



WING

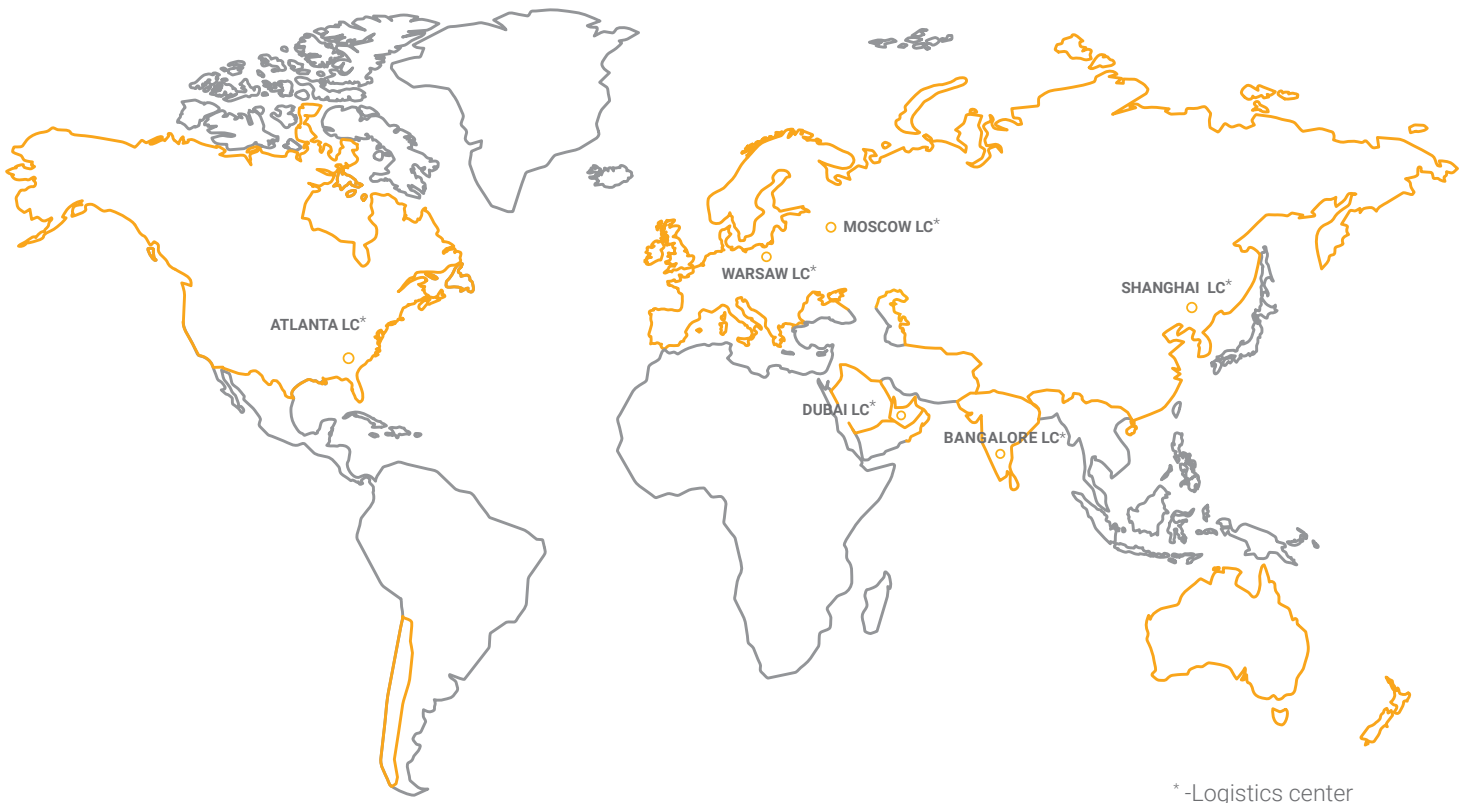
AIR CURTAIN



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



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

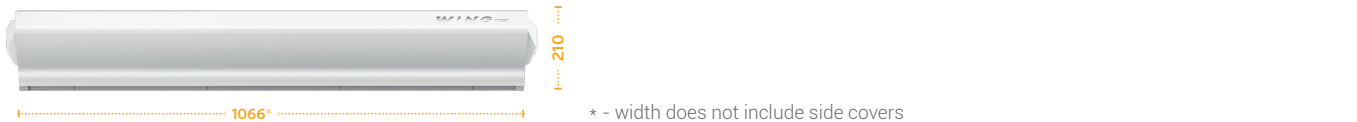
200 W/E/C



150 W/E/C



100 W/E/C



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

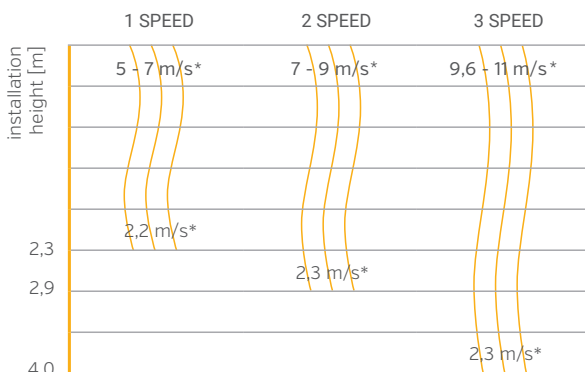
* in offer

* - width does not include side covers

| STREAM RANGE

Vertical air stream range

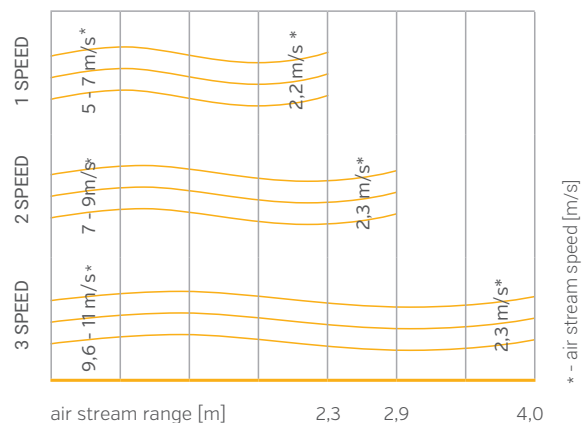
