



WING

AIR CURTAIN



VTS GROUP – The manufacturer of technologically advanced devices for the HVAC industry by applying innovative technologies in the field of design research, production, and logistics.

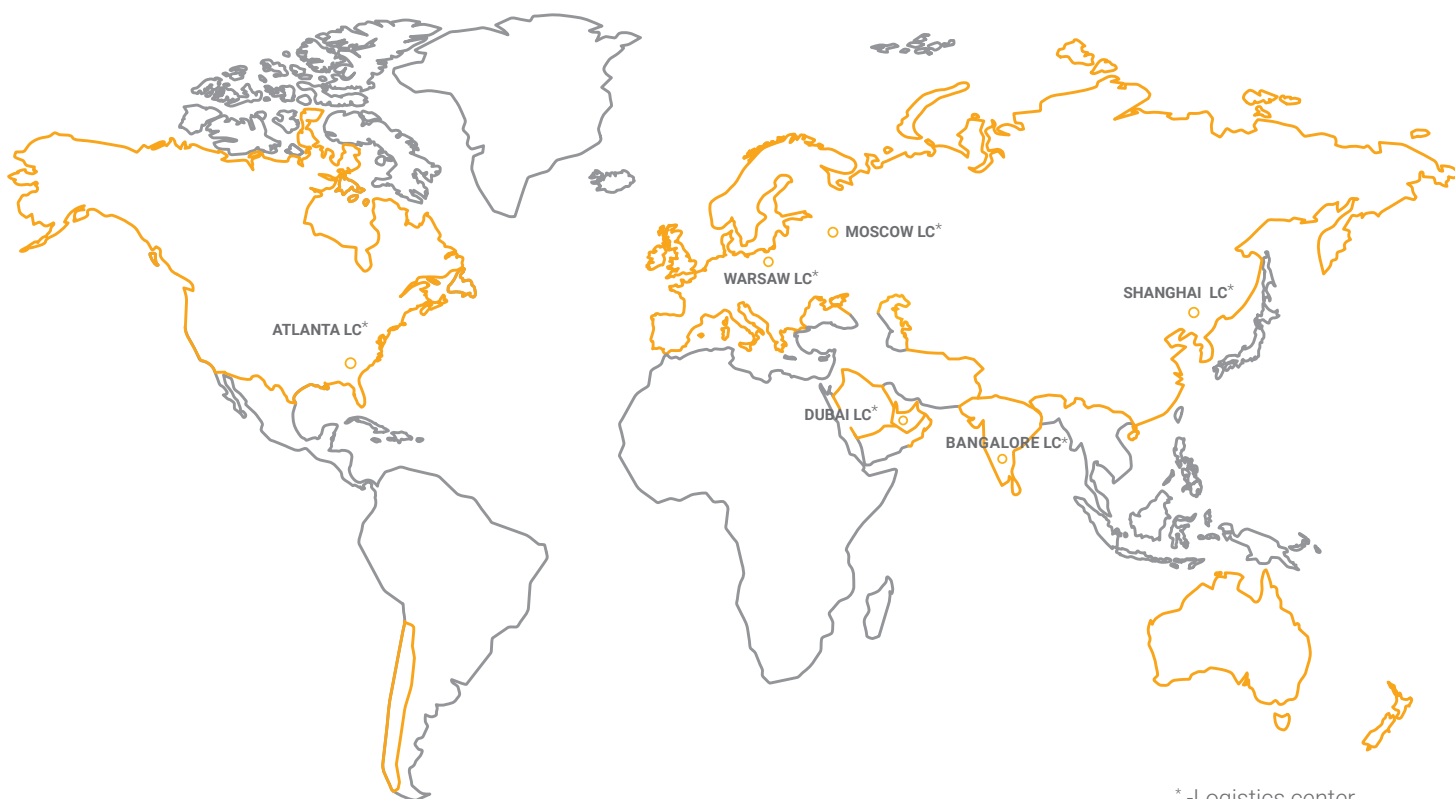
24/7

IMMEDIATE

AVAILABILITY

OUR MISSION

NO. 1 IN THE WORLD



* -Logistics center

6 CENTERS
LOGISTICS

100 000
SOLD EQUIPMENT
UNITS ANNUALLY


**THE HIGHEST
QUALITY**

2 YEAR **GUARANTEE**
FOR EACH
DEVICE



| Smart Entrance Protection

Air curtain with advanced WING EC controller may perform according to the door opening sensor. Smart Door protection gives you not only permanent temperature comfort but also secure interior from dust, pollution, insects and unpleasant scents.



