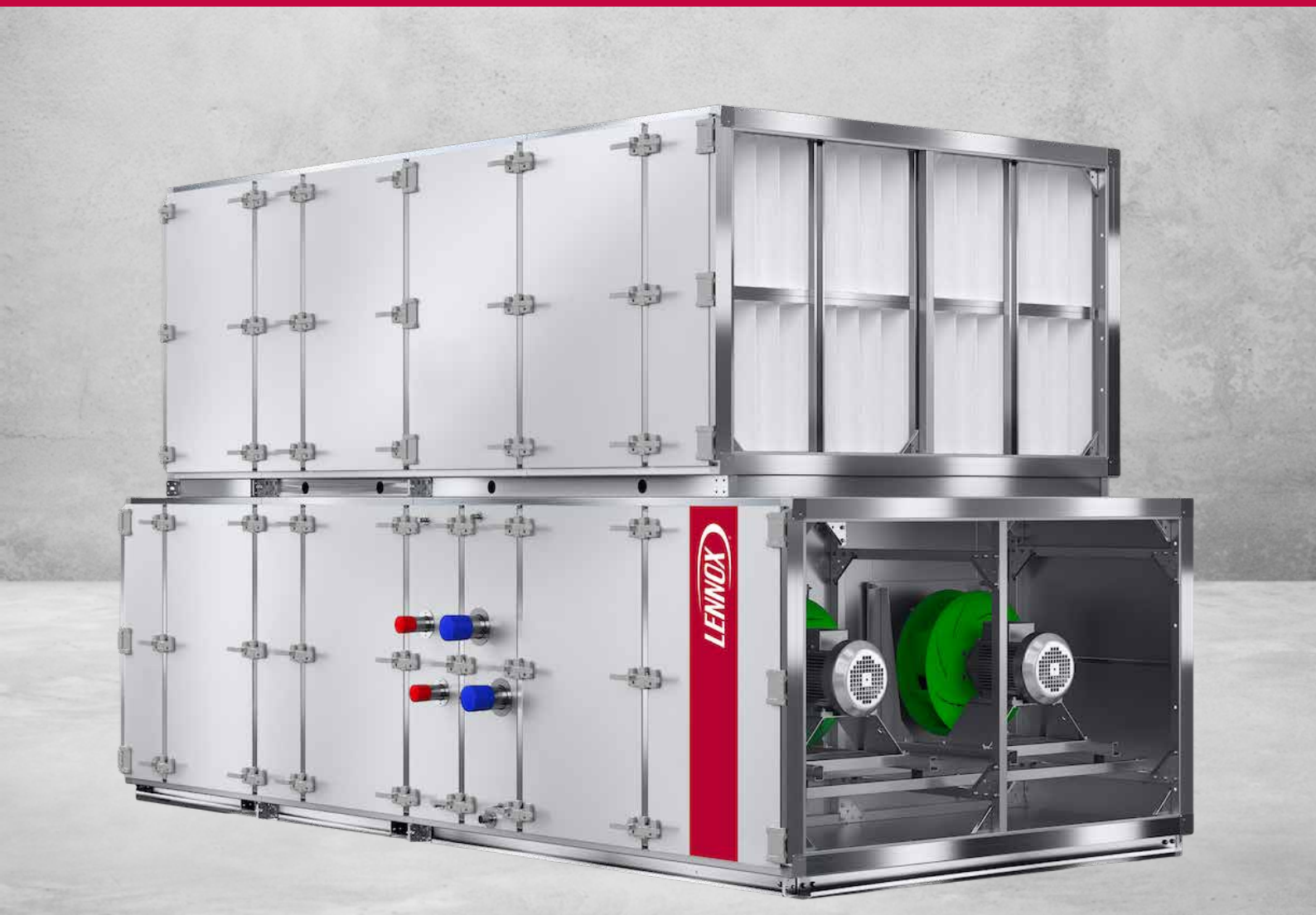
OneAir

Modular air handling units



EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

1100 - 100000 m³/h

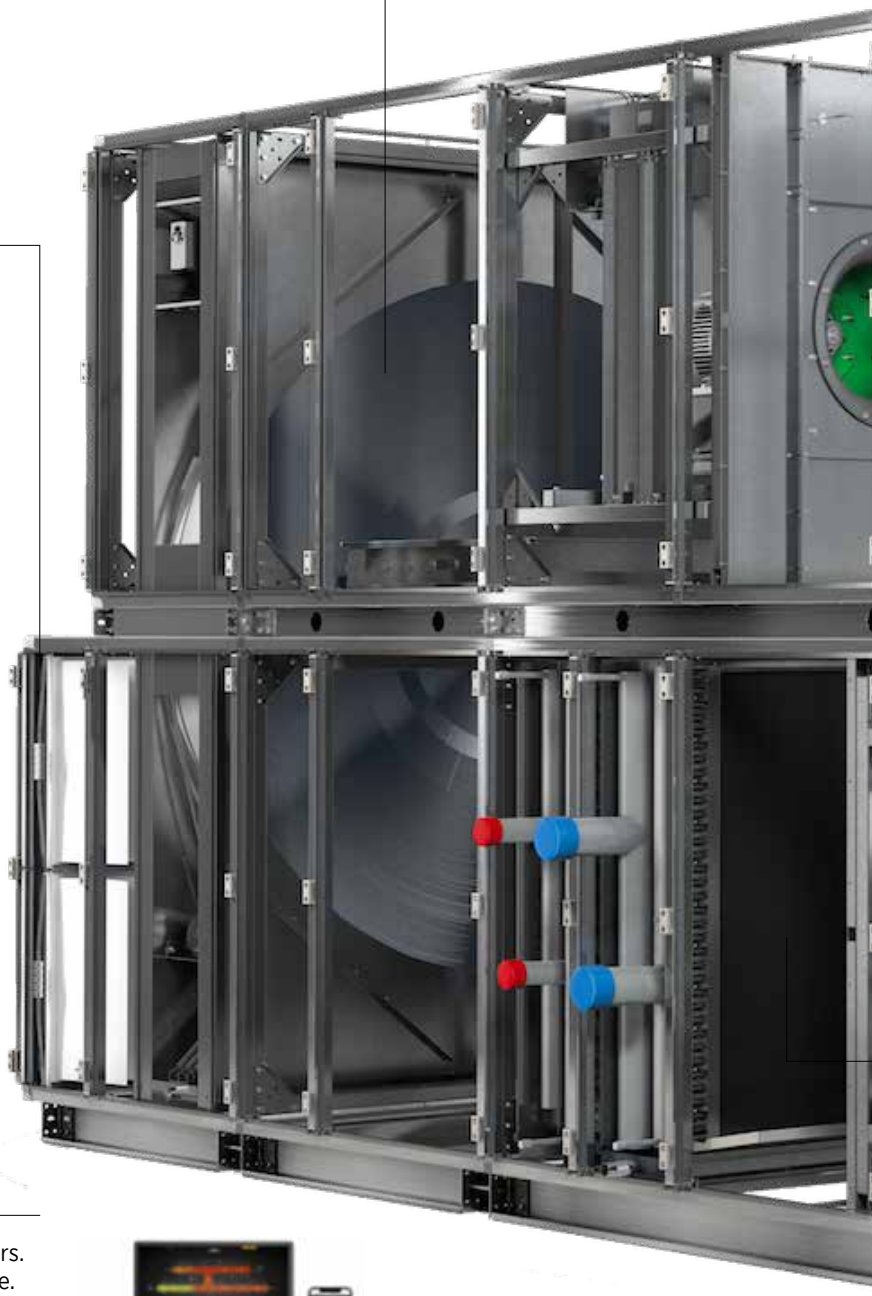
Modular unit with 14 available sizes to provide **high flexibility** to any building design.
Highly efficient recovery system that provides up to 92% efficiency.
Durable and tight structure built with high-quality components to provide **high levels of reliability** to your installation.
Versatile air treatment unit that can operate with chillers, heat pumps or VRF systems.

HEAT RECOVERY

Heat recovery module available in R/A coils.
Cross flow heat exchanger.
Heat recovery wheel and heat pipes.
Heat recovery wheel and run around coils.

CASING & DESIGN

Casing structure made of C-shape 'sandwich' type panels and reinforced by a system of internal frames.
Panels built with steel skin with Aluzinc coating AZ150 for high corrosion resistance.
Rigid and durable casing with high resistance to weather conditions and UV radiation.
Fan section cage with improved longitudinal rigidity of the structure to facilitate jointing of additional sections.
Steel base frame as standard on any configuration.
Broken thermal bridges as standard.
Aluminium structural posts with additional sealing blade and thermal break.
Air dampers made of aluminium with rubber gasket on the edges.
Flexible connection installed on each duct joint to eliminate any vibration transferred by ductwork.



MANAGEMENT SYSTEM

