



Cross Flow Ecoplant

Smart, safe, and sustainable –
specifically for plant science and
laboratories.





Philosophy

At Interflow, we believe that a safe and clean workspace is the foundation for any high-quality result. For fifty years, we have been creating functional solutions for complex air control challenges. Our Cross Flow units are a clear example of this: they combine advanced technology with safety, comfort, ease of use and sustainability. Not just the technology is key, but above all the protection of products and users.

About Interflow

As a specialist in clean air technology, we design, build, validate and manage laminar flow units, cleanrooms and operating theatres.

Our 7,500m² Dutch production facility, directly connected to our headquarters in Wieringerwerf, allows us to carry out the full production process in-house. This ensures top quality, flexibility and reliable delivery times.

We offer:

- Fifty years of air management expertise
- Market-leading laminar flow units (in both quality and price-performance)
- Client-specific solutions
- One fixed point of contact throughout the entire process
- Fast validation and delivery

This Cross Flow Ecoplant unit is the result of an intensive collaboration between Lab Associates and Interflow. For the first time, these two Dutch market leaders have combined their expertise: Lab Associates as a specialist in laboratory solutions, and Interflow with decades of experience in cleanroom technology and airflow systems.

The Cross Flow Ecoplant has been developed specifically for the plant science and technology industry. This innovative unit offers the best of both worlds: high-end technology and cost-efficiency, without unnecessary complexity. Fully designed and produced in the Netherlands — a strong, sustainable and affordable alternative to international systems.

The unit is available directly through Interflow or Lab Associates.

