



VENTILATION  
TECHNOLOGY

**PURIMA**<sup>®</sup>

[www.purima.com](http://www.purima.com)

System solutions for safe working with hazardous substances



## VARIO-FLOW 4.0

NO COMPROMISE ON EASE OF USE,  
EFFICIENCY AND PRODUCTIVITY

Every day, industrial, chemical and pharmaceutical production processes create emissions when handling hazardous substances. We need to protect ourselves and the environment from these emissions. The efficient VARIO-Flow 4.0 air supply and extraction system offers optimum protection from vapours, gases and dusts, as well as bio-toxic substances.

### Combined ejector and air extraction technology

Ejector technology directs airborne hazardous materials towards the extraction system, ensuring high levels of safety and energy savings, alongside effective air extraction.

### Constant safety monitoring

An integral monitoring system continuously monitors the most important parameters such as air pressures in the working area or filter saturation.

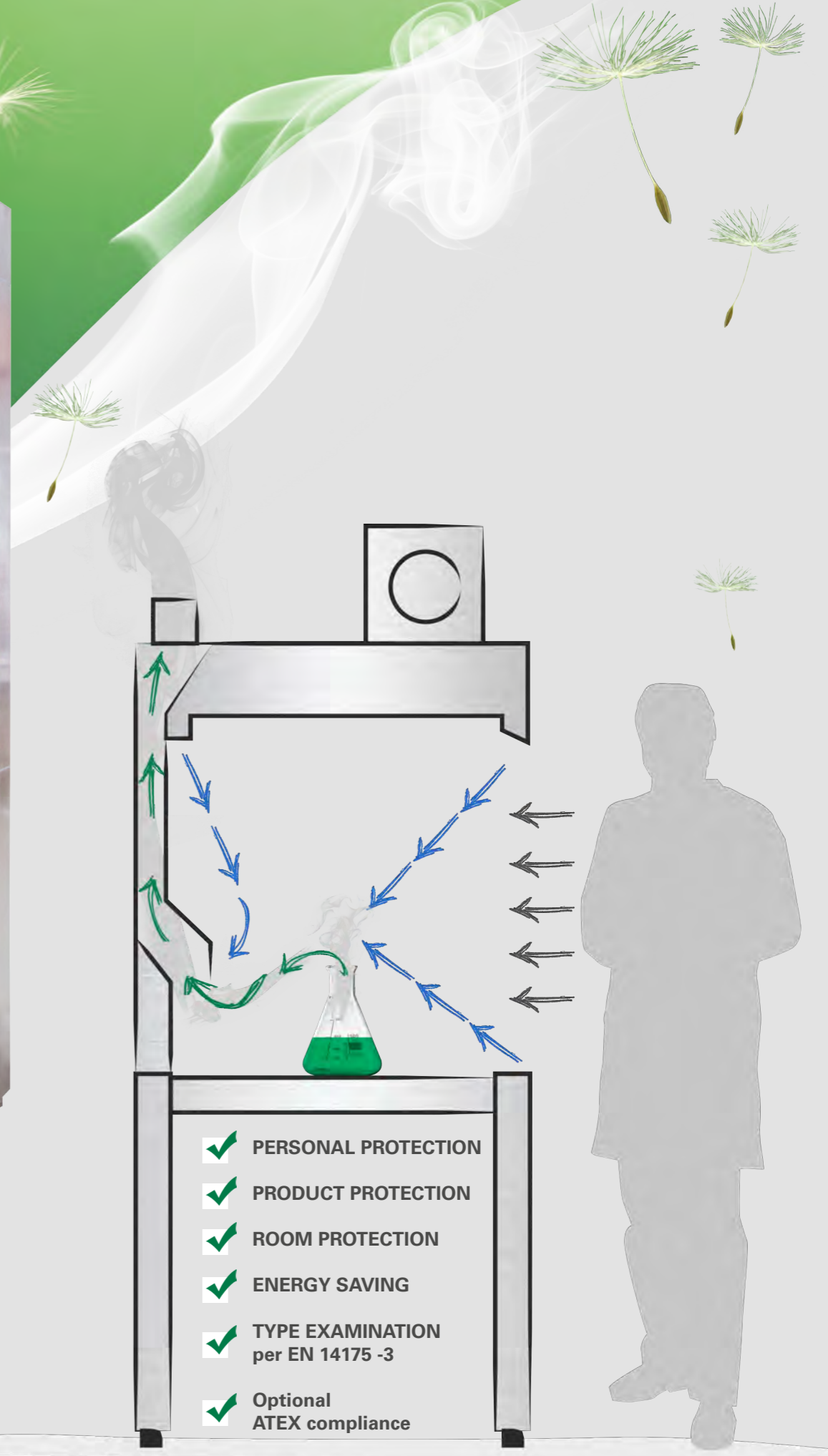
### Safe working with an open front

Ejector nozzles at the top and bottom of the working area create an air curtain, which protects the user from toxic substances and also guarantees optimum freedom of movement and comfort while working.