(maximum installation height)



* - air flow rate [m/s]

Horizontal air stream range

(for vertical installation)

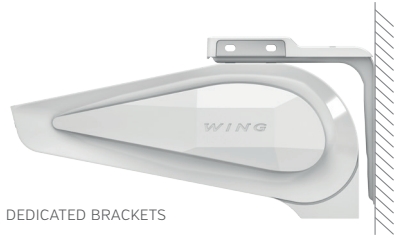


* - air stream speed [m/s]

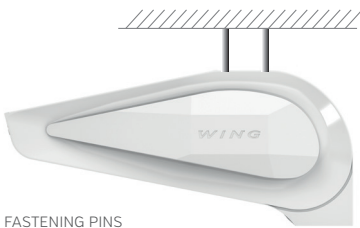
INSTALLATION

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

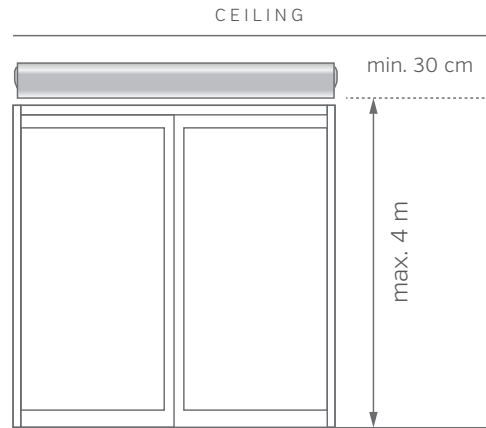
The maximum mounting height is 4m.
The minimum distance between the air outlet of the curtain and the ceiling is only 30 cm.