INSIDE



CHILLED AIR



CLEAN AIR

OUTSIDE



WARM AIR



DUST



INSECTS



POLLUTION



UNPLEASANT SCENTS

WING C

Ambient Air Curtains

MAX. AIR RANGE:

4 m

EXHAUST FLOW RATE:

1950-4600 m³/h



DIMENSIONS

200 W/E/C



150 W/E/C



100 W/E/C



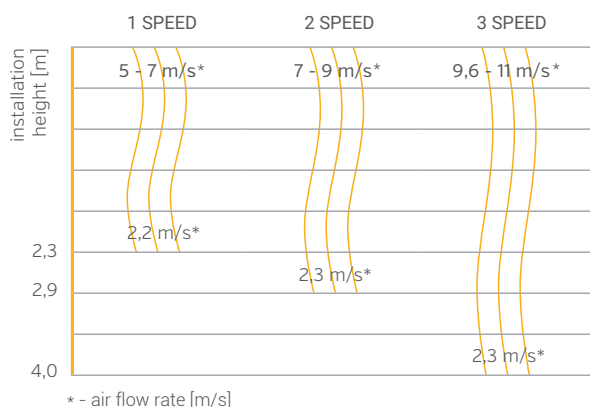
Dedicated brackets* and fixing points enable immediate installation of the curtain.

* in offer

STREAM RANGE

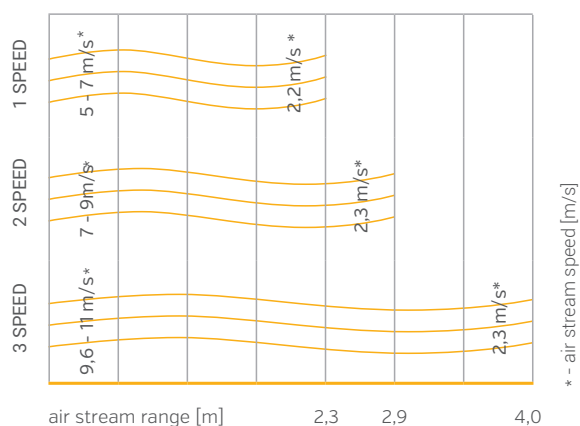
Vertical air stream range

(maximum installation height)



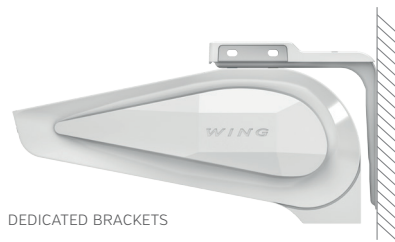
Horizontal air stream range

(for vertical installation)

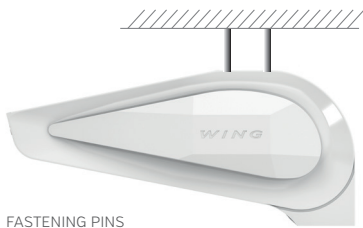


INSTALLATION

Dedicated brackets and fixing points enable immediate installation of the curtain.



