

EVO P



MODULAR AIR HANDLING UNIT SWIMMING POOL EXECUTION


AIR CAPACITY [m³/h]

1400 ÷ 40 000

25 INDUSTRIAL & TECHNOLOGICAL SIZES
14 BASIC POOL SIZES

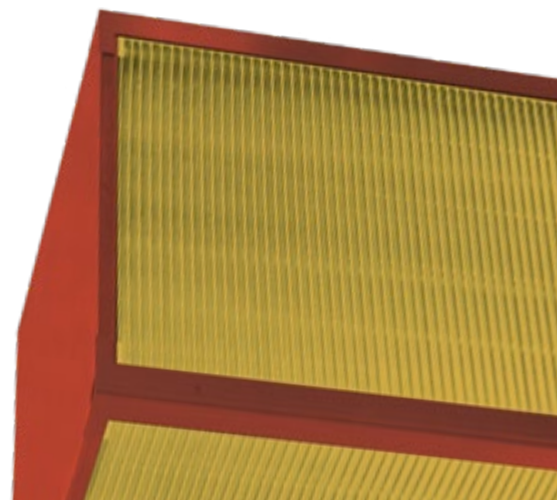
Component Construction

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.
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 600Pa.
Guide vanes	Made of stainless steel.
Air Dampers	Standard aluminium construction. The mechanism hidden in the double profile, separated from external factors.
Connections	Standard flexible connectors with connectable duct profile.
Add. equipment	"Dumbo" terminals for pressure switch hoses connection, installed on the AHU's fixed casing. Porthole – fan section, mixing section, filter section, heat pump module are standardly equipped with porthole Lighting – low voltage led technology – option.

EVO - P C H A R A C T E R I S T I C S

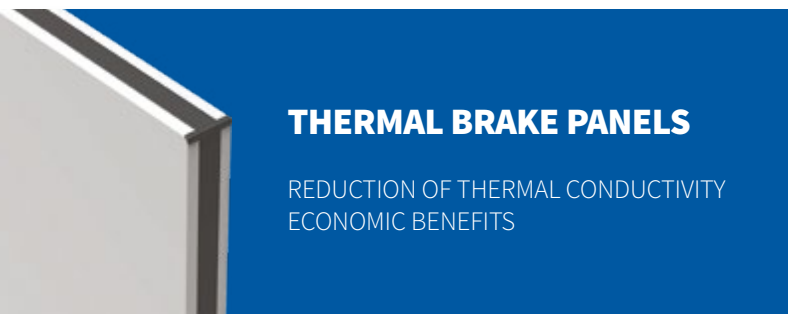
ENERGY RECOVERY

CROSS-FLOW PLATE HEAT EXCHANGER EFFICIENCY UP TO 75%
COUNTER-FLOW PLATE HEAT EXCHANGER EFFICIENCY UP TO 92%
HEAT PUMP FOR DRYING AIR AND SAVING ENERGY



THERMAL BRAKE PANELS

REDUCTION OF THERMAL CONDUCTIVITY
ECONOMIC BENEFITS



DRAIN PAN

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



FAN SET

DDP
SINGLE OR MULTIFAN
AC OR EC SOLUTIONS



ANTICORROSIVE COATING

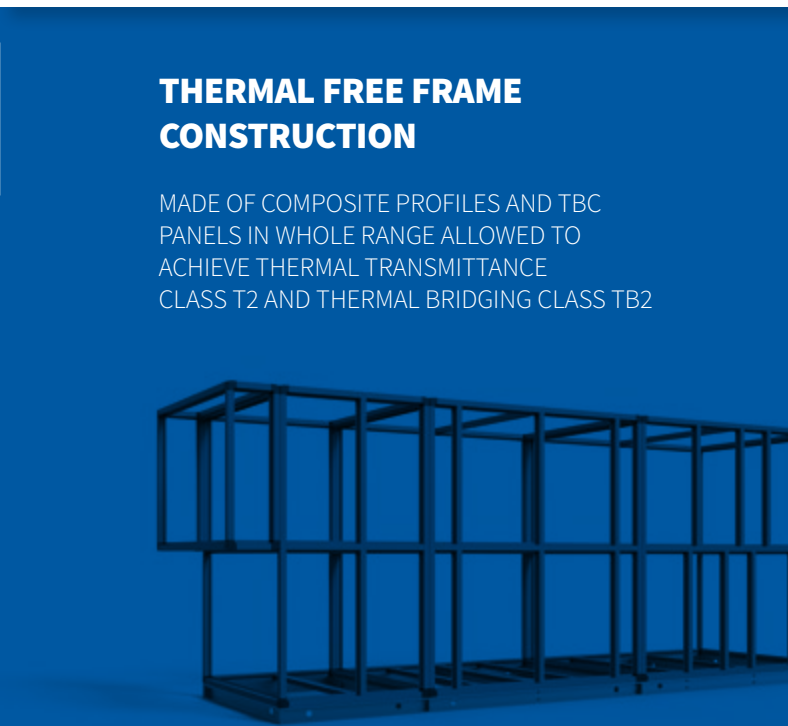
AVAILABLE AS:
POLIESTER COATED OR PAINTED,
STAINLESS STEEL

ANTIREFLEX SURFACE



THERMAL FREE FRAME CONSTRUCTION

MADE OF COMPOSITE PROFILES AND TBC PANELS IN WHOLE RANGE ALLOWED TO ACHIEVE THERMAL TRANSMITTANCE CLASS T2 AND THERMAL BRIDGING CLASS TB2



HEAT PUMP MODULE

BUILD IN INVERTER OR DIGITAL COOLING SYSTEM