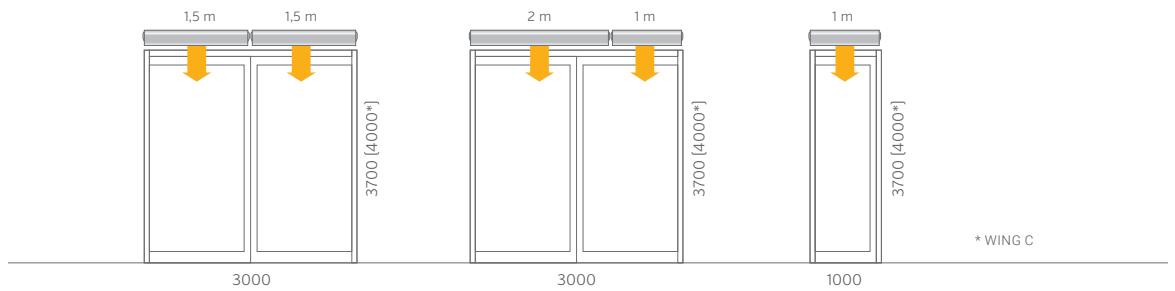
DEDICATED BRACKETS



FASTENING PINS

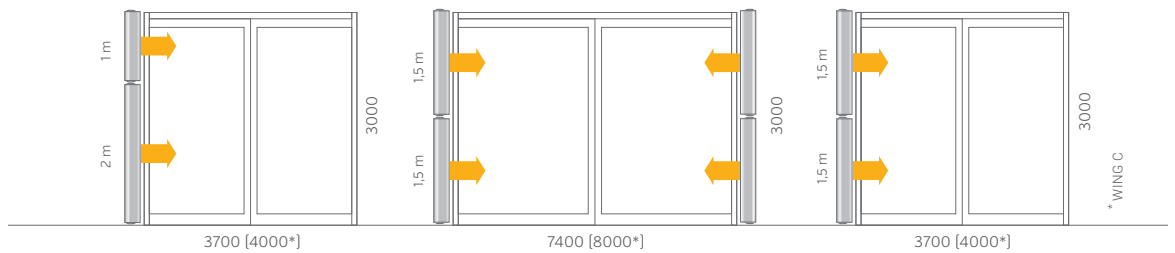


HORIZONTAL INSTALLATION



* WING C

VERTICAL INSTALLATION



* WING C

CONTROL

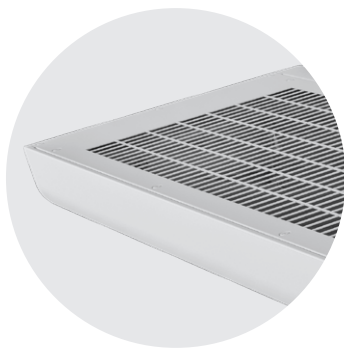
Controller WING EC		Wall controller WING/VOLCANO		Potentiometer EC (0-10 V)		Door sensor (reed switch)*	
VTS product number	1-4-0101-0451	VTS product number	1-4-0101-0438	VTS product number	1-4-0101-0453	VTS product number	1-4-0101-0454
Motor support	EC	Motor support	AC	Power supply voltage	V/ph/Hz ~230/1/50	Contact configuration	NO
Power supply voltage	V/ph/Hz ~230/1/50	Power supply voltage	V/ph/Hz ~230/1/50	Permissible load	A 0,02 A for 0-10V	Switching current	500 mA
Permissible load	A 1A for 230VAC, 0,02A for 0-10V	Permissible load	A 6(3)	Work mode	- Manual	Switching voltage	max 200 V
Setting range	°C 5...40	Settings range	°C 10...30	Protection rating	IP 30	Connection	screw
Protection rating	IP 30	Protection rating	IP 30				

* 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

PRICE LIST

WING AIR CURTAINS

Model	AC		EC	
	VTS article No.	Price [INR]	VTS article No.	Price [INR]
WING C100	1-4-2801-0041	23 030	1-4-2801-0061	25 333
WING C150	1-4-2801-0042	29 637	1-4-2801-0062	32 601
WING C200	1-4-2801-0043	36 181	1-4-2801-0063	39 799

EQUIPMENT FOR CURTAINS

Model	Wall controller WING/ VOLCANO (IP30)	WING EC controller 0-10V	Potentiometer EC (0 - 10V)	Reed switch (Door sensor)	Holder set WING 100	Holder set WING 150/200
VTS article No.	1-4-0101-0438	1-4-0101-0451	1-4-0101-0453	1-4-0101-0454	1-4-2801-0053	1-4-2801-0054
Price [INR]	1 475	4 875	1 000	513	962	1 475

| Reliable European Business Partner

All WING units are made in Europe.

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

