

## L-PAK 150 and 250

### A compact stationary high vacuum unit with high filter efficiency and enhanced flexibility



The optional hood reduces the noise down to 62 dB(A) for L-PAK 150 and 64 dB(A) for L-PAK 250.



All connections positioned in one place simplifies the installation.



The plastic bin liner is easy to change



A filter indicator signals when service is needed

The Nederman L-PAK offers the ideal solution for removing dust and fumes in all types of industries. Typical areas of applications can be found in welding shops, car body shops, construction industries, bakeries, industrial laundries, etc. The L-PAK is also perfect for cleaning of the workplace and the workshop floor.

The L-PAK is easy to position and move due to its compact design, its low weight and the frame for fork lift handling. The integrated PLC-control ensure high functionality and can easily be updated with new functions. The automatic start/stop will save energy as well as extend the lifetime of the unit. The remote start/stop function makes it easy to ensure that everything is shut off when you go home from work.

#### Safe use

The duty idling and the temperature control functions reduce the risk of the fan getting overheated. There is also an indicator to show when service is required.

#### Unique and economic filter concept

The filter concept in L-PAK is unique as it combines high filter efficiency with long lifetime. A dynamic reducer separates coarse particles. Fine particles are separated on surface treated polypropylene filters. This means easily cleaned filters with a long lifetime. The polypropylene fine filter can easily be replaced

by an antistatic filter if needed. You may also add a micro filter to filtrate even the finest particles.

#### Automatic filter cleaning as standard

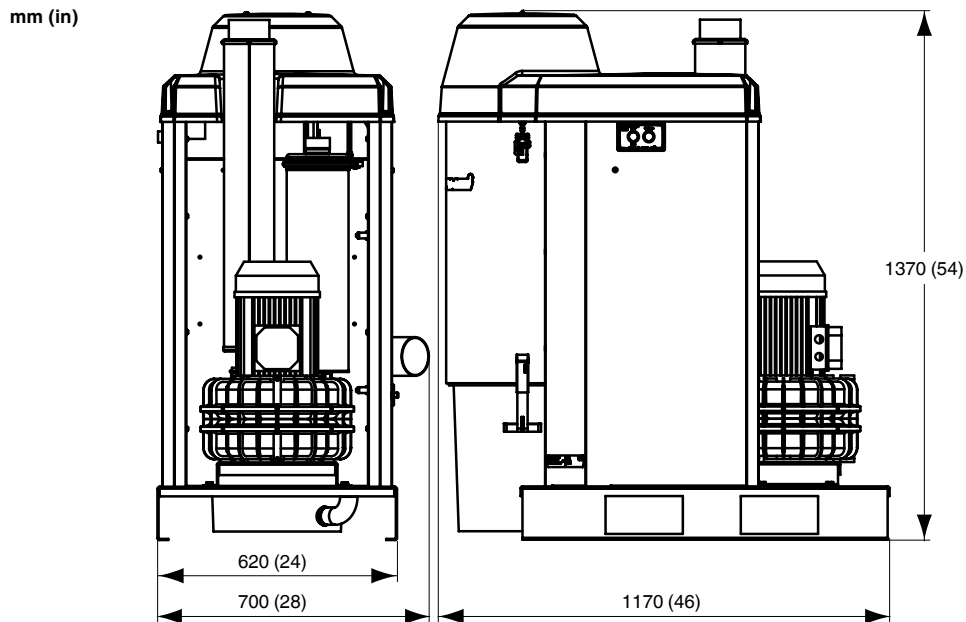
Continuous high performance is obtained by automatic filter cleaning (as standard). L-PAK uses filter cleaning by a short blast of reversed atmospheric air. By the rapid opening of a valve located on top of the filters, a powerful air pulse is created, efficiently dislodging dust from the filter socks.

