

EVO M



MODULAR AIR HANDLING UNIT MARINE EXECUTION


AIR CAPACITY [m³/h]

500 ÷ 30 000

14 BASIC SIZES

Component Construction

Framework	High corrosion resistant galvanized steel profiles (insulation version 50), aluminium corners.
Panels	Unique Thermal Brake panels made of galvanized metal sheet 0,7mm thick covered by polyester coating or painting. 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 clamps, with pull handles. Access panels equipped with profiled 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 and 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 stainless steel 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	Rigid round connectors made of galvanized metal sheet.
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 are equipped with low voltage led technology.

DISTRIBUTION SECTION

ROUND CONNECTION TO DISTRIBUTE
AIR TO THE INSTALATION DUCT



DRAIN PAN

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



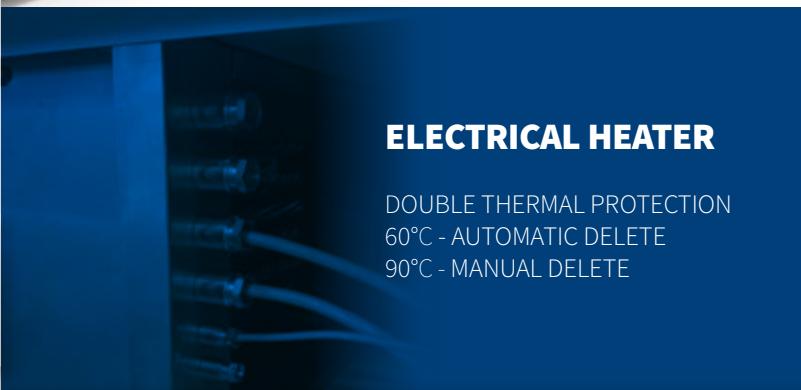
ANTICORROSIVE COATING

POLYESTER COATED OR EPOXY PAINTED
GALVANIZED METAL SHEET,
STAINLESS STEEL



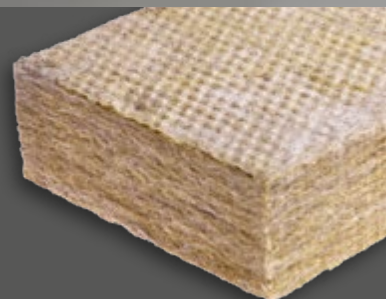
ELECTRICAL HEATER

DOUBLE THERMAL PROTECTION
60°C - AUTOMATIC DELETE
90°C - MANUAL DELETE



INSULATION

50mm FIREPROOF
MINERAL WOOL



RIGID FRAME CONSTRUCTION

UNIVERSAL IN WHOLE RANGE
ALUMINIUM OR HIGH ANTICORROSIVE
GALVANIZED STEEL PROFILES
ALUMINIUM CORNERS



FAN SET

HP CENTRIFUGAL FAN
BELT DRIVEN OR DIRECT
DRIVE AC SOLUTION

