

MARKET LEADERS IN FILTRATION

RONA™ LENTICULAR HSG

DEPTH FILTER

Housing

Progressive Group's Lenticular Filter Housings are available in 12" & 16" diameter to suit a wide range of applications typically used as a prefilter to final membrane filtering.

The lowest part of the inlet bend is equipped with a 1/2" BS threaded male fitting, where a drain valve can be fitted. The housing cover has a 1/2" BSP-M fitting for sight glass pressure gauge and vent valve assemblies.



FEATURES

- Compact design
- Ease of handling
- Designed to house 1, 2, 3 or 4 modules -12" and 16" diameter with flat gasket or double o-ring bayonet adapter. All internal parts in contact with the liquid to be filtered are mechanically polished to a high degree (roughness < Ra 0.8um) enabling ease of washing and sterilization during cleaning Operations and also to comply with health and sanitation standards.
- The bell housing locking system is secured by bolt clamps, which also allow quick release. This type of clamp arrangement eliminates risk of injury or damage due to unvented housing pressure.
- The ball valve and sampling valve act as a steam trap and condensation drain during sterilization procedures.
- The top of the housing bowl is designed to fit a vent valve plus pressure gauge, if required. Vent valve with hose adaptor can be utilized to purge the housing at completion of filter run. This prevents any cross contamination with flushing agents

APPLICATIONS

- Purification of wine & beer
- Element subtraction in fruit juice
- Element subtraction in tea-based beverages
- Prefiltration of juice concentrate
- Polishing filtration of olive oil
- Lenticular filter housing units have a long history in Food and Beverage applications for small batch production or medium flow rate applications.

OPERATING CONDITIONS

12" and 16" housings, basic and advanced models
Max operating pressure at 20°C 8 bar
Max operating pressure at 95°C 6 bar
Max operating temperature with EP seal 120°C
Max operating temperature with silicone seal 145°C

MATERIALS OF CONSTRUCTION

On top of the housing cover is a venting assembly
Options:

- Stainless steel 100mm, glycerine filled pressure gauge, 0-6 bar or 0-10ba
- Sight glass
- Vent ball valve with hose adaptor, 12 mm diameter
- Gas inlet valve with 1/4" BS threaded female fitting

Housing material: AISI 316L

Type of seal: EP (standard)

Polishing Standard mechanical, electro polish on request.

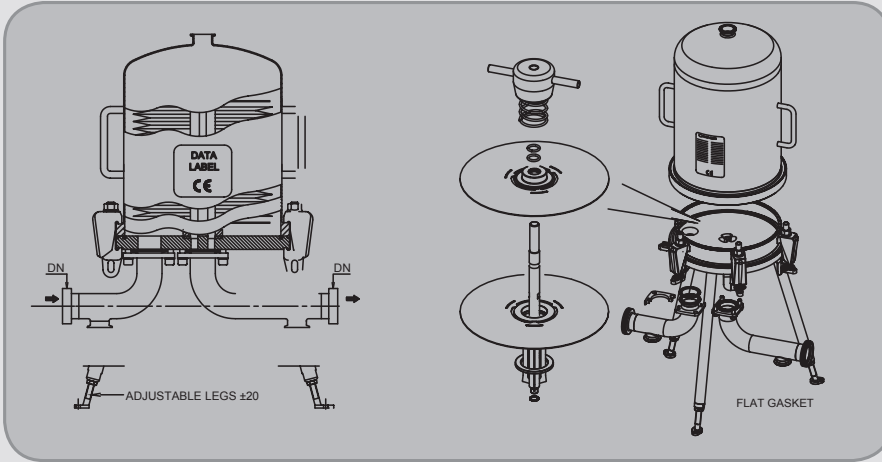
Internal Finishing: Mechanical Polishing

Internal Roughness: Ra<0.8 Micron

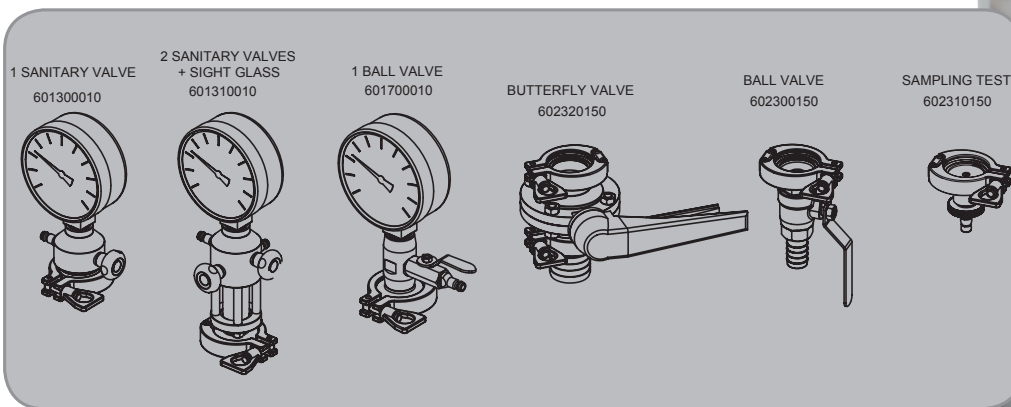
External Finishing: Mechanical Polishing



MEASUREMENTS



OPTIONAL ACCESSORIES



ORDERING INFORMATION

RANGE	END FITTING	MODULE SIZE (inch)	MODULES	DN		
				1038 (Weld 1.5")	3038 (Clamp 1.5")	2040 (RJT MALE PART 1.5")
505	0: Flat Gasket No Drains	12	1	1051 (Weld 2.0")	3051 (Clamp 2.0")	2050 (RJT MALE PART 2.0")
	2: Flat Gasket 2 Drains	16	2			
	3: Bayonet No Drains		3			
	4: Bayonet 2 Drains		4			



Australia Office:
 P: +61 (0) 3 9872 6811
 F: +61 (0) 3 9872 6822
 E: Feedback@progressivegroup.com.au
 17 Redland Drive, Mitcham, 3132, Victoria, Australia
 www.progressivegroup.com.au

New Zealand Office:
 P: +64 (0) 9 951 3142
 F: +64 (0) 9 951 3143
 E: Feedback@progressivegroupnz.co.nz
 17B Farnham Street, Parnell, Auckland, 1052, New Zealand
 www.progressivegroupnz.co.nz