



# Alba Flow Negative pressure unit

*Exclusively available at Dehaco*

*DEHACO. The best equipment for a new beginning...*



Alba Flow 1000



Alba Flow 2300



Alba Flow 5700



Alba Flow 10000



# Alba Flow: revolutionary air filtering for optimum comfort

**Welcome to the future of air quality: the Alba Flow range. Designed with advanced technologies and innovative features, Alba Flow offers an unparalleled air purification experience. Let's dive into the unique aspects that make Alba Flow a must-have.**

## **Robust and sturdy housing: less flexibility, more durability**

First of all, the Alba Flow is characterized by its robustness and resistance. The housing is made of Dibond aluminum, which is known for its weather resistance and robustness, but is still lightweight. It also uses a new motor technology that is much more shock-resistant than previous models. This is an advantage if the appliance is dropped or bumped. In other words, the housing can withstand a lot and has a longer service life. Our vacuum cleaner also scores highly in terms of durability. The Alba Flow is the ideal choice for long-term use in demanding environments.

## **Energy efficient and quiet operation**

The Alba Flow also performs very well in terms of energy efficiency. A motor with impressive energy savings of 30 to 70 % was selected. This makes the negative pressure unit a more environmentally friendly option and makes a contribution to environmental protection. The Alba Flow goes beyond air purification. It also ensures extremely quiet operation. The machine offers a noise reduction of 3 dB to 9 dB compared to the previous DEH models. Less noise means more comfort, especially in noise-sensitive environments such as schools, offices and residential areas.

## **Fully equipped**

It is important to us that you can get started in a simple and user-friendly way, and by reducing power consumption, several negative pressure machines can be put into operation on the same power supply. The negative pressure units are also easily stackable and can be set from 0 to

100% performance, an essential function for maintaining the correct Pascal values during the final measurement of a renovation project. This makes it possible to set the smallest areas to a negative pressure of 5 pascals. Another advantage is that the adhesive tape is easier to apply and remove. Compared to the previous series, the devices are also lighter and therefore much easier to handle.

## **HEPA filter**

A HEPA filter with a large surface area was selected. The filters are on average 30% deeper, so that the dust particles have more time to adhere to the filter. The air velocity per cm<sup>2</sup> of HEPA filter surface area decreases as a result, so we need less motor power to achieve the same result. Because of this, the Alba Flow is able to use a more energy-efficient motor which not only reduces the energy consumption but also the sound output of the machine.

## **Modern OLED display**

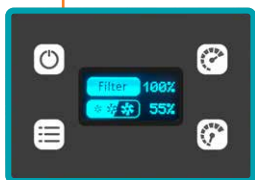
The Alba Flow also has a modern and user-friendly OLED display. This clearly shows the filter contamination and fan speed. It includes functions such as an operating hours counter, a filter contamination indicator, speed control from 0 to 100% and a the latest inspection date.

## Overview



### Shock-resistant motors

- Energy saving for a better environment
- Quiet motors for more comfort
- More impact-resistant than its predecessor