Remote monitoring and management of units parameters.
Easy and intuitive change of the devices operating mode.
Quick setup up of the optimal units operating schedule.
Visualisations of any devices parameters - current and stored data.
Reading of consumed and saved energy.
Access from PC, mobile device, web browser.

AIR TREATMENT

Mixing section equipped with two air inlets/outlets fitted with dampers to enable regulation of fresh and recirculation air share.
Evaporative humidifier equipped with water drainage system and floating valve to control its refiling.
Panel filters made of polyester fibres and installed in 50mm thick frame applied as initial air filtration stage.
Bag filters made of polyester fibres and installed in 25mm thick frame applied as initial, secondary and final air filtration stages.
Filtration classes available:
- Panel filter: G4
- Bag filter: M5 (ePM10 50%)
- Bag filter: F7 (ePM2,5 65%)
- Bag filter: F9 (ePM1 70%)

DIRECT DRIVE PLUG FAN SET

Single inlet, radial, backward curved, free running fan.
Direct drive – fan impeller installed directly on motor shaft.
Fan section consisting of single or multiple fans (fan array) in order to ensure optimum working parameters.
AC or EC FAN type available.

AC FAN

EC FAN

COILS

Water coil for cooling and heating operations or for dehumidifying process.
Direct expansion coils for VRF applications or to be applied as a condenser in heat pump circuits.
Electric heaters equipped with power terminals and thermostat to protect against overheating.