

Environment



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

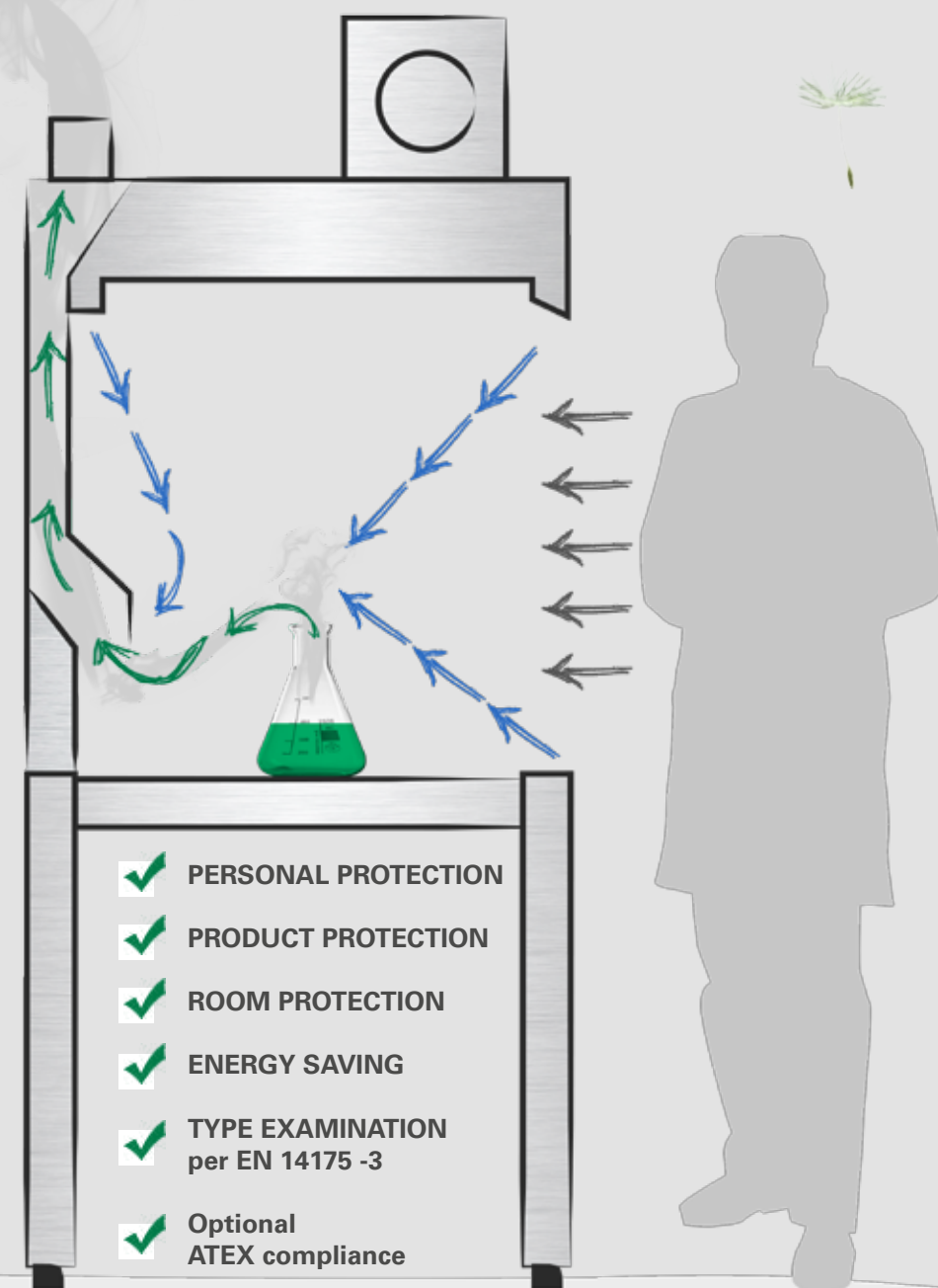
An integral monitoring system continuously monitors the most important parameters such as air pressures in the working area or filter saturation.

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





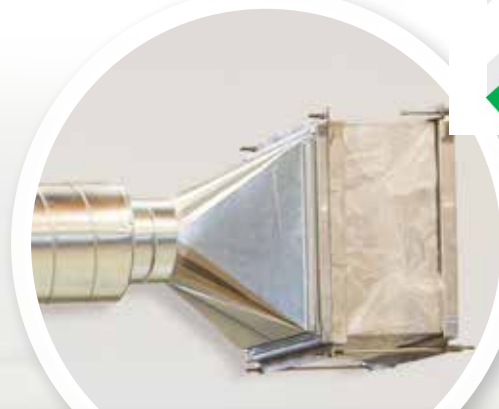
WORK AREA

- 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



WORKTOP

- Stainless steel
- Ceramic
- Trespa
- Special materials




REAR WALL & SIDE PANELS

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



FITTINGS

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



TECHNICAL DATA

FACTS AND FIGURES AT A GLANCE



VARIO-FLOW 4.0	1 2 0 0	1 5 0 0	1 8 0 0	2 1 0 0
Main unit (top unit and base)				
External dimensions* W x L x H [mm]	1200 x 850 x 2330	1500 x 850 x 2330	1800 x 850 x 2330	2100 x 850 x 2330
Work area W x L x H [mm]	1100 x 700 x 1220	1400 x 700 x 1220	1700 x 700 x 1220	2000 x 700 x 1220
Working height [mm]	910	910	910	910
Top unit				
External dimensions* W x L x H [mm]	1200 x 850 x 1450	1500 x 850 x 1450	1800 x 850 x 1450	2100 x 850 x 1450
Options				
Drip tray	Custom dimensions			
Rinse tank	Custom dimensions			
Ultrasound tank	Custom dimensions			
Weighing cell	Custom dimensions			
Technical data (guidelines)				
Volumetric flow rate - extraction [m³/h]	660	840	1020	1200
Air flow in extraction duct [m/s]	5.8	7.4	5.8	6.8
Noise level [dB(A)]	< 60	< 60	< 65	< 65
Diameter of air extraction connec- tions [DN]	200	200	250	250
Electrical data				
Nominal voltage [V]	230	230	230	230
Frequency [Hz]	50	50	50	50

* Without air extraction fittings