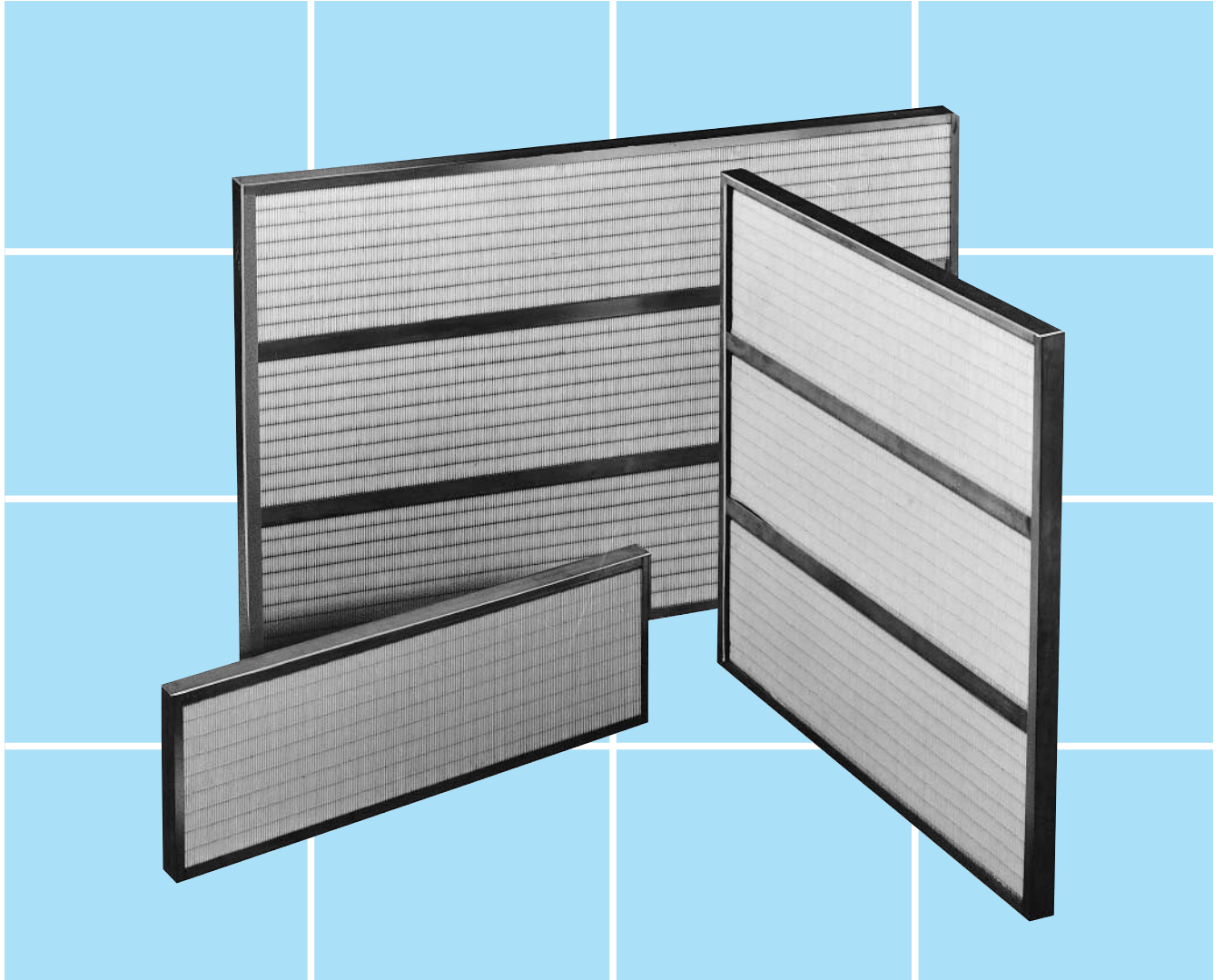


# Luwa<sup>®</sup> Ultrafilter PL



## The compact solution for highly pure air

- Efficiencies 95 and 99.98 % according to EN 1822
- Long life thanks to large filter area
- 100% leak-tested – guaranteed leak-free
- Low frame height – only 30 mm
- Fits into LuLwa Filtrasept air outlets

