Ferrule
- ¾ inch Ferrule
- DIN DN15
- Naue DN15
- Weld Tube DN15

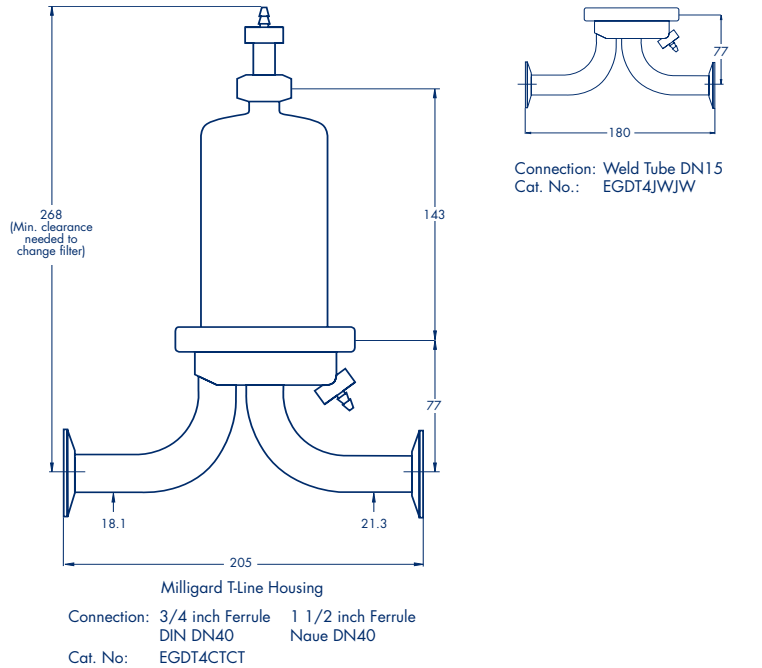
Specifications

Cartridges	1 X 2-inch (5.1 cm) or 1 X 4-inch (10.2 cm) Millipore cartridges with Code M connection (double 2-118 O-rings)
Maximum Operating Conditions	10 bar (145 psi) at 25 °C (77 °F)
Materials of Construction	
<i>All metal surfaces in contact with the product:</i>	316L stainless steel
<i>Clamp:</i>	304 stainless steel
<i>Seals:</i>	Silicone
<i>Vent insulation ring:</i>	EPDM
CFR Compliance	The sealing materials supplied comply with the Title 21 Code of Federal Regulations, section 177.2600 for rubber compounds or 177.1550 for fluorocarbon resin, 177.1520 for olefin polymers.
Surface Finish	
<i>Wetted Surfaces:</i>	Electropolished, Ra < 0.5 µm
<i>Exterior Surfaces:</i>	Electropolished, Ra < 0.8 µm
Dome to Base	3-inch ferrule gasket
Vent/Drain	¼-inch hose barb
Mounting	Can be supported by bracing rigid tubing connections
Sterilization	
<i>In-line:</i>	Steam sterilizable at 121 °C to 145 °C
<i>T-line:</i>	Steam sterilizable at 121 °C to 145 °C

Milligard In-Line Housing Connections

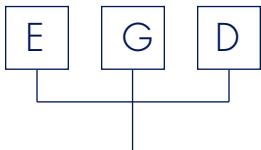


Milligard T-Line Housing Connections

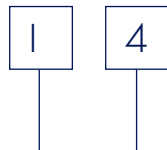


Ordering Information

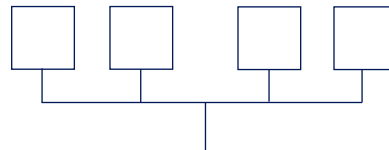
In-Line Housing



Milligard Housing Range



Housing Style
I = In-Line



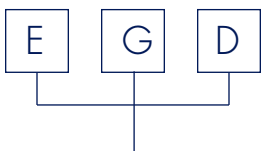
Inlet/Outlet Connections

1 1/2-inch Sanitary Flange:	ET	ET
Weld Tube (38,1 x 1,25):	MW	MW
DIN DN40:	MD	MD
Naue DN40:	MA	MA

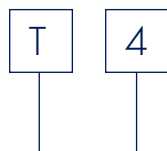
Cartridge Length

4 = up to 4 inch cartridges

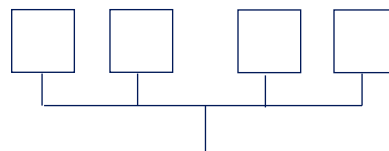
T-Line Housing



Milligard Housing Range



Housing Style
T = In-Line



Inlet/Outlet Connections

1 1/2 inch Sanitary Flange:	ET	ET
3/4 inch Sanitary Flange:	CT	CT
DIN DN15:	JD	JD
Weld Tube DN15:	JW	JW
Naue DN15:	JA	JA

Cartridge Length

4 = up to 4 inch cartridges

Ordering Information

Housing

Description	Catalogue No.
In-line housing with 1½-inch ferrule inlet/outlet connections	EGDI4ETET
In-line housings with DIN DN40 inlet/outlet connections	EGDI4MDMD
In-line housings with Naue DN40 inlet/outlet connections	EGDI4MAMA
In-line housings with weld tube (38.1 x 1.25) inlet/outlet connections	EGDI4MWMW
T-line housing with 1½-inch ferrule inlet/outlet connections	EGDT4ETET
T-line housing with ¾-inch ferrule inlet/outlet connections	EGDT4CTCT
T-line housings with DIN DN15 inlet/outlet connections	EGDT4JDJD
T-line housings with Naue DN15 inlet/outlet connections	EGDT4JAJA
T-line housings with weld tube DN15 inlet/outlet connections	EGDT4JWJW

Spare Parts

Description	Qty/Pk	Catalogue No.
Vent/drain valve	2	YFOS00001
Vent O-ring kit, silicon	10	YFOS00002
Vent insulation ring	10	YFOS00005
Closure clamp, 3-inch	1	FTPF01603
Closure O-ring, 3-inch, silicone	10	EDK000001

Ferrule Connections

Description	Qty/Pk	Catalogue No.
¼-inch clamp, stainless steel 304	1	FTPF01893
1½-inch clamp, stainless steel 304	1	YY2004045
¾-inch gasket, silicone	1	FTPT03084
1½-inch gasket, silicone	10	YY2004055
1½-inch gasket, Teflon®	10	YY2004057
Hose connector, 1½-inch to 14 mm hose, stainless steel 316 L	1	YY2004076
Hose connector, 1½-inch to 25.4 mm hose, stainless steel 316 L	1	FTPF01501
Drain valve adaptor to ¾-inch	1	EAC000004
Vent/drain valve, non-revolving	2	EAC000002
Pressure gauge to ¾-inch, 0 – 6 bar	1	EAC000003
Housing support stand	1	YF55040HH

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