



WING

AIR CURTAIN



**YOUR
INVISIBLE
BARRIER**

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WING is the next generation air curtain created from a passion for a light and modern design representing characteristics of gliders.

Unique shape

A minimal casing with a streamlined form of a wing that seems to float in the air. The diamond style side panels hide the excellent components in an innovative curtain body to set new standards for air curtains.

WING combines the unique design and excellent efficiency to redefine the air curtain image.

Quality and design

High quality materials, unique shape and rigid construction are the basic assumptions of the designers of the curtain. Simple cleaning of the curtain, double protective coating and efficient and durable EC motor ensure trouble-free operation of the device.

Energy efficiency

- › highly efficient EC motor
- › maximum unit efficiency even at reduced speed
- › smooth speed regulation
- › optimal fan shape and EC motor let save up to 40% of energy



- » modern and compact design
- » high contrast and clear screen
- » advanced calendar for each day of the week
- » door sensor cooperation
- » BMS systems compatibility
- » preset 3-levels speed control
- » up to 8 air curtains connected with the one controller

DOOR OPTIMUM function

Door Optimum function allows the WING to maintain full protection of the door opening and at the same time optimize costs associated with its operation. It keeps the air curtain operating at minimum speed and continues to protect the door, from the outside air, once the door begins opening it also increases the speed of air by +1 or +2 levels, depending on user's preferences.

Product range

WING C

WITHOUT HEAT EXCHANGER (AMBIENT)

