

EVO T COMPACT



SUSPENDED COMPACT AIR HANDLING UNIT


AIR CAPACITY [m³/h]

500 ÷ 3500

3 BASIC SIZES

Component Construction

Framework	Frameless technology
Casing	Made of 0.7mm galvanized metal sheet with high corrosion resistance. Wall thickness 25mm filled with non-flammable mineral wool - A2-S1 class fire protection. Inspection covers, equipped with in the handles, fixed to the butterfly screw housing. Seal cover-housing with a flat seal.
Base Frame	Without frame. Device designed to hang on handles. Handles also used to connect sections
Drain Pan	Made of stainless steel, two-way sloped, insulated with rubber mat. Drainage pipe made of stainless steel pipe, led out to the side through the AHU's wall 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 high corrosion resistant galvanized steel or 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. Lighting – low voltage led technology – option Porthole – option.

CHARACTERISTICS

EVO-T Compact units, function as closed, supply and exhaust devices with heat recovery system on high-performance counter-flow plate heat exchanger with efficiency of up to 92%. The direction of supply/exhaust airflow is parallel or cross. The unit equipment is complemented by air filters, supply/exhaust EC fans

and water heater and could be equipped with automation and control system wired at the factory. Other function like cooling, electrical heating, secondary filtration and noise suppression, could be add in individual sections.

PARALLEL AIRFLOW



CROSS AIRFLOW



- 1** Air filters: panel or miniplate
- 2** Counterflow plate heat exchanger
- 3** Complete set of supply and exhaust EC fan
- 4** Water heater

FUNCTIONS

	PF	PRIMARY FILTER		WC	WATER COOLING COIL
	SF	SECONDARY FILTER		DX	DIRECT EXPANSION COOLING COIL
	WH	WATER HEATING COIL		SL	SILENCER
	CPR	HIGH PERFORMANCE COUNTERFLOW PLATE HEAT EXCHANGER		ES	EMPTY SECTION
	EH	ELECTRIC HEATER			