

# INCREASE YOUR LAB EFFICIENCY

Atlas  
Small Portable Economical  
Clean Air Cabinets

Scandinavian by Design



LABOGENE

We have the cabinet for you for **whatever kind of protection you require!**



## ATLAS

Atlas are a series of compact individual Clean Air work stations, which incorporate the latest laminator technology and energy-saving designs with HEPA-filtration. Offering complete portability and enabling suitable and convenient positioning in your laboratory.

### How does it work?

The Atlas series are class 1 compact safety cabinets and thus providing operator and environment protection for the safe handling and working with chemicals and powders.

The air enters the cabinet via the front aperture passing through a built-in exhaust fan and HEPA filter, thus providing operator and environmental protection, and then exits the cabinet via the rear of the work surface.

Digital control system, low noise and low energy consumption makes the Atlas an ideal work station module for many applications.

Compact Clean Air cabinets for environment and operator protection



# Distributors **WORLDWIDE**

With more than forty years of experience in the design, manufacture and service of lab equipment, LaboGene strives to make a positive contribution to the scientific community all over the world. We provide equipment of innovative design, superb construction and unsurpassed reliability, while employing energy saving and environmentally friendly components.

In cooperation with our local distributors, we have a worldwide dealer and distribution network that makes it possible for us to provide our customers with top-quality equipment delivered on time, backed up with good technical service for the equipment's lifetime.



Our distributors offer complete support, service and consultation  
For more information and to find your local distributor visit [www.labogene.com](http://www.labogene.com)

