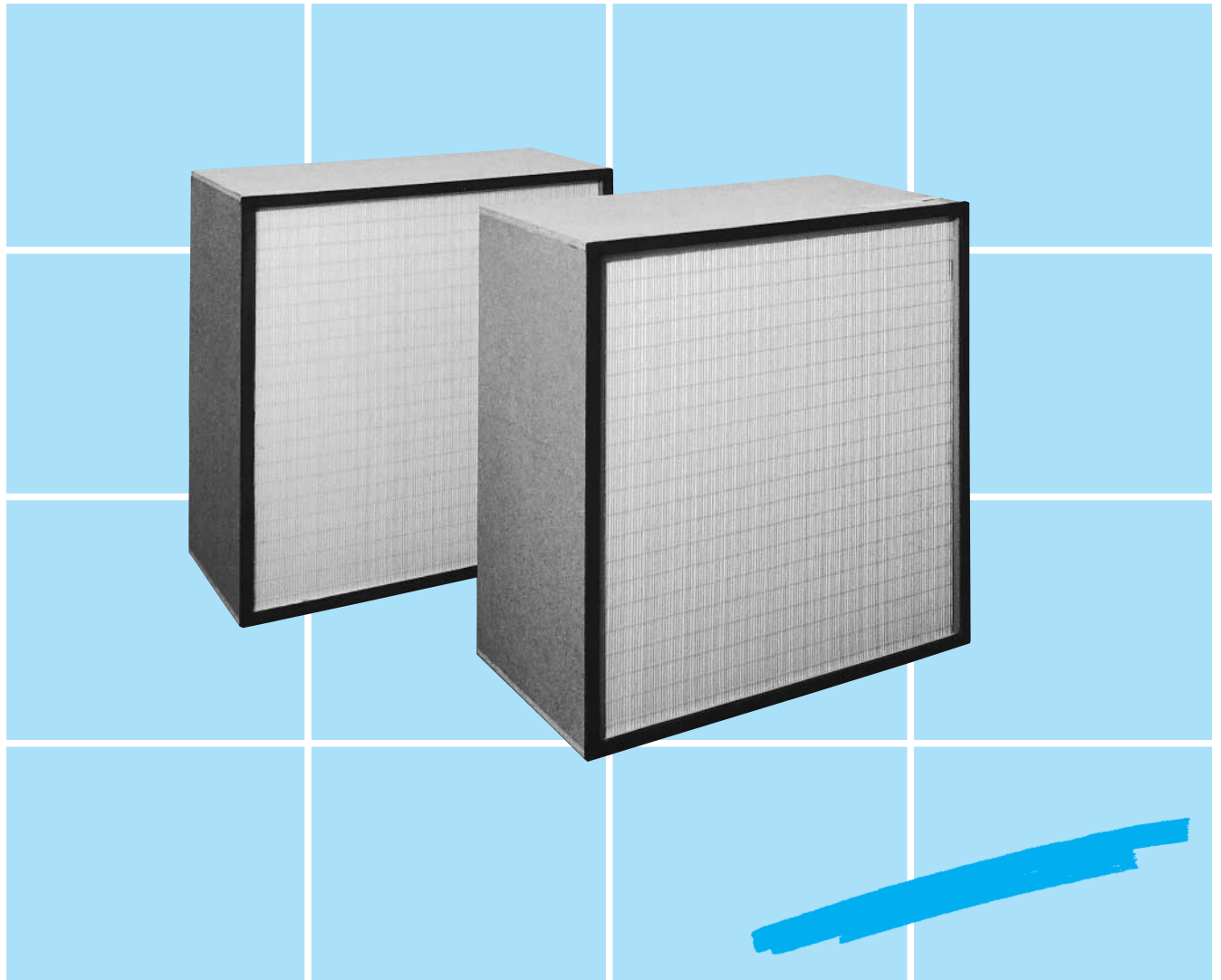


# Luwa<sup>®</sup> Ultrafilter N-H13-PS



## The economic solution for low airflows

- Airflow 2000 m<sup>3</sup>/h – Efficiency 99.98 % as per EN 1822
- Large filter medium area gives long life service
- 100 % leak tested – guaranteed leak-free
- Problem free disposal – fully incinerable
- Computer-controlled Luwa ULPACATS-Testing – leaves nothing to chance

**Luwa**

## Technical data and available types

Filter type	N-H13	-PS-610	-PS-305
Rated air flow	m <sup>3</sup> /h	2000	1000
Pressure drop at rated flow	Pa	250	250
Recommended final pressure drop [1]	Pa	600	600
Filter media area	m <sup>2</sup>	20	10
Classification according to EN 1822	–	H13	H13
Classification according to EUROVENT 4/4	–	EU13	EU13
Flammability classification acc. to DIN 53438	–	K2/F2	K2/F2
Maximum continuous temperature [2]	°C	70	70

### Efficiencies

Standard	Test condition	Typical	%	N-H13	-PS-610	-PS-305
EN 1822 (MPPS-DEHS-Aerosol) [3]	typical	%	99.98	99.98	99.98	
EN 1822 (MPPS-DEHS-Aerosol) [3]	min.	%	≥ 99.95	≥ 99.95	≥ 99.95	
EUROVENT 4/4 (NaCl-Aerosol)	typical	%	99.996	99.996	99.996	

### Standard versions [4]

Frame material particle board	–	X	X
Gasket material	–	EPDM	EPDM
Quality level [5]	–	B (D)	B (D)

### Remarks:

[1] Maximum final pressure drop ≤ 900 Pa.

[2] The max. temperature could be exceeded by up to 15 °C for max. 5 min.

[3] MPPS = Most Penetrating Particle Size. DEHS = Di (2-ethylhexyl) sebacate.

[4] N-Ultrafilter for higher airflows and in different frame materials, see leaflet 43.12.11.

[5] All Ultrafilters N-H13-PS are individually leak tested acc. to DIN 24184 and leak free. On request, they are available in quality level "D" as well (ULPACATS tested).

[-] Available casings for Ultrafilter N: for type NG see leaflet 43.12.11, for type NSC, see leaflet 43.13.11.