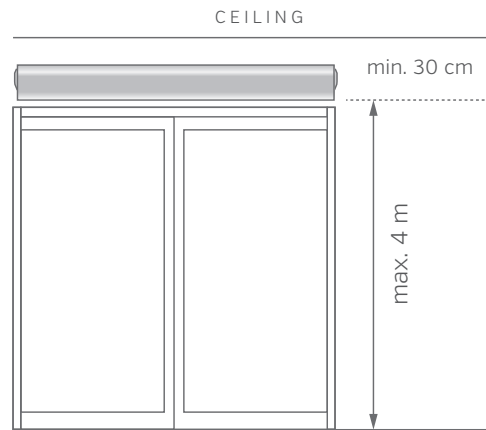
DEDICATED BRACKETS



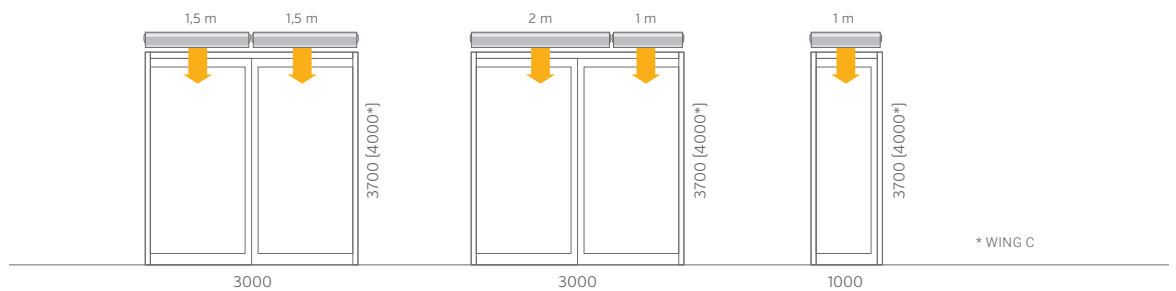
FASTENING PINS

The maximum mounting height is 4m.

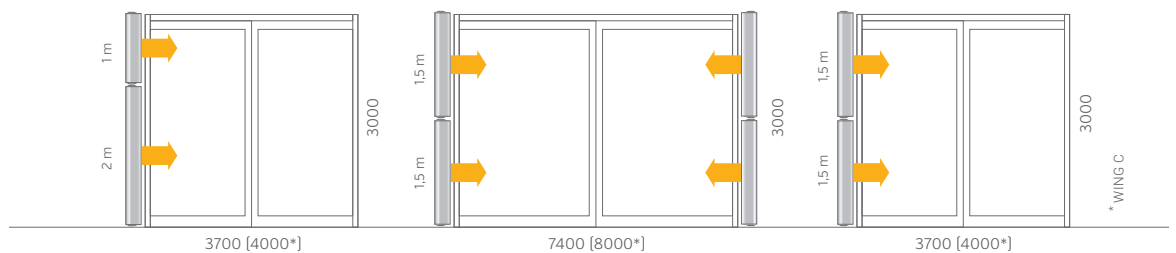
The minimum distance between the air outlet of the curtain and the ceiling is only 30 cm.



HORIZONTAL INSTALLATION



VERTICAL INSTALLATION



CONTROL



Controller WING EC

VTS product number	1-4-0101-0451	
Motor support	EC	
Power supply voltage	V/ph/Hz	~230/1/50
Permissible load	A	1A for 230VAC 0,02A for 0-10V
Setting range	°C	5...40
Protection rating	IP	30



Wall controller WING/VOLCANO

VTS product number	1-4-0101-0438	
Motor support	AC	
Power supply voltage	V/ph/Hz	~230/1/50
Permissible load	A	6(3)
Settings range	°C	10...30
Protection rating	IP	30



Potentiometer EC (0-10 V)

VTS product number	1-4-0101-0453	
Power supply voltage	V/ph/Hz	~230/1/50
Permissible load	A	0,02 A for 0-10V
Work mode	-	Manual
Protection rating	IP	30



Door sensor (reed switch)*

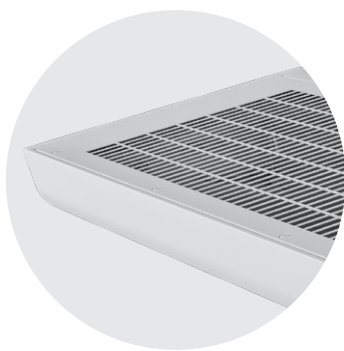
VTS product number	1-4-0101-0454	
Contact configuration	NO	
Switching current	500 mA	
Switching voltage	max 200 V	
Connection	screw	

* cooperation with controller WING EC

ALL EC AIR CURTAINS ARE CHARACTERIZED BY EASE AND SIMPLICITY OF CONNECTION

ELECTRICITY SAVINGS

Modern design of the EC motor and fan saves energy compared to old generation solutions.



SIMPLE CLEANING

Thanks to the optimized construction of the covers, cleaning the curtain is comfortable and does not require the disassembly of any part, always ensuring hygienic operation.



GALVANIZED STEEL CASING

Double coating (galvanization + powder paint) provides long-term protection against corrosion and consistent aesthetic qualities. Casing colour RAL 9016.



