



# Lindab LINAIR

Technical information

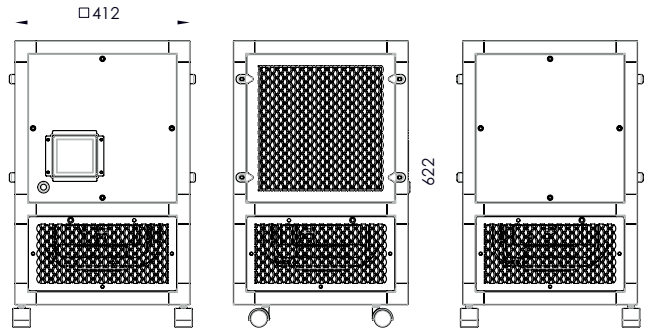
## Overview



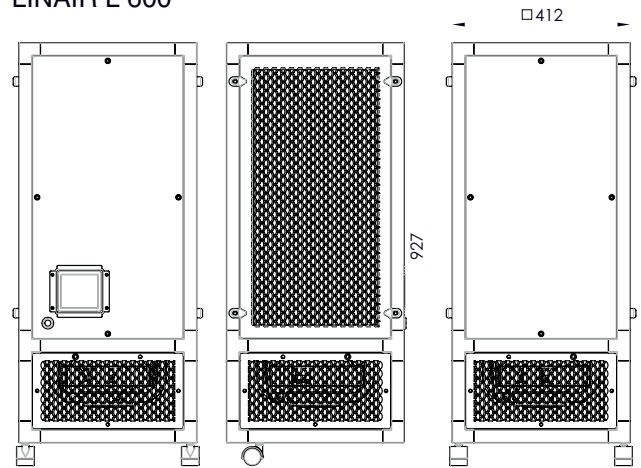
**HEPA  
H 14**

## DIMENSIONS

LINAIR S 300



LINAIR L 600



## Description

LINAIR is a plug&play air purifier (it does not require installation) designed for indoor spaces.

It is equipped with an absolute filter H14 which stops air contaminants, leaving a much cleaner and healthier air.

It has wheels so it can be easily moved in the required areas.

