



## Pamir 2500 Commercial Air Curtains

**Slim air curtain for entrances, with energy efficient control**

- Easy Comfort
- Intelligent Control
- Optimized Performance
- Recommended installation height 2,5 m

[Find more details in our online catalogue](#)

### Easy to Install and Use

Installed horizontally with included wall brackets or supplemented with ceiling mount accessories. The front is easy to remove, which facilitates installation and allows easy maintenance.

### Energy Saver

In many premises doors remain open for a significant part of the day, this results in huge losses of expensively heated or cooled air. With correctly installed air curtains great energy savings can be obtained.

### Intelligent Control Options

Supplemented with an intelligent control system that allows you to optimize your comfort with minimum effort.

### Optimized High Performance

Air curtains with Thermozone technology have optimized performance to provide a comfortable indoor climate free from drafts and with low sound levels. The air curtain also keeps out emissions and insects.

Pamir 2500, with a recommended installation height of 2,5 m, has a modern and sleek design developed to fit all entrances and door ways in shops, offices and public premises.

The air curtain is available for horizontal installation with wall brackets included or can be supplemented with accessories for mounting from the ceiling. The front is easy to remove, which facilitates installation and allows easy maintenance.

The air curtain comes with an integrated PC-board and are supplemented with the intelligent control system FC, working together to create many smart and energy saving features. There are four different packages to choose from, depending on your requirements. The system offers easy control with the control panel, via app (Bluetooth) or with BMS (via 0-10V, potential free contact (e.g. a relay) and/or Modbus RTU (RS485). The control system is ordered separately.

Water heated units must be supplemented with a valve system. The valve system controls the water flow and activates maximum heat only when needed. Other smart accessories for water heated units are also available.

Frico air curtains are developed and manufactured in Sweden. The air curtains are tested in one of the most modern and advanced air and sound laboratories in Europe which means that we can guarantee a high performance product.

*The recommended installation height varies depending on the relevant premises.*

#### Get In Touch

Call: 0845 6880112  
Email: [info@adremit.co.uk](mailto:info@adremit.co.uk)

#### Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard, Settle, North Yorkshire, BD24 9RH



## Technical parameters

### Installation

Type of installation	Horizontal
Recommended installation height	2.5 m

### Nominal data

Color casing	Traffic white
Color casing, RAL	RAL 9016
Color, outlet grilles	Telegrey 2
Color outlet grilles, RAL	RAL 7046
Enclosure class	IP20
Ambient working temperature (dry conditions)	-20 to 30 °C

### Dimensions and weights

Length	2,050 mm
Height	210 mm
Depth	345 mm
Weight	37 kg

### Air flow

Air flow	0.8056; 0.6389; 0.5 m <sup>3</sup> /s
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### Sound data

Sound level	53; 48; 43 dB(A)
Sound pressure (LpA)	Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m <sup>2</sup> .
Sound power (LWA)	70 dB(A)
Conditions sound level	Measurements according to ISO 27327-2: 2014, Installation type E.

### Motor/control supply

Control/motor supply	230 V
Control/motor current	1 A
Frequency	50; 60 Hz
Input power (P1), motor	230 W

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Electric heat		
Current heating	23.1; 14.4; 8.7	A
Voltage heating	400	V
Input power, heater	16; 10; 6	kW
Phases	3N~	
Temperature rise, maximum heat output, highest airflow	17	°C
Temperature rise, maximum heat output, middle airflow	21	°C
Temperature rise, maximum heat output, lowest airflow	27	°C
Others		
Heat output	16	kW

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## Performance

Parameter	
Output	16.00 kW
Air flow	0.81 m³/s
Inlet air temperature	20.0 °C
Outlet air temperature	36.5 °C
Inlet air humidity	70 % r.H
Outlet air humidity	27 % r.H

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## Accessories

- FCBA Control for air curtain (74687)
- FCPA Control for air curtain (74686)
- PA2P20 Pendulum bar (19569)
- PA34TR20 Threaded bars (18057)
- FCDA Control for air curtain (74684)
- FCSA Control for air curtain (74685)
- PA2PF20 Pendulum brackets (19417)

## Documents

- Catalogue pages Pamir 2500
- Manual Pamir 2500
- Declaration of Conformity PAF2500
- UKCA Declaration PAF2500
- Exploded view PAF25-32

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