

TOTAL AIR

Static wall ductable Heat recovery unit with high vertical efficiency

- cod. 12501000 - cod. 12501010 - cod. 12501020



DESCRIPTION

The ventilation unit complete with heat recovery unit is dedicated to energy-free air exchange.

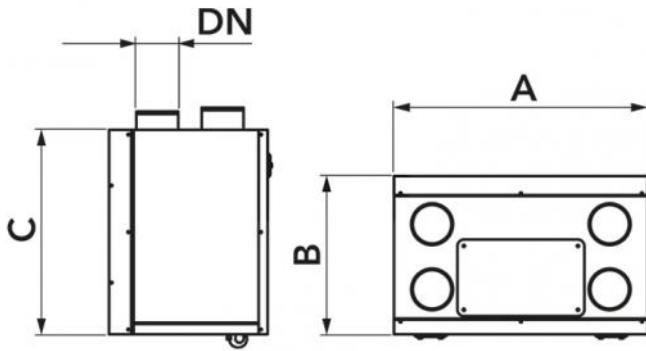
The unit is particularly suitable for individual family units, apartments and in all cases where the nominal flow rates for air exchange do not exceed 500 m³/h.

The unit consists of a monoblock including all components necessary for correct operation and allows operation with a wide range of external temperatures.

Self-supporting sheet metal frame.

High-efficiency cross-flow polypropylene heat exchanger.

Low freezing temperatures and operation down to -25°C.



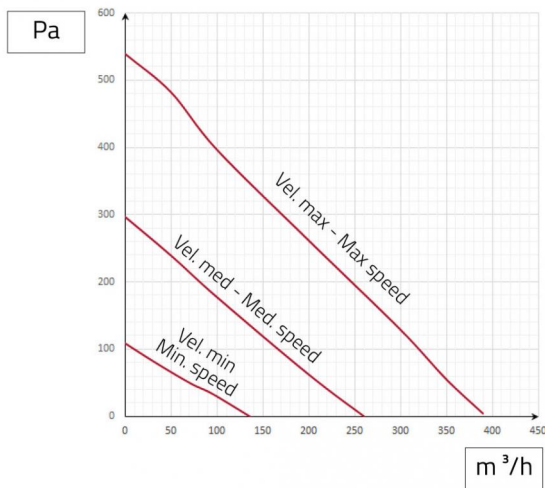
DIMENSIONS

CODE	A [mm]	B [mm]	C [mm]	DN [mm]
12501000	790	640	670	160
12501010	790	770	670	160
12501020	790	770	670	160

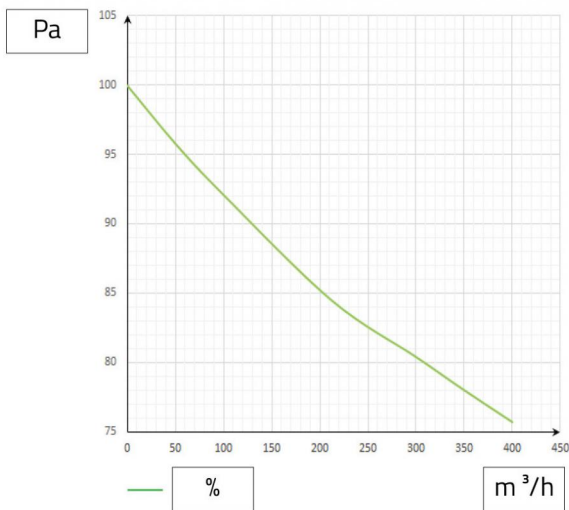
TECHNICAL DATA

MODEL	TOTAL AIR 300V	TOTAL AIR 400V	TOTAL AIR 500V
Supply voltage [V]	230		
Frequency [Hz]	50		
Absorbed current [A]	1.6		3.5
Power consumption [W]	170		340
Protection rating	IP44		
Sound level 3 m [dB(A)]	41	38,4	44,4
Fan type	Radials with backward curved blade - directly coupled electronic motor - 0/10V signal		
Number of fans	2		
Air flow rate [m³/h]	306	375	475
Useful pressure [Pa]	100		
Type of heat exchanger	Counterflow plates - polypropylene material		
Number of heat exchangers	1		
Recovery efficiency [%]	85	87	84
Filter type	Flat filters		
Filtration class	ePM1 70/80%		