## Aplication

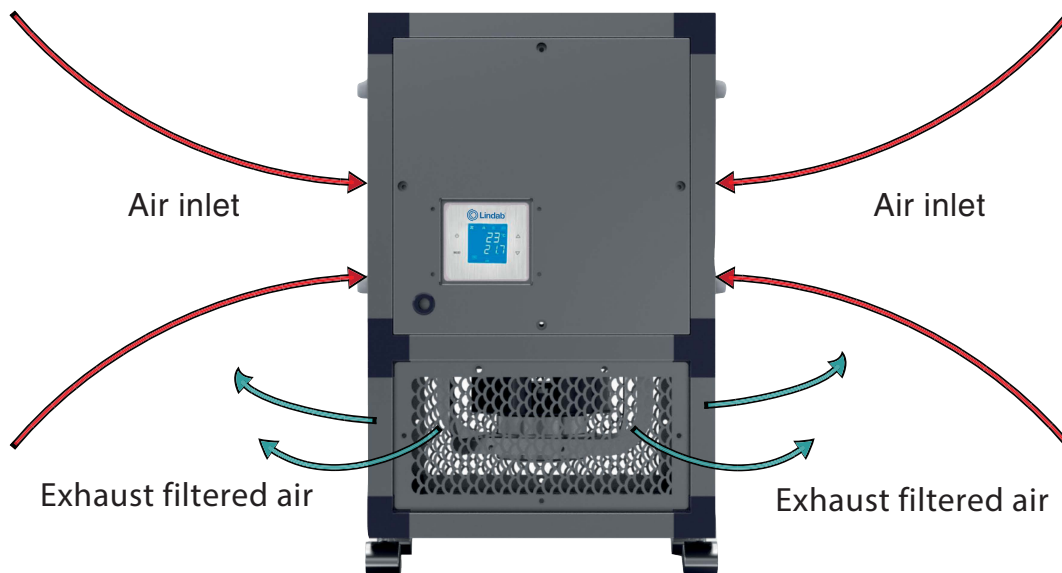
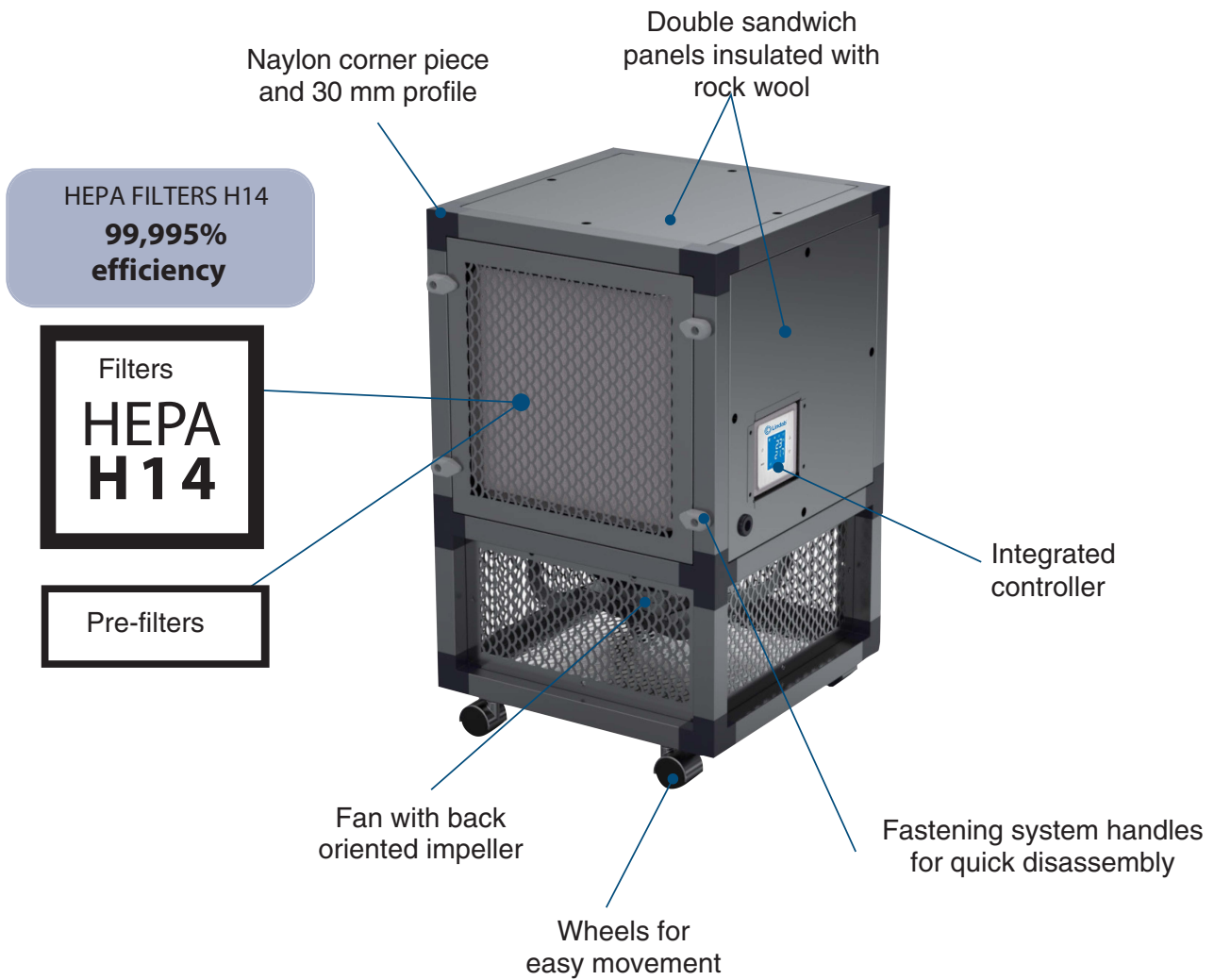
- Reduces the dust particles, smell, microorganism. Ideal for people with allergies or asthma.
- Reduces the dust in the room keeping a cleaner environment.
- Two stage filter, absolute Hepa 14filter and molecular filter which reduces in a matter of hours the load of contaminant particles from air like microorganism, bacteria, viruses etc.
- Equipped with an efficient and silent fan, which has low energy consumption.

### Ideal for interior spaces with different uses

- sanitary system, pharmacies, clinics
- offices
- receptions
- waiting rooms and common areas
- restaurants
- class rooms
- houses

	LINAIR S300	LINAIR L600
Height with wheels (mm)	670	975
Width (mm)	412	412
Length (mm)	412	412
Weight (Kg)	30	50

## Components and operating mode



## Characteristics

- High efficiency purification unit built in soundproof steel structure, galvanized for corrosion resistance
- Available in two versions with motor (AC or EC)
  1. **LINAIR S AC/EC** up to 300m<sup>3</sup>/h for interior spaces (height 2,5m) max surface 45m<sup>2</sup>.
  2. **LINAIR L AC/EC** up to 600m<sup>3</sup>/h for interior spaces (height 2,5m) max surface 90m<sup>2</sup>.