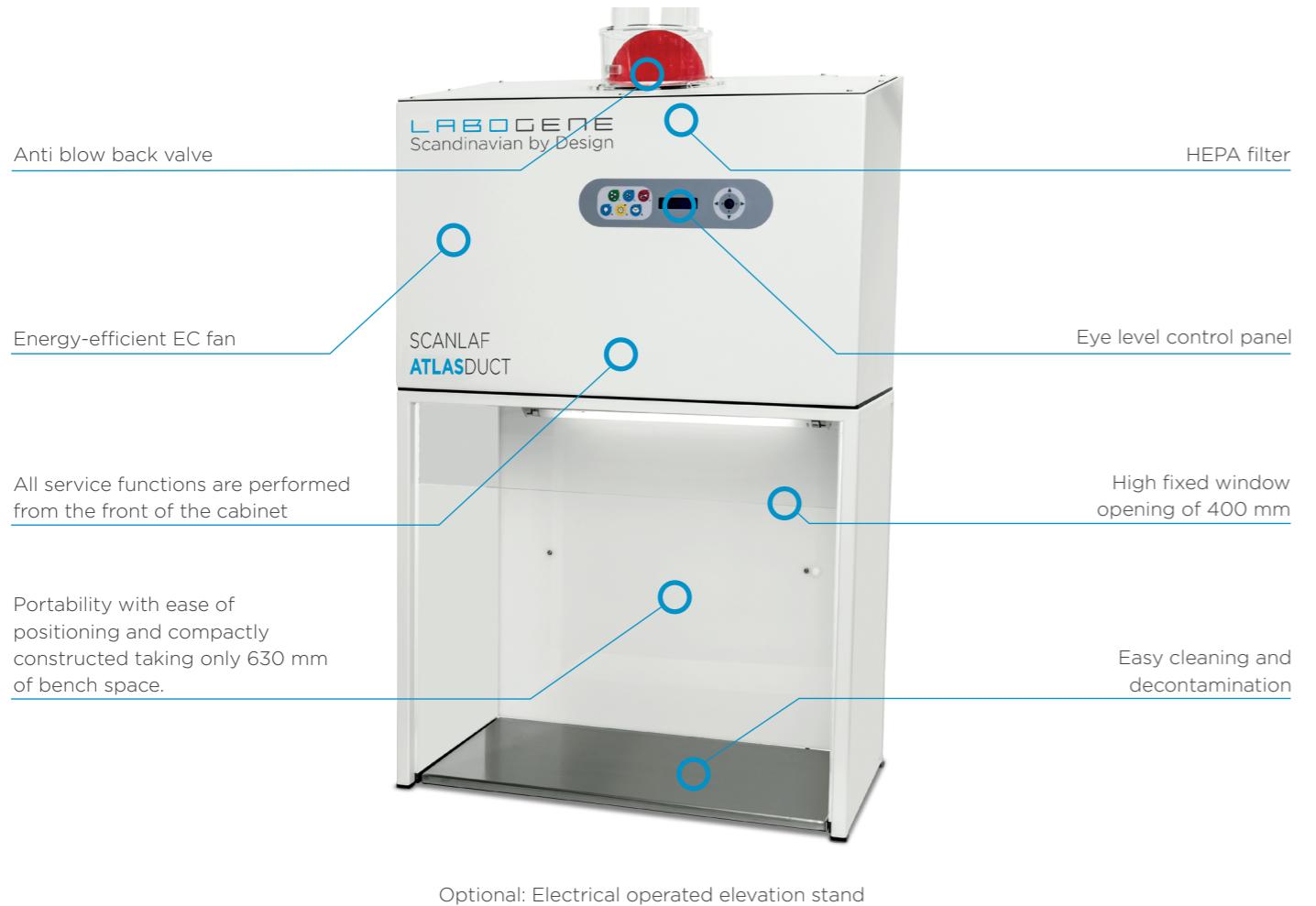
Your local LaboGene distributor



# ATLAS RANGE

## FEATURES & BENEFITS

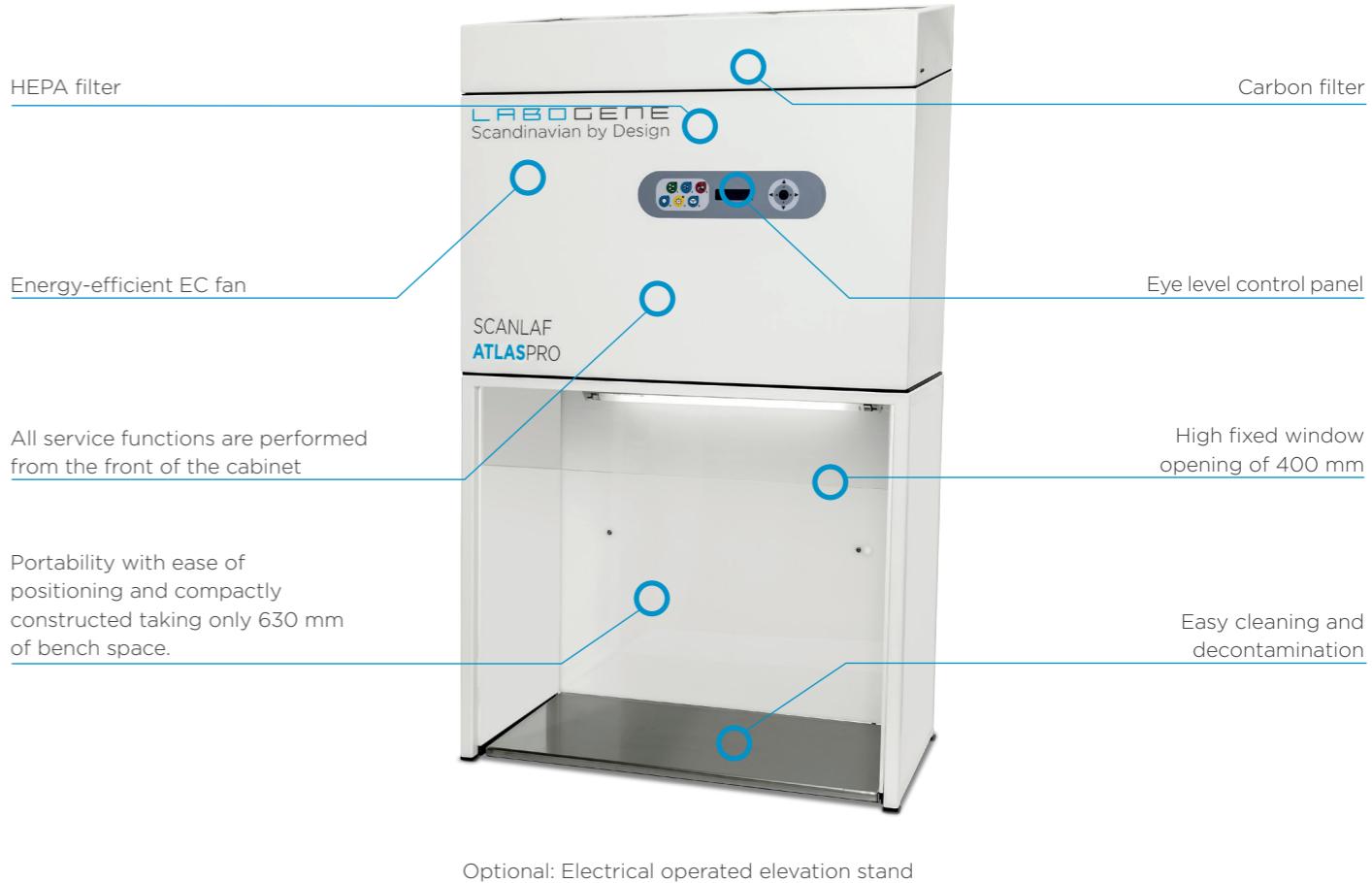
### ATLAS DUCT



The Atlas series consist of Atlas Duct and Atlas Pro allowing portability, sterility, adaptability and use in many applications and procedures, whilst ensuring full protection to the operator, laboratory surroundings and the environment.