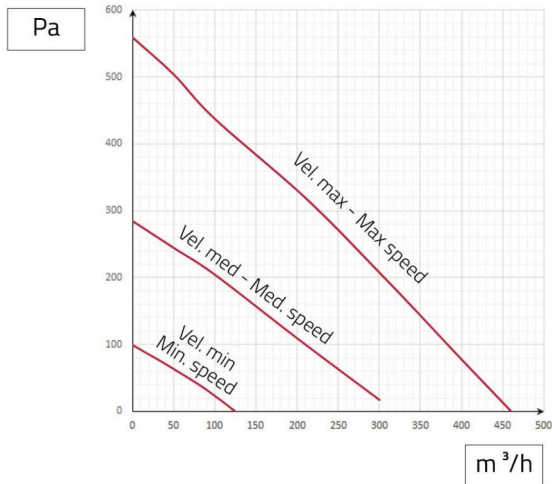
"TOTAL AIR 300V EVO PLUS" AIR DUCT PERFORMANCE DIAGRAM



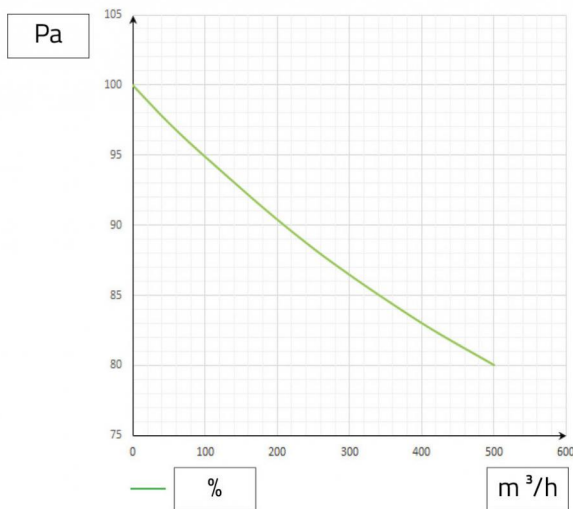
"TOTAL AIR 300V EVO PLUS" THERMAL EFFICIENCY DIAGRAM



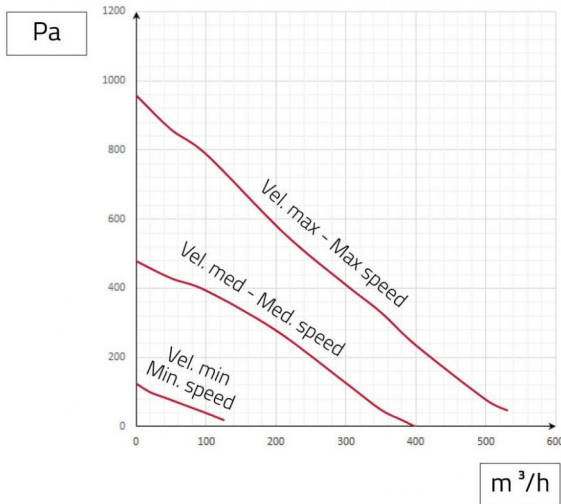
"TOTAL AIR 400V EVO PLUS" AIR DUCT PERFORMANCE DIAGRAM



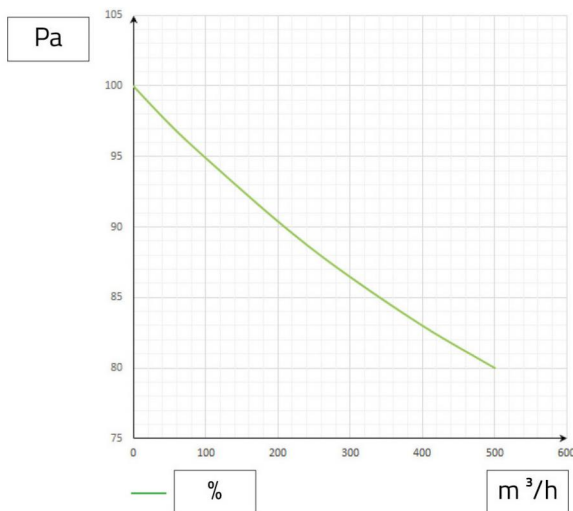
"TOTAL AIR 400V EVO PLUS" THERMAL EFFICIENCY DIAGRAM



"TOTAL AIR 500V EVO PLUS" AIR DUCT PERFORMANCE DIAGRAM



"TOTAL AIR 500V EVO PLUS" THERMAL EFFICIENCY DIAGRAM



ITEMS

CODE	DESCRIPTION
12501000	"TOTAL AIR 200V EVO PLUS" VERTICAL HEAT RECOVERY UNIT
12501010	"TOTAL AIR 300V EVO PLUS" VERTICAL HEAT RECOVERY UNIT
12501020	"TOTAL AIR 500V EVO PLUS" VERTICAL HEAT RECOVERY UNIT

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