

EVO H



MODULAR AIR HANDLING UNIT HYGIENIC EXECUTION


AIR CAPACITY [m³/h]

500 ÷ 55 000

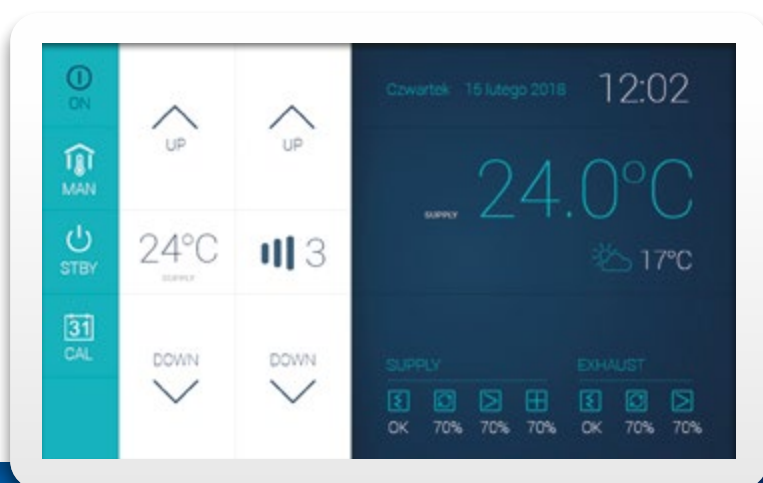
25 BASIC
SIZES

Component Construction

Framework	Advanced composite profiles or high corrosion resistant galvanized steel profiles (insulation version 50), plastic corners.
Panels	Unique Thermal Brake panels made of galvanized metal sheet 0,7m thick covered by polyester coating. Bottom panel (floor) made of stainless steel 0,7mm thick. Panel thickness of 50mm (floor 70mm) filled with non-combustible mineral wool – A1 class fire protection. Fixed panels riveted to the framework and insulated with sealant. Access panels fixed by screw. Access doors fixed by handle-hinge or by handles (optional). Sealing access panels-construction by profile gasket. Gaps between covers and the framework insulated with sealant.
Base Frame	Foundation foots made from galvanized metal sheet: 5100 ÷ 0300 sizes. Base frame made from galvanized metal sheet: 5100 ÷ 0021 sizes. Base frame height – 120mm or 200mm; foundation foots height – 120mm (the trap is included in the height).
Drain Pan	Made of stainless steel, triple sloped, insulated with rubber mat. Recessed in floor. Drainage pipe made of plastic pipe, led out to the side through the AHU's profile beyond the outline. Universal trap for under and overpressure in the place of operation. It is not required to elevate the frame for the pressure of 600 Pa.
Guide vanes	Made of stainless steel.
Air Dampers	Standard aluminium construction. The mechanism hidden in the double profile, separated from external factors.
Connections	Rigid connectors with connectable duct profile connected to the framework through rubber gasket.
Add. equipment	"Dumbo" terminals for pressure switch hoses connection, installed on the AHU's fixed casing. Porthole – all necessary air treatment function are equipped with porthole Lighting – fan section, filter section, cooling section, are equipped with low voltage led technology.

CONTROL SYSTEM

THE CONTROL SYSTEM PROVIDES INTUITIVE OPERATION, CONNECTION TO THE SURVEILLANCE SYSTEM, POSSIBILITY OF ADJUSTABLE WORK DEPENDENT ON INSTALLATION

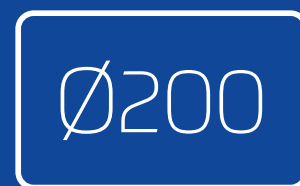


F9 FILTER BYPASS LEAKAGE

HAS BEEN REACHED BY THE USE OF SPECIAL FILTER FIXING SYSTEM

PORT HOLE

PORTHOLES (Ø200) LOCATED IN SERVICE PANELS, IN SECTIONS WITH ILLUMINATION



ANTICORROSIVE COATING

POLYESTER COATED
STAINLESS STEEL

LIGHTING

LED ILLUMINATION (12V) IN SECTION WITH FILTERS, COOLER, FAN, HEAT RECOVERY AND HUMIDIFICATION



DRAIN PAN

TRIPLE SLOPED
EASY MAINTENANCE
EASY "SLIDE-OUT" COIL ACCESS



RUN-AROUND ENERGY RECOVERY

GUARANTEES COMPLETE SEPARATION (100%) OF AIRSTREAMS AND RECOVERY OF LATENT ENERGY WITH EFFICIENCY UP TO 76%

