

- LOW ENERGY • LOW NOISE LEVEL • RELIABLE PERFORMANCE
- EASY TO CLEAN • EASY TO OPERATE • LARGE WORK AREA

CLEANAIR

by **BAKER**

NEG series



POWDER EXTRACTION UNIT

OPERATOR & ENVIRONMENT
PROTECTION



Reliable performance

CleanAir by Baker NEG Series powder extraction cabinets range offers protection for operator and environment during activities where airborne particles can be released (e.g. powders).

- Low energy
- Low sound
- Reliable performance
- Easy to clean
- Easy to operate
- Large work area

Applications

NEG Series is designed for applications such as powder weighing in (hospital)pharmacies and filling of powder containers in pharmaceutical industry, biotechnology, pharmacies, hospital and university laboratories and electronic laboratories.

Available models

NEG Series is available in two models; NEG and NEG AP. Each model is available with or without worktop.

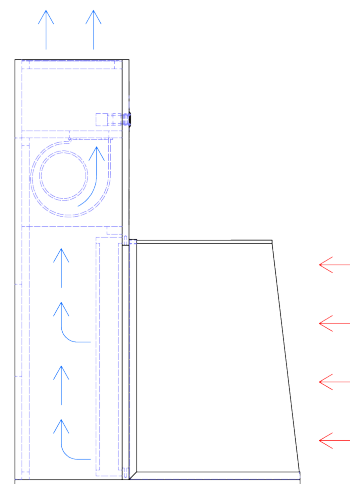
Available sizes

NEG Series is standard available in sizes 2, 3, 4, 5 and 6 ft (60, 90, 120, 150 and 180 cm). Different sizes on request



Basic principle

The principle of NEG Series is based on HEPA filtration of the extracted air. Ambient air is extracted from the environment into the work area of the bench. The HEPA filter at the back of the work area filters the extracted air, in order to offer personnel and environmental protection.



 HEPA FILTERED AIR
 CONTAMINATED AIR

Features & Benefits

General features

- Energy saving EC fans
- Low sound level
- HEPA filter H14 (efficiency of 99,995% MPPS)
- Pre-filter G3 (efficiency of 80 - 90% Am)
- HEPA- and pre-filter easy replacable
- Easy to operate via the front of the cabinet
 - Switch (on/off)
 - Stepless variable (0-100%) speed control
- Tempered safety glass side windows
- Laminate body
- Pre-filter positioned in front of HEPA filter, increasing the lifetime of the HEPA filter

Special features

- Available with or without worktop. A cabinet without worktop can be used in combination with a weighing stone
- Cabinet can be connected to an exhaust system by means of the optional exhaust transition

Safety features

- Fan free of contamination because of it's position behind the HEPA and pre-filter
- HEPA filter and pre-filter surface covers complete work area, ensuring optimal air extraction
- Smooth interior for efficient and easy cleaning

Options & Accessories

- Support frame (fixes / electrical adjustable)
- FL light
- Electrical socket(s)
- Exhaust transition
- FAT / SAT / IQ / OQ

NEG AP



NEG AP Series is designed for pharmacies and other rooms with limited space. NEG AP Series has reduced height and depth.

NEG AP Series is standard available as types NEG 2 AP and NEG 3 AP.

Without worktop



NEG AP

NEG

Cabinets without worktop can be used in combination with a weighing stone.

Technical Specifications

TYPE	NEG 2	NEG 3	NEG 4	NEG 5	NEG 6
PART NUMBERS					
With worktop	NP0530260	NP0530360	NP0530460	NP0530560	NP0530660
Without worktop	NP0531260	NP0531360	NP0531560	NP0531660	NP0531660
DIMENSIONS (MM)					
Exterior dimensions (wxdxh) ^[1]	680 x 750 x 1000	985 x 750 x 1000	1595 x 750 x 1000	1595 x 750 x 1000	1900 x 750 x 1000
Interior dimensions (wxdxh)	583 x 450 x 583*	888 x 450 x 583*	1193 x 450 x 583*	1498 x 450 x 593*	1803 x 450 x 593*
Height with support frame ^[2]	1764	1764	1764	1764	1764
PERFORMANCES					
Airflow velocity (m/s) ^[3]	0,45	0,45	0,45	0,45	0,45
Power consumption (w) ^[4]	40	60	80	100	120
ELECTRICS					
Electrical connection (V)/(Hz)	230 / 50	230 / 50	230 / 50	230/50	230/50
FILTERS					
Pre-filter (EN 779)	G3	G3	G3	G3	G3
Horizontal HEPA filter (EN 1822)	H14	H14	H14	H14	H14

TYPE	NEG 2 AP	NEG 3 AP
PART NUMBERS		
With worktop	NP0529260	NP0529360
Without worktop	NP0529261	NP0529361
DIMENSIONS (MM)		
Exterior dimensions (wxdxh) ^[1]	680 x 670 x 800	985 x 670 x 800
Interior dimensions (wxdxh)	583 x 370 x 429	888 x 370 x 429
Height with support frame ^[2]	1584	1564
PERFORMANCES		
Horizontal velocity (m/s) ^[3]	0,45	0,45
Power consumption (w) ^[4]	30	45

- [1] Support frame with working height 810 mm
 [2] Stand-by mode and light off / work mode and light on
 [3] Optional: velocity can be set to customer request
 [4] Measured in work mode at 0,45 m/s
 * + 7mm without working tray

Standards

The cabinets meet the following standards: 2006/42/EC, 2004/108/EC, 2006/95/EC, EN 61010-01.