### Areas of application

- Industry, laboratories, pharmaceutical, food industry
- Weighing tasks
- Sampling
- Dispensing and filling
- Mixing
- Cleaning
- Siphoning and evaporation

**VARIO-Flow 4.0**



- ✓ PERSONAL PROTECTION
- ✓ PRODUCT PROTECTION
- ✓ ROOM PROTECTION
- ✓ ENERGY SAVING
- ✓ TYPE EXAMINATION per EN 14175 -3
- ✓ Optional ATEX compliance



## WORK AREA

- With combined ejector and air extraction technology
- Open front with stable air curtain
- No draughts
- Air extraction louvres on the rear wall; can be easily removed for cleaning



## OPERATION & MONITORING SYSTEM

- Continuous monitoring of air supply and extraction system
- Visual warning
- Integral control system
- Setting of target values
- Display of actual values (air pressure etc)
- Data log and admin



## FAN & FILTER SYSTEM

- Individual air and filter performance
- Low noise level
- Adjustable filtration level



## GLARE-FREE LIGHTING

- LED technology
- Energy saving
- Optimum lighting



## BASE

- Suitable for standing or sitting work
- Integral, simple user operating panel
- Height-adjustable feet
- Accessible underneath for ease of transport

## OPTIONAL DESIGNS

CHOOSE FROM OUR WIDE RANGE OF EQUIPMENT OPTIONS

### MODULAR CONSTRUCTION



- Top unit for combination with lab tables
- For standing or sitting work

### WORK SURFACES



- Worktop
- Ultrasonic
- Rinse tank
- Drip tray
- Weighing cell

### OPERATION

Easy & Touch



### REAR WALL & SIDE PANELS



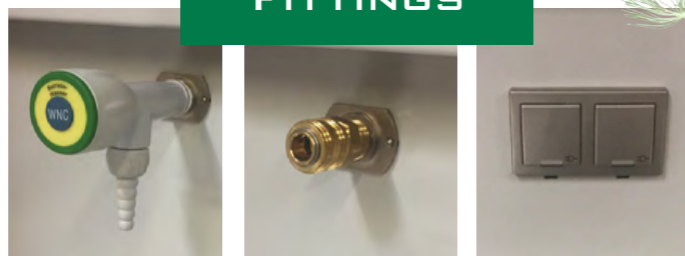
- Polished stainless steel
- Safety glass
- Splash protection steel
- Powder coated steel

### WORKTOP



- Stainless steel
- Trespa
- Ceramic
- Special materials

### FITTINGS



- Water
- Gas
- Sockets (Option: Ex-proof design)
- Compressed air

## TECHNICAL DATA

FACTS AND FIGURES AT A GLANCE

VARIO-FLOW 4.0	1 200	1 500	1 800	2 100
<b>Main unit (top unit and base)</b>				
<b>External dimensions* W x L x H [mm]</b>	1200 x 850 x 2330	1500 x 850 x 2330	1800 x 850 x 2330	2100 x 850 x 2330
<b>Work area W x L x H [mm]</b>	1100 x 700 x 1220	1400 x 700 x 1220	1700 x 700 x 1220	2000 x 700 x 1220
<b>Working height [mm]</b>	910	910	910	910
<b>Top unit</b>				
<b>External dimensions* W x L x H [mm]</b>	1200 x 850 x 1450	1500 x 850 x 1450	1800 x 850 x 1450	2100 x 850 x 1450
<b>Options</b>				
<b>Drip tray</b>			Custom dimensions	
<b>Rinse tank</b>			Custom dimensions	
<b>Ultrasound tank</b>			Custom dimensions	
<b>Weighing cell</b>			Custom dimensions	
<b>Technical data (guidelines)</b>				
<b>Volumetric flow rate - extraction [m³/h]</b>	660	840	1020	1200
<b>Air flow in extraction duct [m/s]</b>	5.8	7.4	5.8	6.8
<b>Noise level [dB(A)]</b>	< 60	< 60	< 65	< 65
<b>Diameter of air extraction connec- tions [DN]</b>	200	200	250	250
<b>Electrical data</b>				
<b>Nominal voltage [V]</b>	230	230	230	230
<b>Frequency [Hz]</b>	50	50	50	50

\* Without air extraction fittings

## TECHNICAL VENTILATION OPTIONS

When there are pollutants in the air, a wide range of requirements will apply to the design and technical solutions for workplaces and special equipment. We can design a suitable solution for any work environment in a craft, industry or laboratory setting.