Safety

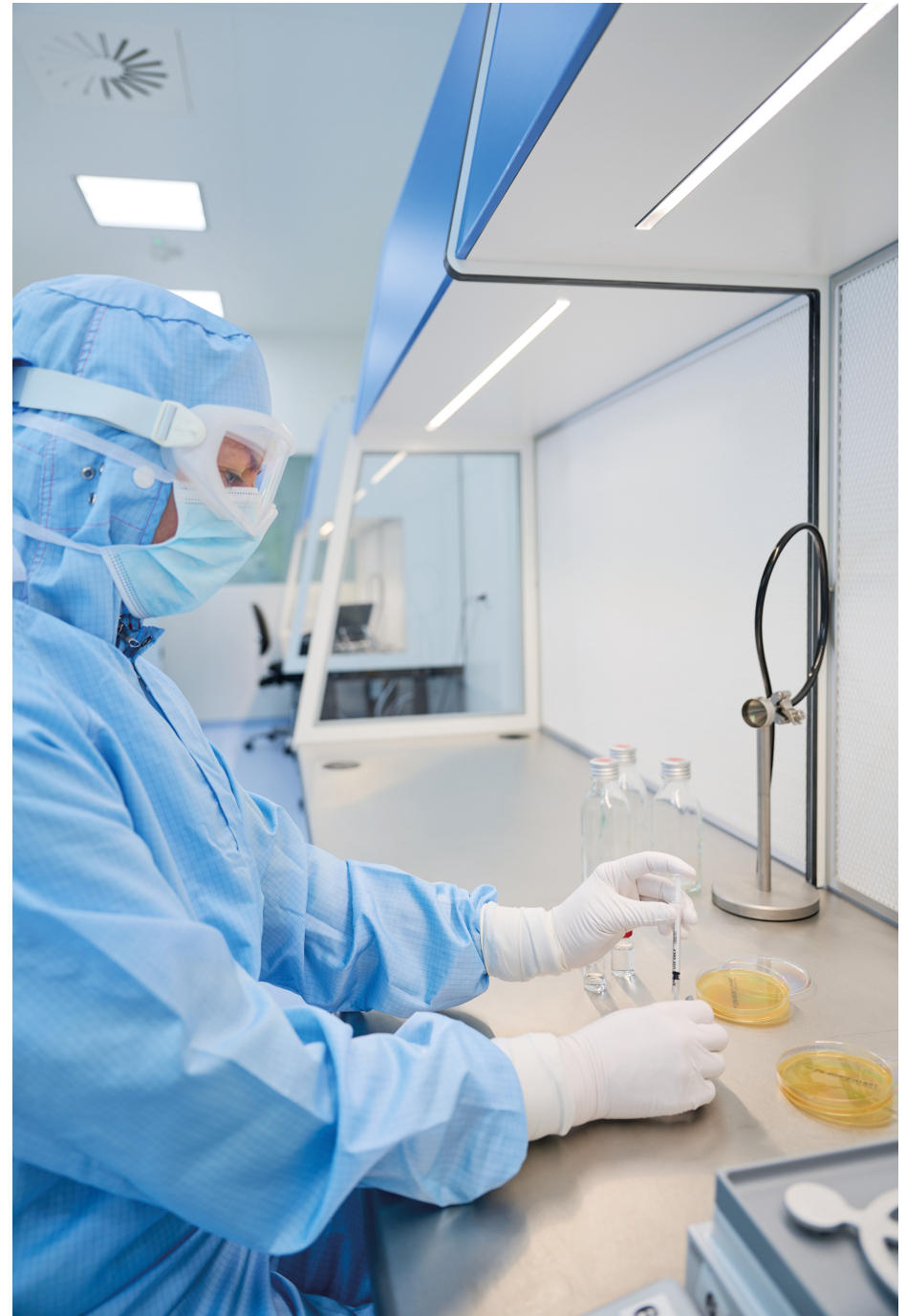
Always the right protection

Our Cross Flow units create a horizontal airflow that continuously supplies clean air and removes contamination. This air is filtered through a G4 pre-filter and an H14 HEPA filter. The result is a low-germ, low-dust working environment that meets the highest standards.

Unique to our units:

- Hermetically sealed for maximum leak-tightness
- Fail-safe design with pressure differentials to protect in case of filter failure
- Compliant with ISO 14644-1 (from ISO class 8 up to ISO class 5), IEST-RP-CC002.4 and GMP guidelines
- Protection against contamination, even in case of unexpected system errors

A clean work area means optimal protection of both product and process. Each unit is thoroughly tested and validated before installation.



Comfort & ease of use

Work with pleasure

Our newest generation of Cross Flow units is designed with attention to working comfort:

- **Touchscreen controls** with day and night settings
- **Ergonomic design** standard with HPL work surface. Optional semi rounded stainless steel work surfaces
- **low noise level** (only 48 dBA) thanks to sound-absorbing materials and vibration-free fans
- **Adjustable LED lighting** without glare or reflections
- **Supporting stand** available at seated or standing height, also electrically adjustable
- **Effortless cleaning** thanks to smooth surfaces and high-end materials
- **Built-in glass bead steriliser** for a clean worktop and safe handling of instruments
- **Specially coated grid** to protect the HEPA filter from damage caused by tools or glass beads



Sustainability For today and tomorrow

We build our units according to the principles of the Trias Energetica:

1. Reduce unnecessary consumption
2. Use sustainable sources
3. Optimise the efficiency of fossil energy

Therefore, our units come equipped with:

- EC fans (up to 70% energy savings)
- Energy-efficient LED lighting
- Day and night switching
- Fully recyclable materials
- Minimal airflow resistance and turbulence thanks to smart design



Customisation & options

Tailored to your practice

Every application is unique. That's why we offer:

- **Modular design** that grows with your needs
- **Custom solutions** for specific environments or situations where standard units fall short
- **User training** for optimal use

Optional extras:

- Visual alarm (LED turns red in case of a malfunction)
- Integrated touchscreen
- Integrated IV rod and seat bar



Validation, management & maintenance

To guarantee optimal performance, we offer:

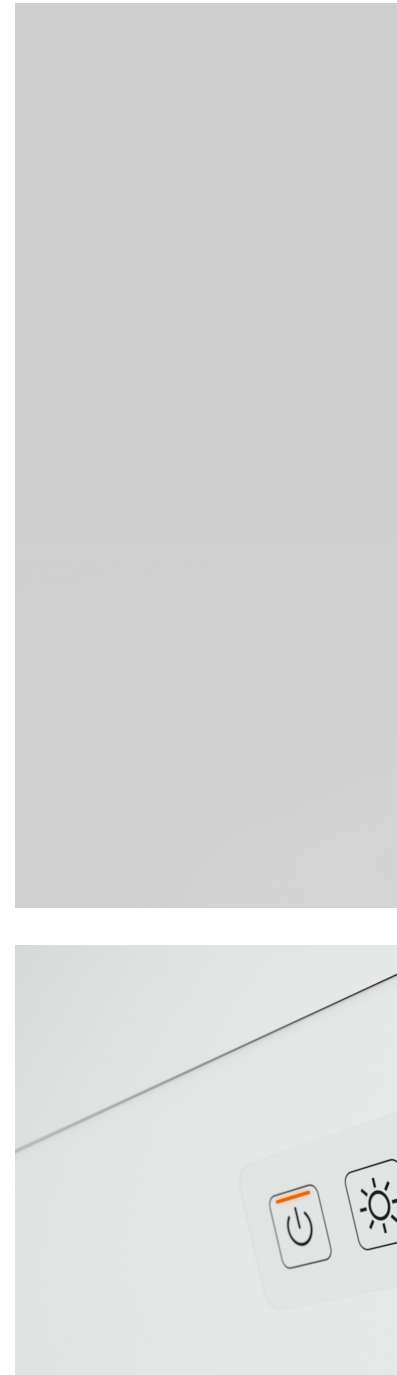
- On-site validation to the highest standards, with immediate access to test results
- Remote system management via our connectivity system for real-time fault analysis
- Maintenance plans to ensure maximum uptime and extend unit lifespan
- Flexible modification options thanks to the modular construction, even if regulations change