### Housing:

- Soundproof 30mm extruded aluminum profile, nylon corners and pre lacquered steel sandwich panels, RAL 9006, class M0, with 25mm internal rockwool insulation class A1 (non combustible) and 90Kg/m<sup>3</sup> density. Panels come with quick release fastening system for easy assembly and disassembly, whether for cleaning or maintenance.
- Filters are located in the perforated side panels, with handles and fastening system. This ease of access optimizes maintenance and filter replacement. For filter replacement and manipulation it is recommended the use of appropriate PPE's.
- Purifiers are equipped with 4 wheels with brakes on the base for ease of mobility throughout the interior spaces.

### Fan:

- Equipped with high efficiency single inlet - backward impeller with self-cleaning system, made of polyamide, statically and dynamically balanced at the factory.

### Filters:

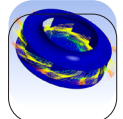
- **Dual filtering stage on two sides** comprised of 2x filter ISO COARSE 65% (G4) and 2x filtre HEPA H14.
- 4 filters per purification unit.
- ISO COARSE 65% pre-filters increase the life of the absolute filters HEPA H14.

### Motor:

- 2 versions:
  1. **Low consumption EC** (electronically commutated). IP-44 protection and class B insulation. Standard voltage 230V 50Hz/60Hz.
  2. Asynchronous exterior rotor motor, thermal protection and permanent lubrication ball bearings included. IP-44 protection and class B insulation according to DIN 40.050 H1. Standard voltage 230V-50Hz/60Hz

### Control panel:

- All LINAIR purifiers are equipped with a control panel mounted on the side of the equipment.
- The control panel allows to set up the following parameters:
  1. On/Off.
  2. Automatic function – Autonomous.
  3. Flow adjustment, 0 being the lowest and 10 the highest.
  4. Schedule control for night mode optimization and thus favouring low energy consumption when the interior spaces are empty.
  5. Clogged filter alarm and maintenance indication.



## On request

- Differential pressure switch (INT PS) installation onto the REINTAIR unit for optimization of filter clogging state.

## Technical Data:

	LINAIR S AC	LINAIR L AC	LINAIR S EC	LINAIR L EC
Phase	1 phase	1 phase	1 phase	1 phase
Nominal voltage (V)	230	230	230	230
Nominal voltage range (V)	220-240	220-240	220-240	220-240
Frequency (Hz)	50/60	50/60	50/60	50/60
Rated R.P.M	2480	2530	3980	3600
Rated I (A) 230V	0,42	0,82	1,08	1,28
Rated power (W)	100	190	135	166
Max. Airflow (m <sup>3</sup> /h)	300	600	300	600
Sound dB(A) (1a 6m)	38	42,5	41	44
Surface up to (m <sup>2</sup> )	45	90	45	90
Min. ambient temperature (°C)	-25	-25	-25	-25
Min. ambient temperature (°C)	55	55	50	50

## Technical data filters

	Efficiency	Size WxHxD (mm)	Area (m <sup>2</sup> )	Flow/ Pressure drop at 0,45 m/s (m <sup>3</sup> /h / Pa)*	Weight (Kg)
HEPA FILTER S	H14	305 x 305 x 66	2	151/175	1,9
HEPA FILTER L	H14	305 x 610 x 66	4,1	301/175	3,2
ISO COARSE 65% (G4) FILTER S	ISO COARSE 65%	287 x 287 x 24	0,2	700/70	0,2
ISO COARSE 65% (G4) FILTER L	ISO COARSE 65%	287 x 592 x 24	0,3	1500/70	0,2



## Why Lindab?

1. Lindab has a strong word on the Romanian market since 1994.
2. Lindab customers trust the quality of the products, solutions and services that are being offered.
3. Over 90% of the customers that bought Lindab products would recommend us to others.
4. Lindab always offers support from A to Z.
5. At Lindab you find complete ventilation solutions.
6. You have at your disposal a list of roof installers tested by Lindab.
7. Lindab roofs passed the test of time – 23 years in Romania.
8. You have the certainty you will receive the best looking and safest roof in Romania.
9. Lindab makes custom made products and delivers anywhere in the country starting 48 hours from the moment of the order.
10. Why Lindab? Because we care! We are customers' oriented, down to earth, methodical, and we have common sense.

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