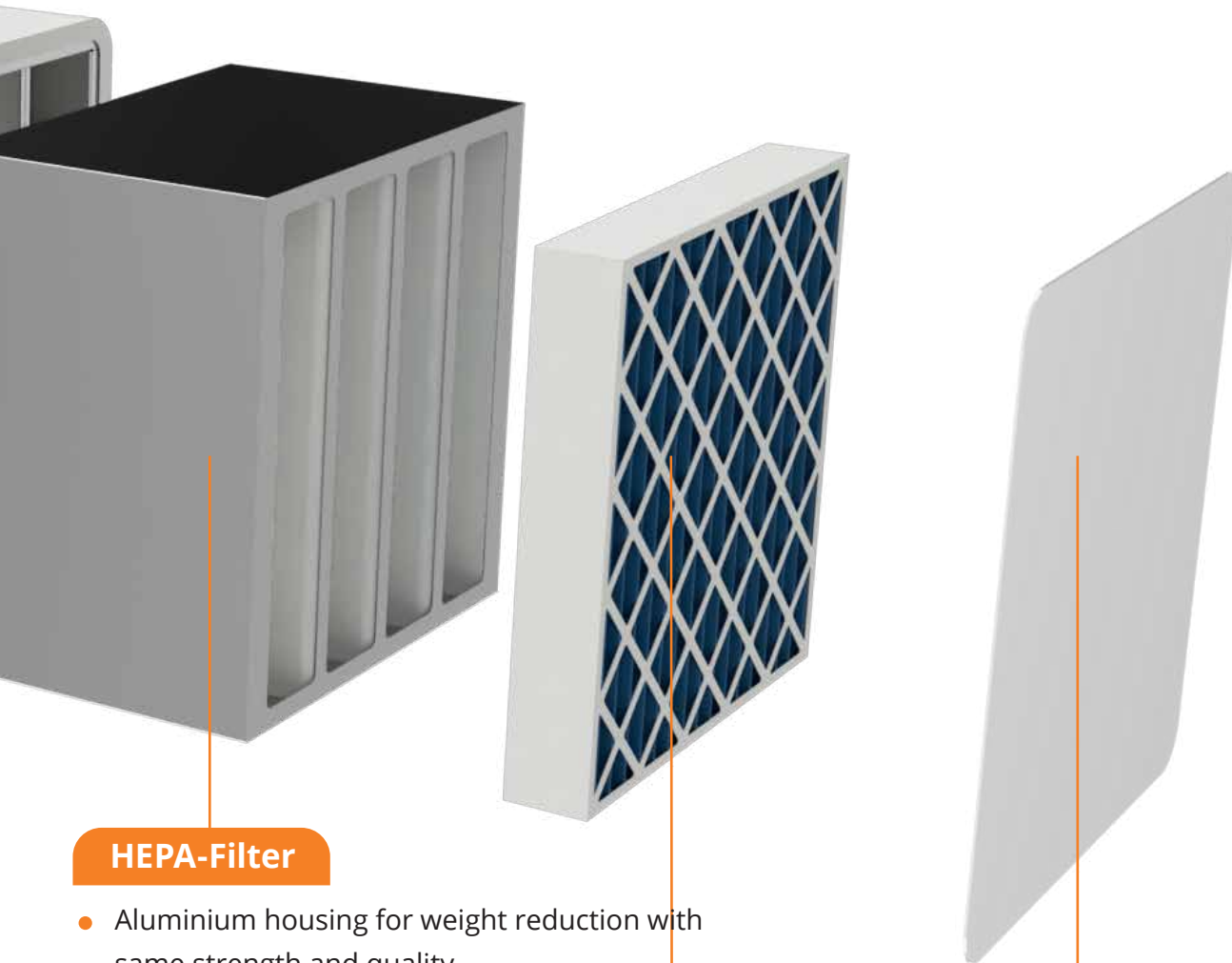


### OLED-Display

- Simple reading of the filter contamination
- Adjustable from 0 - 100% air speed.

### Robust and stable housing

- Made of Dibond aluminium
- Withstands rough handling
- Lower weight for more comfort



### HEPA-Filter

- Aluminium housing for weight reduction with same strength and quality
- Filter class H13

### Pre-filter

- Additional filter layer
- Catches coarse dust before it reaches the HEPA filter
- Extends the lifecycle of the HEPA filter

### Transit plate

- PET-G Transparent polyester transit foil made of polyester. Flexible, but yet robust material with good shock resistance.

## Compare our previous model with our updated one



DEH 750



Alba Flow 1000

Capacity m <sup>3</sup>	750	1000
Watt at 100% performance	237	165
Watt at 50% performance	228	33
Noise emission at full flow rate (dB)	65	60,9
Pre-filter (lxwxh) mm	290 x 290 x 45	290 x 290 x 45
HEPA filter (lxwxh) mm	305 x 305 x 69	305 x 305 x 292
Dimensions (lxwxh) mm	500 x 383 x 480	625 x 397 x 578
Weight (kg)	19	15,5



30% MORE ECONOMICAL



4,1 DB QUIETER!



DEH 2000



Alba Flow 2300

Capacity m <sup>3</sup>	2000	2300
Watt at 100% performance	1179	430
Watt at 50% performance	1110	118
Noise emission at full flow rate (dB)	76	68,5
Pre-filter (lxwxh) mm	375 x 375 x 95	375 x 375 x 95
HEPA filter (lxwxh) mm	381 x 381 x 292	380 x 380 x 400
Dimensions (lxwxh) mm	875 x 550 x 575	886 x 482 x 632
Weight (kg)	40	31



60% MORE ECONOMICAL



47,5DB QUIETER!