**Atlas Duct** is designed for connection to an external extract system. The internal fan ensures full operational safety should any of the external ventilation systems in the laboratory be switched off or non-operational. When connected to the external extract system the Atlas Duct can safely be used for work with organic solvents or powders and includes a direct link for the extraction system operation.

### ATLAS PRO



**Atlas Pro** is designed for recirculation to the room with both HEPA and carbon filter filtration allows working with both powder materials and organic

solvents, giving full operator protection in both applications.

| Products   | HEPA filter | Carbon filter | Anti blow back valve + signal PCB | Extract fan |
|------------|-------------|---------------|-----------------------------------|-------------|
| Atlas Duct | x           |               | x                                 | x           |
| Atlas Pro  | x           | x             |                                   | x           |

# ATLAS RANGE

## FEATURES & BENEFITS

### Optimal operator comfort

- Glare-free lighting gives a comfortable stress-free working environment.
- Easy access with a work opening of 400 mm and low noise level.
- Portability with ease of positioning on existing laboratory tables or benches and can easily be relocated, removed or stored when not in use, it only takes 630 mm of bench space.
- The integrated control panel with LCD display is conveniently positioned for easy viewing and operation. Incorporates easy programming with functions for operating time and lighting adjustments. Exhaust and down flow air alarms, window position correctness, ensuring optimal performance and safety characteristics at all times.
- Auto start/stop function for operator convenience and safety.

### Ultra clean environment – Safety first

- The HEPA filters have a depth of 110 mm with efficiency at 99,999 % against 0,3 µm particles, ensuring a clean sterile work chamber environment.
- High quality stainless steel work tops for long life and easy cleaning and decontamination of all surfaces.
- Easy to maintain as all service functions are performed from the front of the cabinet, including changing of the HEPA filters, pcb's and sensors. Similarly, all adjustments of alarms and fan speed also are made from the control panel at the front.
- Inflow air speed 0.4 to 0.7 m/s to give the ultimate protection to the operator and environment.

### Energy saving benefits

- Latest energy-efficient EC fan ensuring low energy consumption of less than 0.2 Amp. Saving up to 85% of energy compared to the old AC fans.
- Annual operating costs are reduced due to the use of a low energy fan, which allows for the use of the HEPA filters with a depth of 110 mm, giving a 50% longer filter life.
- Low energy consumption results in less heat transmission to the work chamber and to the laboratory contributing significantly to a reduction of overall energy costs.
- Possibility to connect a PIR sensor to the cabinet allowing operation at reduced speed, when unattended, maintaining the cabinet's integrity. Full operation when the operator inserts his/her hands into the working aperture.



COMPACT CLEAN AIR CABINETS WHICH INCORPORATES THE ULTIMATE IN PRODUCT AND ENVIRONMENT PROTECTION TO SUIT YOUR REQUIREMENTS!



# Meeting your **SPECIFIC NEEDS**

## **ATLAS** RANGE OF OPTIONS

We offer a range of options to tailor the Atlas cabinet to your specific requirements!

- Connect the cabinet to a PIR sensor ensuring automatically reduced speed operation while you are not working at the cabinet. Full speed and light activation upon detecting any movement at the work aperture.
- An electrical operated elevation stand 700-1000 mm ergonomically correct for operator posture, for either a sitting or standing position whilst working.
- Signals for external ventilation system connection including potential-free contact and a 3-sensor option with pressure switch fitted for indicating

insufficient pressure drop in the exhaust air duct, thus giving the operator maximum safety conditions at all times, for the Atlas Pro.

- Possible to fit a carbon filter (instead of a HEPA filter). Optional top box with a carbon filter mounted on the Atlas Duct cabinet.

Other options are available; i.e. anti-blow back valve ducting kit for exhaust on Atlas Pro, USB ports, flow sensors, pressostat etc.

Contact the LaboGene distributor in your specific country for more information about all options and any customization requirements of the cabinets.



# 40

## YEARS OF EXPERIENCE

LaboGene are experts in the fields of Clean Air & Laminar Flow, Centrifugation, Vacuum & Cooling. We provide both standard and perfectly customised solutions. Designing, developing, manufacturing and marketing laboratory and industrial equipment is our speciality.

### Leading supplier in:

Microbiological safety cabinets  
Freeze dryers  
Freezers  
Centrifuges

**Learn more at [www.labogene.com](http://www.labogene.com)**



LaboGene ApS  
Bjarkesvej 5  
DK-3450 Allerød

Tel (+45) 3940 2566  
Fax (+45) 3995 2566  
Email [info@labogene.com](mailto:info@labogene.com)  
Web [www.labogene.com](http://www.labogene.com)



**LABOGENE**  
Scandinavian by Design