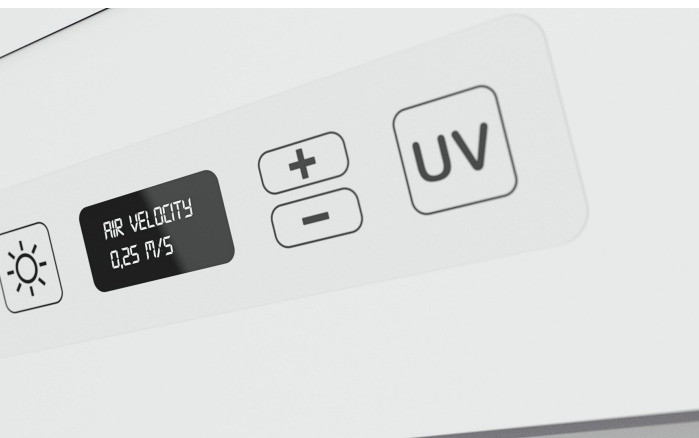
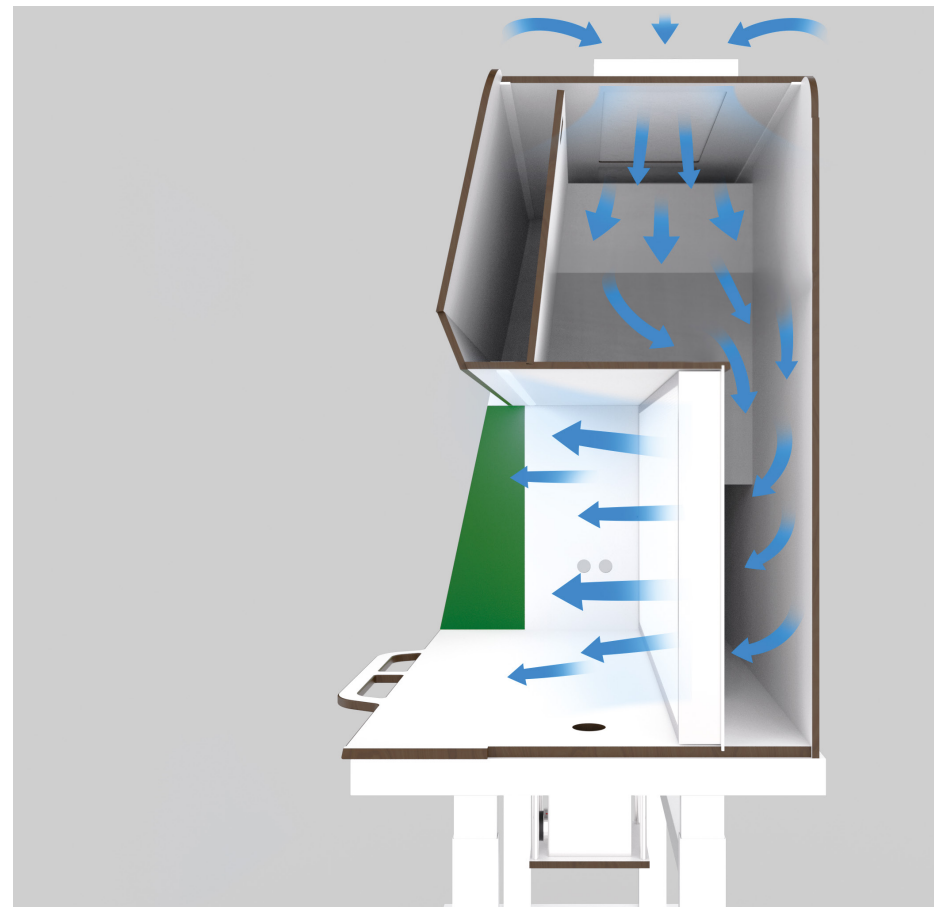
Regular maintenance prevents downtime, extends lifespan and ensures that your Cross Flow unit always meets all requirements for product safety and protection.



In summary Your benefits

- Fully Dutch design and production
- Meets ISO, GMP and CE standards
- Hermetically sealed and fail-safe design
- Optimal product protection
- Ergonomic, quiet and energy-efficient
- Easy to clean and maintain
- Modular, adaptable and sustainable
- Available directly through Interflow or Lab Associates
- The result of a collaboration between two Dutch market leaders







Want to learn more or request a quote?

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