**DEH 5000**



**Alba Flow 5700**

Capacity m <sup>3</sup>	5000	5700
Watt at 100% performance	2777	812
Watt at 50% performance	1519	232
Noise emission at full flow rate (dB)	78,5	69,5
Pre-filter (lxwxh) mm	595 x 595 x 95	595 x 595 x 95
HEPA filter (lxwxh) mm	610 x 610 x 292	610 x 610 x 400
Dimensions (lxwxh) mm	1060 x 740 x 830	940 x 712 x 862
Weight (kg)	80	55



**70% MORE ECONOMICAL**



**9 DB QUIETER!**



**DEH 10000**



**Alba Flow 10000**

Capacity m <sup>3</sup>	10000	10000
Watt at 100% performance	2500	1226
Watt at 50% performance	1130	342
Noise emission at full flow rate (dB)	79	71,5
Pre-filter (lxwxh) mm	910 x 610 x 95	910 x 610 x 47
HEPA filter (lxwxh) mm	910 x 610 x 4002	915 x 610 x 400
Dimensions (lxwxh) mm	1238 x 750 x 1143	1033 x 712 x 1162
Weight (kg)	150	82,5



**50% MORE ECONOMICAL**



**7,5 DB QUIETER!**

# Dehaco Products



**Hydraulic attachments**

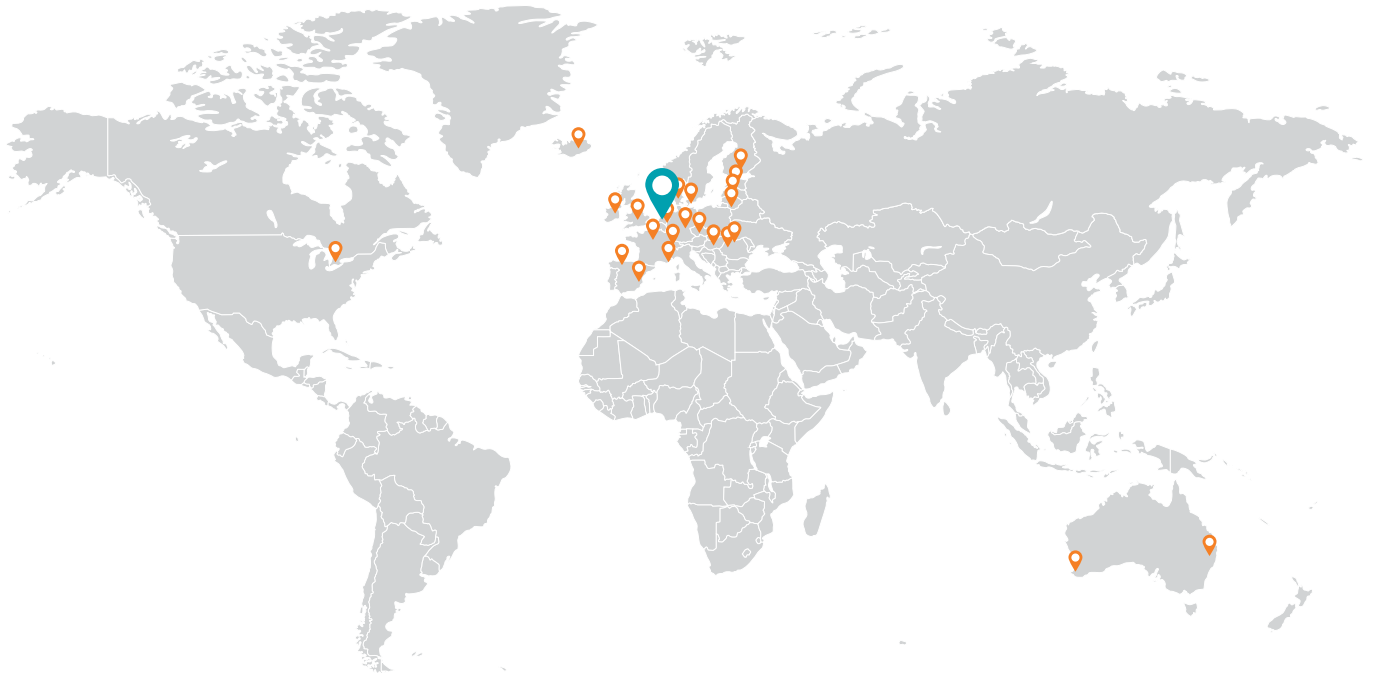


**Dust control products**



**Safety equipment**

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