## WORK TABLES

Our worktables are as flexible as your needs - we'll design a safe working environment to suit your specific requirements.



## MULTI-TASK WORKSTATIONS

Our multi-task workstations offer the best solution for work processes which need a lot of space, while ensuring safety and taking room requirements into consideration.



## CUSTOMIZED SOLUTIONS

These may also be integrated into existing room designs. The range extends from room systems and cleanrooms, to personnel decontamination areas.



## HEAT CHAMBER

A high-specification solution for melting compounds for pharmaceutical products, with an additional airlock function between the two cleanroom classes.

**DO YOU HAVE ANY QUESTIONS OR NEED FOR INDIVIDUAL ADVICE?**

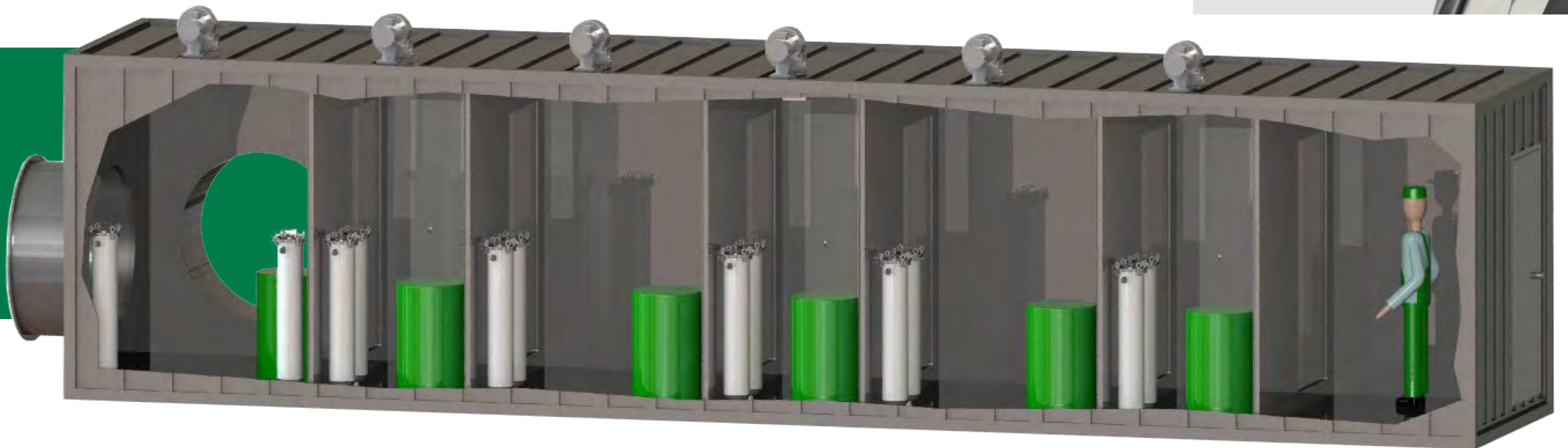
Contact us to arrange an appointment. We'd love to meet you!

Tel.: +49 57 31- 3 04 70-0  
Mail: [info@purima.com](mailto:info@purima.com)



## PERSONNEL DECONTAMINATION AREAS

Mobile containers for the decontamination of personnel following maintenance work in process reactors - designed and set-up as a personnel airlock following the black/white principle.



**PURIMA®**

INDIVIDUAL. PERSONAL. COMPETENT.

Member of



Certified to



Certified to



**PURIMA GmbH & Co. KG**

Südstr. 4  
32457 Porta Westfalica, Germany

Tel. +49 57 31- 3 04 70-0  
Fax +49 57 31- 3 04 70-30

[www.purima.com](http://www.purima.com)  
[info@purima.com](mailto:info@purima.com)

A DENIOS Group company

**DENIOS.**