

SUPRApak™ L-Series-WA Housings For SUPRApak Filter Modules

Description

The new SUPRApak filter housings form an integral part of the patented SUPRApak technology, which will revolutionize depth filtration applications in the food and beverage industry and provide a cost-effective alternative to classical sheet filtration.

- Enclosed filter system with low hold-up volume minimizes product losses, contamination risk and personnel exposure
- High filter area in a compact footprint resulting in low investment cost
- Flexible modular design matches production volumes to equipment capacity
- Simple installation and maintenance procedures

Features and Benefits

- Housing accommodates 1 to 6 SUPRApak depth filter modules, which represents up to 60 m² of effective filtration area
- Modular construction, featuring single or multi-segment sections provides flexibility
- Large, hydrodynamically designed inlet and outlet connections minimize pressure drop
- Dual inlet connections on sizes exceeding 2 modules high minimizes product mixing zones
- External tensioning device with preset torque limit provides secure operation without bypass
- Quick release vee band housing closure with integral safety device simplifies and safeguards handling
- Filter module lifting device eases filter installation and removal
- Design satisfies EC Pressure Equipment Directive (PED) 97/23/EC
- ATEX Group II Class 2 certification can be provided by specific order



SUPRApak Housing L-0531-WA

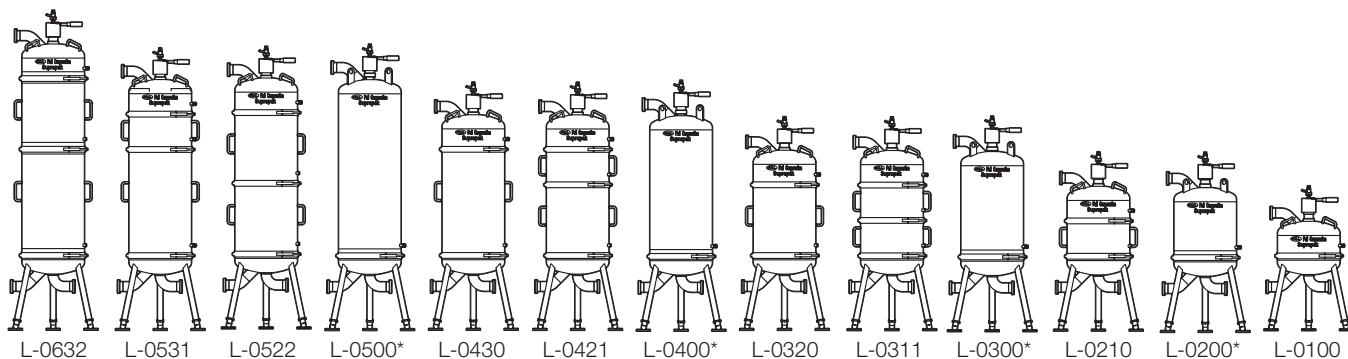
Housing Specifications

Min/Max. Operating Pressure ¹	-1 to 8 bar (-14.5 to 116 psig)	
Min/Max. Operating Temperature ¹	-10 to 150 °C (14 to 302 °F)	
Materials of Construction ²	Wetted parts 316L stainless steel, PTFE with mica	
Internal Surface Finish	≤0.8 micron Ra (≤32 Ra microinches), electropolished	
	DN65 (DIN 11851)	
Connections	Inlet/Outlet	2.5" ISO 2852 triclamp compatible adapters available on request
	Vent	8 mm (0.3 inch) hose tail (filtrate)
Housing Seals ³	EPDM	

¹ Maximum operating pressure and temperature ratings are vessel ratings only. Safe operation will also depend on filter module and gasket use. EPDM assembly seals restrict continuous operating temperature to 130 °C (266 °F). See also Note 4 overleaf.

² PTFE/mica material meets FDA requirements for food contact use as detailed in 21 CFR Sections 177.1550 and 175.300.

³ Seal materials meet FDA requirements for food contact use as detailed in 21 CFR Section 177.2600.



Ordering Information

Part Number	Description	No. of SUPRApak Modules
20032081-WA	L-0100-WA	1
EA00056-WA	L-0200-WA *	2
20032080-WA	L-0210-WA	1 or 2
EA00057-WA	L-0300-WA *	3
20032079-WA	L-0311-WA	1, 2, or 3
20032078-WA	L-0320-WA	1 or 3
EA00058-WA	L-0400-WA *	4
20031651-WA	L-0421-WA	1, 2, 3, or 4
20032077-WA	L-0430-WA	1 or 4
EA00059-WA	L-0500-WA *	5
20032076-WA	L-0522-WA	1, 3, or 5
20032075-WA	L-0531-WA	1, 2, 4, or 5
20038489-WA	L-0632-WA	1, 3, 4, or 6

Notes:

1. SUPRApak -WA housings are supplied without accessories. Please consult Pall for installation recommendations.
2. Housings marked * contain no intermediate segments, and are available in 2-5 module high configurations.
3. TUV certified housings require TUV rerating when new intermediate segments are added after original supply.
4. For hot fluid filtration (>40 °C / >104 °F), select Hot Fluid Core for the lowest module, and add extension pieces Z1 (1-high section) and/or Z2 (2-high sections) as required.

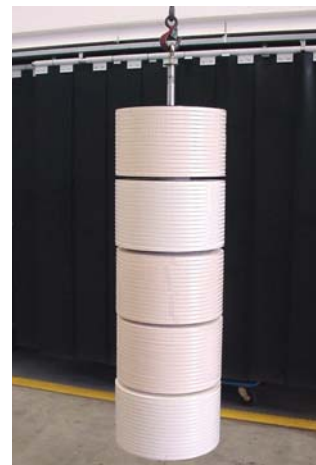


Stainless steel core

Optional Accessories for SUPRApak L-Series-WA Housings

Part Number	Description
25590-0205-01	Triclamp Adapter (DN65 to 2.5" TC)
25590-0226	Hot Fluid Core
25590-0226-01	Hot Fluid Core Extension Z1
25590-0226-02	Hot Fluid Core Extension Z2
20040118-12	1-2 High Lifting Device
20040118-34	3-4 High Lifting Device
20040118-56	5-6 High Lifting Device

SUPRApak Lifting Device



Hooks grab the bottom of the SUPRApak module stack for easy handling



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Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.

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