SMART DOOR PROTECTION

Air curtain with advanced WING EC CONTROLLER may perform according to the door opening sensor. Smart Door protection gives you not only permanent temperature comfort but also secure inside environment from dust, pollution, insects and unpleasant scents.

TECHNICAL PARAMETERS

Parameters	Unit	AMBIENT CURTAIN					
		WING C100		WING C150		WING C200	
		AC	EC	AC	EC	AC	EC
VTS item No.		1-4-2801-0041	1-4-2801-0061	1-4-2801-0042	1-4-2801-0062	1-4-2801-0043	1-4-2801-0063
maximum door width (1 device)	m	1		1,5		2	
maximum door height (vertical stream range)*	m	4					
maximum exhaust flow rate	m³/h	1950		3200		4600	
supply voltage	V/ph/Hz	~230/1/50					
motor power	kW	0,235	0,2	0,375	0,3	0,58	0,45
rated current	A	1,2	1,1	1,7	1,3	2,6	1,9
weight	kg	20,5	19	27,5	25,5	34,5	32,5
protection rating	IP	20					
max. velocity*	m/s	11					
casing colour	RAL	RAL 9016, outlet grid: RAL 9022					

WING C100, C150, C200 (AMBIENT CURTAIN)

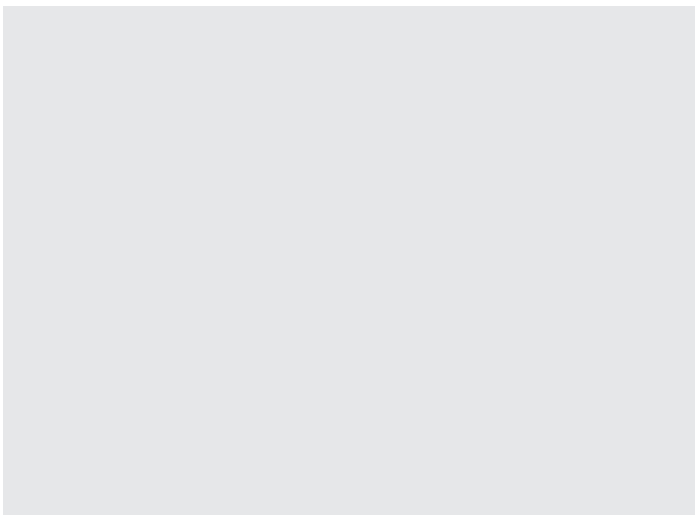
Fan speed	WING C100			WING C150			WING C200		
	I	II	III	I	II	III	I	II	III
Qp [m³/h]	1050	1500	1950	1500	2250	3200	2340	3400	4600
db (A) **	53	59	62	54	62	63	57	61	63



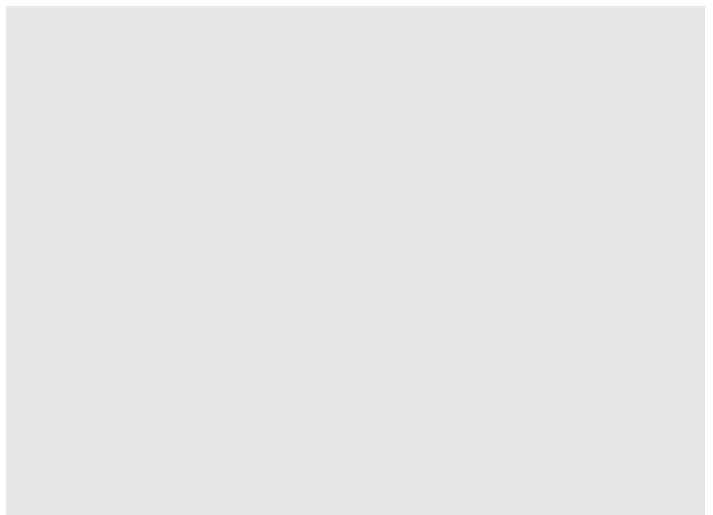
* air stream range depends on curtain operation speed

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

WING KEY REALISATIONS



> Dubai Arena, Dubai



| Reliable European Business Partner

All WING units are made in Europe.
Thousands of satisfied customers around
the World are the best recommendation of VTS.

