

 **TECNIPLAST**

THE NEW

AIR HANDLING UNIT

Z E P H Y R



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AUTOMATED ANIMAL PROTECTION

The new ZEPHYR is designed to ensure animal welfare and successful operations. The Configuration Wizard helps set up the best configuration for each cage type and rack, ensuring optimal animal care. All functions are accessible via a **user-friendly 10" Touch Screen or a portable device.**

ZEPHYR features a **WiseLight LED Bar** to inform operators about the machine's status and prompt action when needed. An integrated Maintenance Scheduler guides operators through routine and special operations.

Video SOPs and a new integrated Digital Manual are always accessible via the touch screen to support daily tasks. The **Integrated Interceptor Frame and its Scheduler** assist with automated health screenings.



ZEPHYR is an IoT device with **integrated wireless and wired connectivity**, allowing full control and monitoring from any portable device or remote location. This ensures animal well-being through continuous monitoring. The **new Built-in App**, available for Android, iOS, and Amazon, automatically associates all Tecniplast racks via their **QR codes**. ZEPHYR is **Multi Rack Ready**, supporting HEPA-filtered air supply for **up to six Emerald HD racks**. Automatic **firmware updates** ensure each unit operates with the latest software for optimal performance and the benefits of the newest developments.



SUSTAINABILITY

ZEPHYR is made from over **80% recyclable materials**, minimizing environmental impact. It **reduces its CO2 footprint by up to 30%** compared to the previous generation through energy-saving operations, as well. Improved efficiency allows ZEPHYR to **support 50% more Emerald cages**, reducing the number of air handling units per cage and optimizing equipment layout. Additionally, ZEPHYR is **35% lighter than its predecessor** and features improved **ergonomics** for easy transport.



SCALABILITY AND CUSTOMIZATION

ZEPHYR offers customizable configurations to meet your needs. It includes **options for humidity control** to modulate intra-cage relative humidity and can be configured with Guardian for enhanced facility safety. As an option, **ZEPHYR can integrate DVC**, allowing direct connection to DVC racks, without additional hardware.

Customization includes selecting themes, uploading your institute's logo, saving personal SOP videos, and setting custom alarm thresholds and maintenance actions.





DISCOVER MORE ON OUR WEBSITE

Zephyr

Zephyr Touch

Zephyr Humidification Control



TECNIPLAST
innovation through passion

AZIENDA CON
SISTEMA DI GESTIONE
CERTIFICATO DA DNV
UNI/PdR 125

COMPANY WITH
ENVIRONMENTAL SYSTEM
CERTIFIED BY DNV
ISO 14001

COMPANY WITH
INFORMATION SECURITY
MANAGEMENT SYSTEM
CERTIFIED BY DNV

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

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