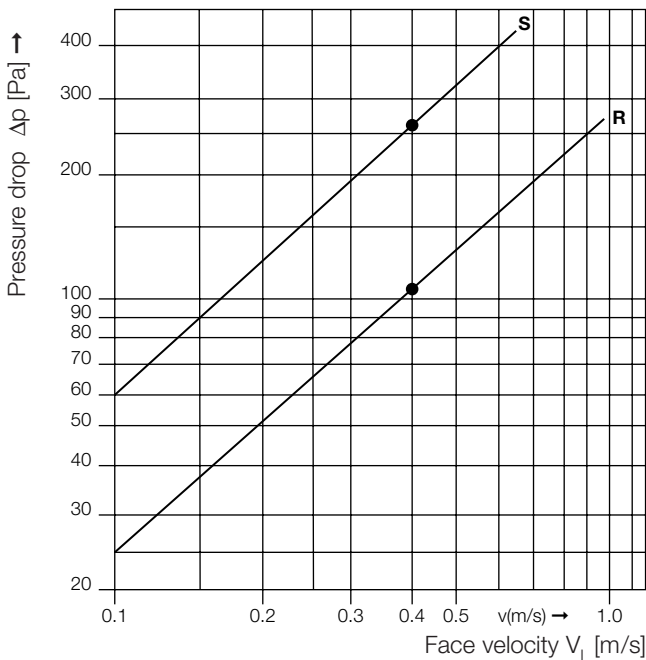
**Luwa**

# Luwa Ultrafilter PL

Technical data	Type	PL-R	PL-S
<b>Rated face velocity*</b> )	m/s	0.40	0.40
<b>Initial pressure drop</b> at rated face velocity	Pa	105	250
Final pressure drop	Pa	≤300	≤500
Filter medium area per m <sup>2</sup> face section *)	m <sup>2</sup> /m <sup>2</sup>	10	11
<b>Filter class</b> according to EN 1822	–	H11	H13
Flammability class according to DIN 53 438	–	K1/F1	K1/F1
Max. continuous temperature	°C	125	125
Admissible relative air humidity	%	<100	<100
<b>Initial separation efficiencies</b>			
EN 1822 (MPPS-DEHS aerosol)	%	>95	>99.95
EUROVENT 4/4 (NaCl aerosol, ≈ 0.6 μm)	%	97.8	>99.995
U.S. Mil. Std. 282 (DOP aerosol, 0.3 μm)	%	97	99.99

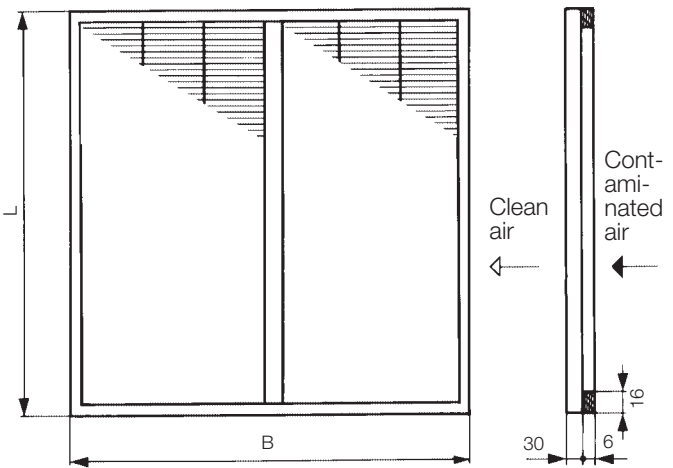
\*) relative to external filter dimensions

## Initial pressure drop



## Dimensional sketch

dimensions in mm



## Material specification

- Filter medium: micro glass fibre paper
- Frame: anodised aluminium
- Sealant: Polyurethane
- Gasket: EPDM foam-rubber with closed pores and surface skin

## Available sizes

Length L [mm]	Width B [mm]	Face area [m <sup>2</sup> ]	Air flow per filter at 0.4 m/s [m <sup>3</sup> /h]	Weight [kg]
204	610	0.12	180	1.2
610	610	0.37	535	3.0
762	610	0.46	670	3.7
915	610	0.56	805	4.4
1220	610	0.74	1070	5.8
762	762	0.58	835	4.6

In view of continuous research and development we reserve the right to modify specifications and dimensions without prior notice.

For quoted standards, the issue valid at the print date of this leaflet is relevant.

**Luwa**