

# ADRIAN GROUP

TOP ENERGY SOLUTIONS

## DOOR CURTAINS



Door curtain represents highly efficient technology solution for reduction of thermal losses through doors and gates. It protects the interior against the uncontrolled incoming cold air from exterior as well as it keeps the once produced heat inside the heated premises.

Product is especially developed for industrial objects. Extreme blowing speed and reach combined with quantity of air delivered are key features for success even when extra large gates are in question.

**Advantages of implementing door curtains ADRIAN-AIR® into the heating system:**

- additional energy savings and improved economics of the entire heating system;
- very effective way of further reducing heating losses;
- fast in providing necessary air barrier after opening of the gate begins;
- mode for heating of space around the gate inside when the gate is closed;
- simple installation and maintenance.

### ADRIAN-AIR® AXV Hot air condensing curtain units

Type	AXV 45		
		Max.	Min.
Thermal power PCS	kW	50	14
Thermal power PCI	kW	45	12,6
Nominal power	kW	44,1	8,2
Efficiency	%	98	108
Length of diffuser	mm	2080	
Airflow at 15 °C	m³/h	6000	
Delta T°	°C	24	8
Gas consumption - Natural gas	m³/h	4,77	
Gas pressure on inlet	mbar	20	
Gas consumption - Propane	kg/h	3,51	
Gas pressure on inlet	mbar	37	
Combustion outlet	mm	80	
Electric power	W	640	
Weight	kg	150	

- output varies from 50 kW;
- with an air flow from 6 000 m³/h;
- installation above the gates;
- induction of air from internal environment;
- vertical hot air distribution;
- Efficiency 108%.



[www.adriangroup.ru](http://www.adriangroup.ru)



## ADRIAN-AIR® AXC

Hot air curtain units

- output varies from 35 to 45 kW;
- with an air flow from 6 500 to 10 500 m<sup>3</sup>/h;
- installation above the gates;
- induction of air from internal environment;
- vertical hot air distribution.

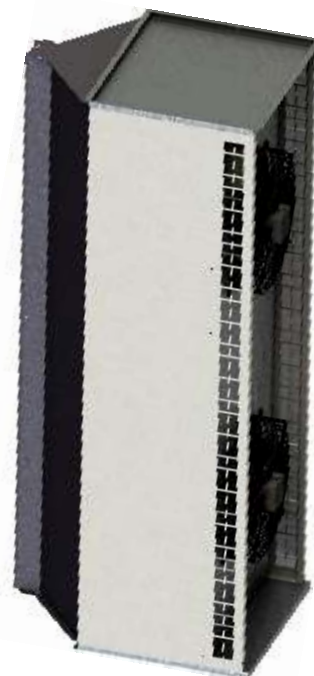
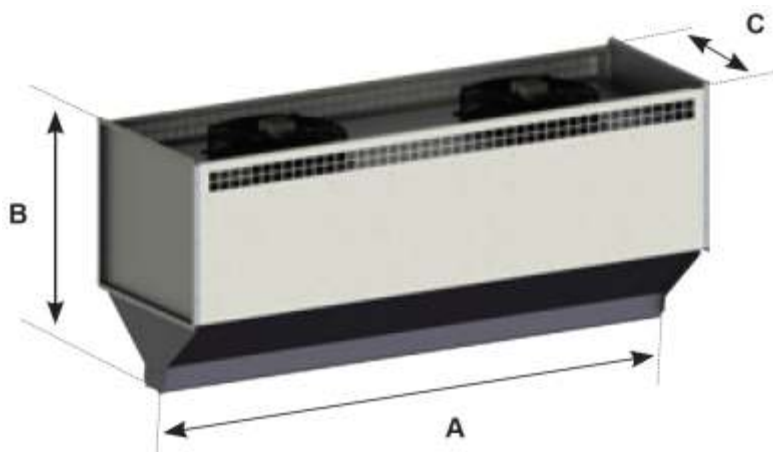
### Horizontal module

Type		AXC 36	AXC 45
Input	kW	38	45
Output	kW	34,6	41,0
Efficiency	%	91	91
Width of diffuser	mm	1960	1960
Airflow 15 °C	m <sup>3</sup> /h	6500	10500
Delta T°	°C	21	15
Gas consumption - Natural gas	m <sup>3</sup> /h	4,02	4,76
Gas pressure on inlet	mbar	20	20
Gas consumption - Propane	kg/h	2,96	3,51
Gas pressure on inlet	mbar	37	37
Gas connection		3/4"	3/4"
Combustion outlet	mm	100	100
Combustion inlet	mm	100	100
Electric power	W	550	1350
Weight	kg	151	173



### Modules without heating

Type		AXV-1	AXV-1,5	AXV-2
Airflow	m <sup>3</sup> /h	3300	5000	6680
Electric power	W	420	620	850
A	mm	950	1472	2002
B	mm	650	650	650
C	mm	867	867	867



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