

# How can I install industrial air curtain WIND?

Industrial door curtains can  
be installed both vertically  
on the floor and horizontally  
mounted on the ceiling



more information



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ERP 2020

EC fan

AIR CURTAIN + HEATING

## Industrial and commercial air curtain

[www.xvent.cz](http://www.xvent.cz)



Industry-horizontally



Industry-certically

Commercial spaces



# Pure design length 150cm to 250cm high heat and air power intuitive control EC motor

Thanks to high power and design is suitable for large logistics and production halls, as well as smaller workshops and warehouses.

Possibility of vertical, as well as horizontal installation.

Quiet operation and very good screening effect thanks to sophisticated design.

When using filter (accessory), the exchanger is protected against clogging.

You can select an optimum fan speed and heating performance thanks to the speed control

Using high-quality components allows us to provide you with a 5-year warranty

Suitable for doors up to 6.5m high and up to 14m wide

If the overhead door width is greater than 8 m, use Wind on both sides.

Rivet nuts M6 are prepared for easy hanging

It is possible to adjust the pre-flow up to 20° due to a mounting base (accessories).



Exhaust aluminium lamellas designed by computer simulation ensure stable and steady stream of air with a high screening effect.

High quality copper exchanger with connection to an external G 1" thread (max. working conditions 120 °C, 1.6MPa). Vent valves intergrated on inlet and outlet.

Integrated installation box on the body of the unit ensures simple electrical connection.

EC fan  
Higher performance and low operating costs.  
Low noise level even at higher unit performance, continuously controlled ventilator speed of 0-10V DC.



## Technical parameters of air curtains WIND

### Heat exchanger parameters:

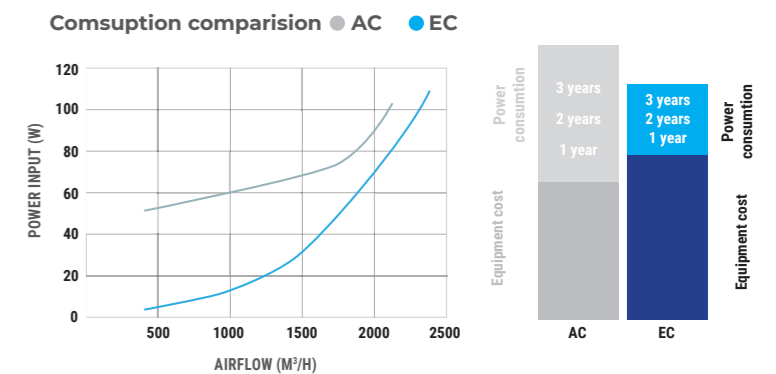
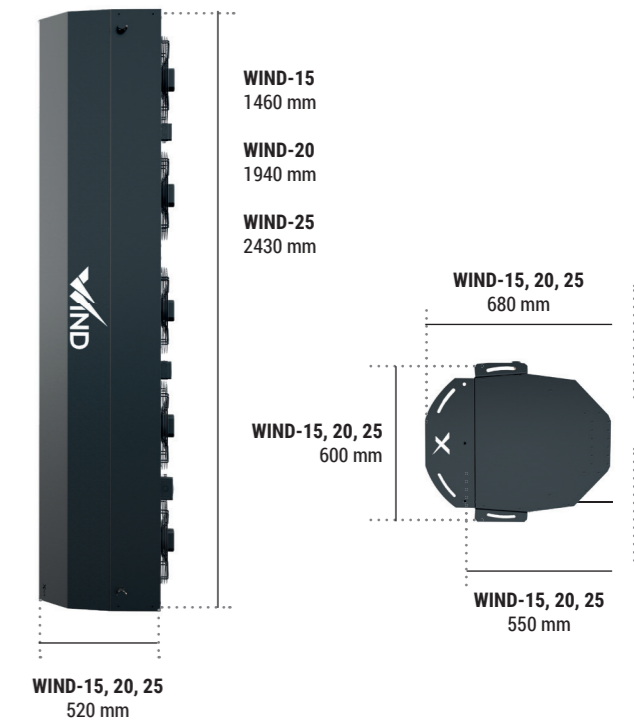
Max. operating water temperature 120°C

Max. operating pressure 1,6Mpa

Connecting dimensions of all heat exchangers - external thread G 1".

### Packaging

Code		Wight		dimensions of packaging
		Brutto	Netto	
		kg	kg	m
WIND-15	WIN1-15A-ECS0-0A0	47,8	42,8	0,6x0,8x1,57
	WIN1-15A-ECV2-0A0	59	54	
	WIN1-15B-ECS0-0A0	49,4	44,4	
	WIN1-15B-ECV2-0A0	61	56	
WIND-20	WIN1-20A-ECS0-0A0	52,7	47,7	0,6x0,8x2,055
	WIN1-20A-ECV2-0A0	62,8	57,8	
	WIN1-20B-ECS0-0A0	58,9	53,9	
	WIN1-20B-ECV2-0A0	69	64	
WIND-25	WIN1-25A-ECS0-0A0	76,1	71,1	0,6x0,8x2,54
	WIN1-25A-ECV2-0A0	88,5	83,5	
	WIN1-25B-ECS0-0A0	83,6	78,6	
	WIN1-25B-ECV2-0A0	96	91	



### Technical parameters

		WIND-15			WIND-20				WIND-25				
		EC											
Air flow	m³/h	7750	6750	9000	7800	10350	9000	12000	10400	12900	11250	15000	13000
Heat output range	kW	-	6-63	-	8-69	-	8-86	-	11-94	-	10-107	-	13-117
Number of exchanger rows	-	-	2	-	2	-	2	-	2	-	2	-	2
working information of exchanger		maximal working temperature of water is 120°C; maximal working pressure 1,6Mpa; exchanger connection G 1"											
Maximal horizontal range *	m	7	6,5	8	7	7	6,5	8	7	7	6,5	8	7
Maximal vertical range *	m	6	6	7	6	6	6	7	6	6	6	7	6
Noise level **	dB(A)	49,9	49	60,9	58,8	52	51	62,7	60,6	53,2	52,3	63,7	61,7
Unit weight ***	kg	42,8	54	44,4	56	47,7	57,8	53,9	64	71,1	83,5	78,6	91
Capacity of water in exchanger	dm³	-	3,4	-	3,4	-	4,6	-	4,6	-	5,7	-	5,7
Power supply	V/Hz	1 ~ 230/50-60			1 ~ 230/50-60			1 ~ 230/50-60		1 ~ 230/50-60		1 ~ 230/50-60	
Motor output	W	317	337	511	517	423	450	687	708	528	562	822	853
Motor current	A	2,14	2,24	3,37	3,3	2,85	2,99	4,53	4,52	3,57	3,73	5,42	5,45
Speed	ot/min	1370	1360	1750	1650	1370	1360	1750	1670	1370	1360	1750	1610
IP range	IP	54			54			54		54		54	
Sales code	-	WIN1-15A-ECS0-0A0	WIN1-15A-ECV2-0A0	WIN1-15B-ECS0-0A0	WIN1-15B-ECV2-0A0	WIN1-20A-ECS0-0A0	WIN1-20A-ECV2-0A0	WIN1-20B-ECS0-0A0	WIN1-20B-ECV2-0A0	WIN1-25A-ECS0-0A0	WIN1-25A-ECV2-0A0	WIN1-25B-ECS0-0A0	WIN1-25B-ECV2-0A0

\* Maximal distance of airstream - speed of air is 3m/s

\*\* Acoustic pressure in 3m, Q=2

\*\*\* weight of unit without water