#### Complete and ready to use

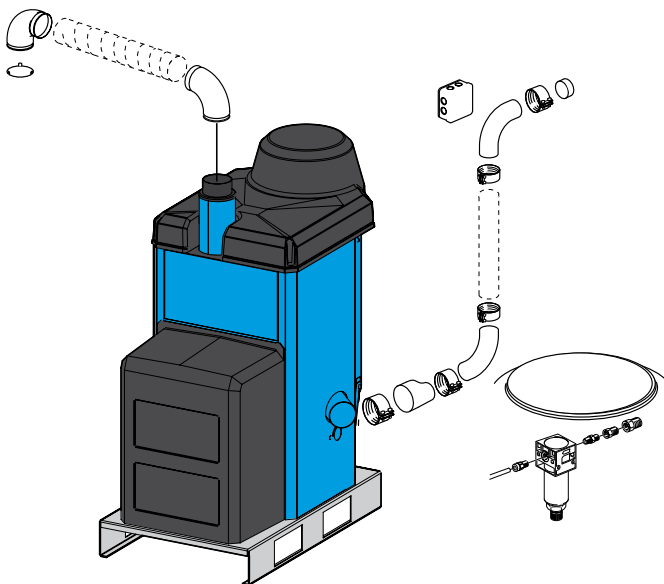
We can deliver complete installations but if you prefer to install your own system, this is very easy to do. As an option you can order L-PAK kits with necessary installation material (including bends, pipe couplers, compressed air filters and a junction box). Nederman can also offer a vast range of accessories like cleaning equipment, vacuum valves, swing arms and grinding tools with integrated fume and dust extraction.

- Easy to install
- Low noise level
- Low running and maintenance costs

## Dimensions Nederman L-PAK 150 and 250



## L-PAK Kits



L-PAK unit including bends, pipe couplers, compressed air filter and junction box, etc.

## Easy to install with L-PAK kits

It's easy to install your own L-PAK system. To help you Nederman can offer a wide range of kits for different applications. All necessary installation material as well as a mounting instruction is included.

## Technical Data

### Easy to install:

- Complete unit delivered on a steel frame
- No settings at installation
- Small footprint
- All connections at one point

### Easy to use:

- Automatic start/stop
- Automatic filter cleaning
- Week timer
- Service indicator
- Easy to empty the bin
- Easy to service

### Low running and maintenance costs:

- Long filter lifetime (3-5000 h)
- Efficient filter cleaning
- Automatic start/stop
- Direct driven fan
- PLC control (easy to update)
- Soft start (250)

### Low noise level:

- 73 dB(a), 63 dB(a) with acoustic enclosure (option)

### High filtration:

- Coated polypropylene filters as standard
- Easy to change filter material (antistatic, cartridge, coarse)
- Easy to install micro filter

## Environmental data

- Low power consumption with automatic start/stop.
- Solvent-free washing and lacquering.
- Halogen-free (PVC-free) cables.
- Recyclable up to 92-94 % (weight) depending on type.

Model		L-PAK 150		L-PAK 250	
		50 Hz	60 Hz	50 Hz	60 Hz
Power	kW	3.0	3.5	5.5	6.3
Capacity free blowing	m <sup>3</sup> /h (cfm)	290 (171)	350 (206)	420 (247)	495 (291)
Capacity at - 15 kPa / 60 in. W. G	m <sup>3</sup> /h (cfm)	150 (88)	190 (112)	250 (147)	290 (171)
Maximum vacuum	kPa / in. W. G.	-22 / 88		-21 / 84	
Filter surface	m <sup>2</sup> / sq.ft.	1.1 / 11.8		1.6 / 17.2	
Filter life (expected)	h	5000		5000	
Noise level ISO	dB(A)	72		74	
Noise level ISO with silencer hood	dB(A)	62		64	
Weight	kg / lb	110 / 243		140 / 309	

*Filtration according to BIA category U.S.*

Model	Article number
L-PAK 150 3 x 400 V 50 Hz	40051900
L-PAK 150 3 x 230 V 50 Hz	40051910
L-PAK 150 3 x 230 V 60 Hz	40051920
L-PAK 150 3 x 460 V 60 Hz	40051930
L-PAK 150 3 x 575 V 60 Hz	40051940
L-PAK 150 380 V 60 Hz	40051950
L-PAK 250 3 x 400 V 50 Hz	40051800
L-PAK 250 3 x 230 V 50 Hz	40051810
L-PAK 250 3 x 230 V 60 Hz	40051820
L-PAK 250 3 x 460 V 60 Hz	40051830
L-PAK 250 3 x 575 V 60 Hz	40051840
L-PAK 250 3 x 380V 60 Hz	40051850
L-PAK 250, 200 V 50/60 Hz	40052000

L-PAK Kits	Connection Ø, mm (in.)	Voltage, V	Hz	Article number
L-PAK 150 Kit	63 (2.5)	230	50	40056370
L-PAK 150 Kit	63 (2.5)	230	60	40056380
L-PAK 150 Kit	63 (2.5)	460	60	40056390
L-PAK 250 Kit	100 (4)	400	50	40056310
L-PAK 250 Kit	100 (4)	230	50	40056320
L-PAK 250 Kit	100 (4)	230	60	40056330
L-PAK 250 Kit	100 (4)	460	60	40056340