EXHAUST FLOW RATE:
4 m

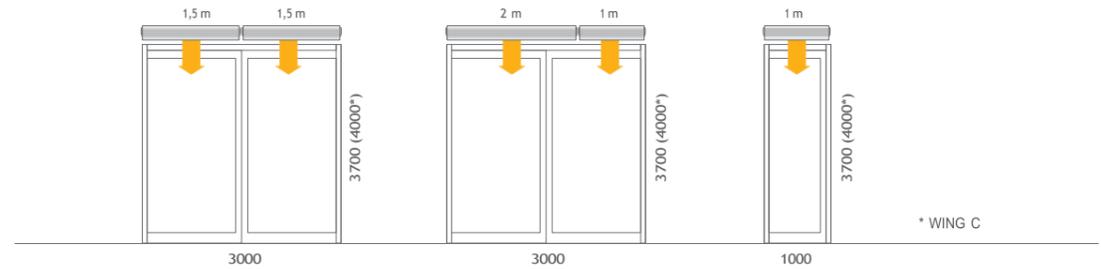
EXHAUST FLOW RATE:
1950-4600 m³/h

WING 100/150/200

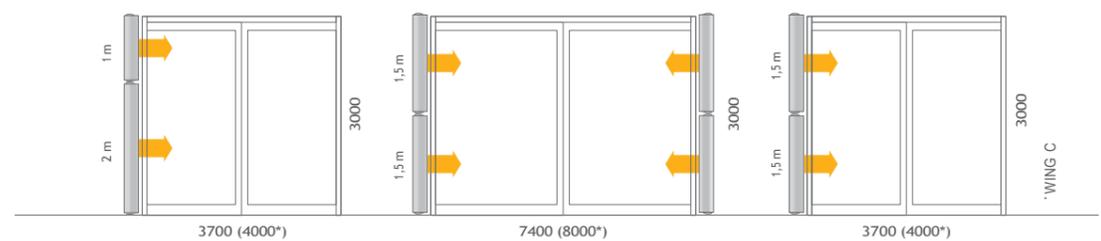


* width does not include side covers

HORIZONTAL INSTALLATION

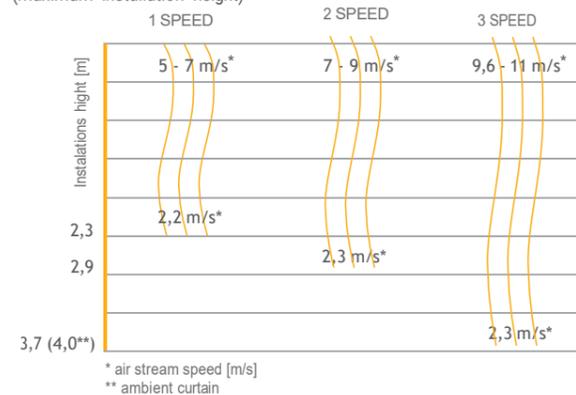


VERTICAL INSTALLATION

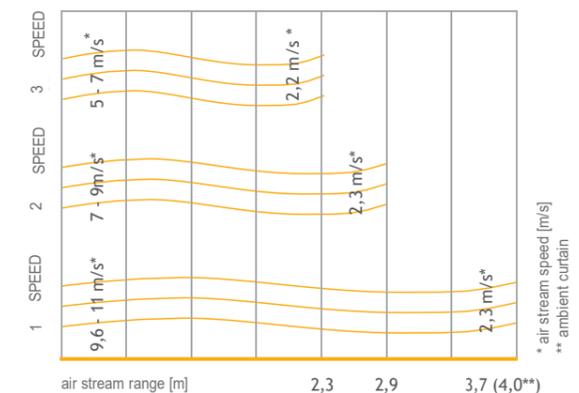


Stream range

Vertical air stream range (maximum installation height)



Horizontal air stream range (for vertical installation)



Technical parameters

PARAMETERS	AMBIENT AIR CURTAIN					
	C100		C150		C200	
	AC	EC	AC	EC	AC	EC
VTS article No.	1-4-2801-0256	1-4-2801-0265	1-4-2801-0257	1-4-2801-0266	1-4-2801-0258	1-4-2801-0267
maximum door width (1 device)	1		1,5		2	
maximum door height (vertical stream range)*	m		4			
maximum exhaustflow rate	m³/h		1950		3200	
supply voltage	V/ph/Hz		~230/1/50			
motor power	kW		0,235		0,2	
rated current	A		0,375		0,3	
weight (without water)	kg		17,9		15,3	
protection rating	IP		20			
casing colour			RAL 9016, outlet grid: RAL 9022			
max. valocity	m/s		11			

Accessories



HMI WING EC controller



Wall controller WING/VOLCA



Door sensor (reed switch)*



Holder Set WING 100



Holder set WING 150/200

VTS article No.	1-4-2801-0155	VTS article No.	1-4-0101-0438	VTS article No.	1-4-0101-0454	VTS article No.	1-4-2801-0180	VTS article No.	1-4-2801-0181
Motor support	EC	Motor support	AC	Contact configuration	NO				
Power supply voltage	V/ph/Hz ~230/1/50	Power supply voltage	V/ph/Hz 6(3)	Switching current	mA 500				
Permissible load	Δ 1A for 230VAC 0,02A for 0-10V	Permissible load	Δ 1A for 230VAC 0,02A for 0-10V	Switching voltage	V max 200 V				
Setting range	°C 5...40	Setting range	°C 10...30	Connection	screw				
Protection rating	IP 20	Protection rating	IP 30						



Noise level

Fan speed	Noise level	WING C100-200		
		1m	1,5m	2m
I	dB(A)***	53	54	57
II		59	62	61
III		62	63	63

* air stream range depends on curtain operation speed

** available heating power in the control option configuration: Wing E100 2 or 4/6kW, for Wing E150 8/12kW, for Wing E200 10/15kW

*** speed measurement conditions: semi-open space, horizontal installation on the wall, measurement performed 5 m away from the device



COMPETITIVE
\$ PRICE

HIGH
CROWN QUALITY

OVER
1 000 000
UNITS
SOLD

Reliable European Business Partner

All WING units are made in Europe.

Thousands of satisfied customers around the World are the best recommendation of VTS.



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G E S S

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