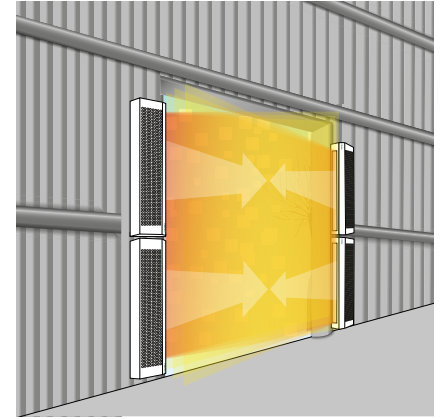


Air Curtains - PS (W) Series



The PS(W) series are high performance, high efficiency air curtains for larger commercial spaces such as production premises, workshops, warehouses, logistics centres and sports facilities



Features

- These air curtains can be mounted horizontally and vertically and feature two performance modes, 70% or 100% in order to best adapt their performance mode to the weather conditions
- In the summer, these air curtains can be operated without heating to protect against outside heat, dust and insects
- Reliable copper-aluminium heat exchanger with working pressure up to 16 bar at 150 °C
- Corrugated finning increases the heat exchange area and enhances the heating efficiency
- High-performance aluminium fans
- Precise balancing practically eliminates vibration and extraneous noise during operation of the air curtains
- Working chamber of special structure developed jointly with the Punker company (Germany) creates a stabilized laminar air flow
- Minimisation of turbulent flows in the air curtains ensures the formation of a dense shearing flow at the nozzle exit which protects the opening
- Universal connection to the heating system - pipes are output on the left or right side of the housing

Applications

- Education
- Healthcare
- Leisure and sport
- Office
- Hospitality
- Retail
- Industrial

Finish

Anti-corrosive treatment and strong polymer coating of casing
White finish

Installation

Installed universally (horizontally to vertically)
Installation height up to 4.5m

Controls

Remote control with thermostat

Specification

To specify state:

Universally mounted hydronic Air Curtain with a copper heat exchanger with remote control and thermostat at 8.4kW, 18.1kW, 18.4kW, 27.7kW, 29.2kw or 36.6kW.
As Smith's Air Curtain PS (W) Series 8.4kW, 18.1kW, 18.4kW, 27.7kW, 29.2kw or 36.6kW

Air Curtains - PS (W) Series



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	PS (W) W8 - 3.5 Water	PS (W) W18 - 3.5 Water	PS (W) W28 - 3.5 Water	PS (W) W18 - 4.5 Water	PS (W) W29 - 4.5 Water	PS (W) W37 - 4.5 Water
Heating power, kW	8.4 / 7.9 / 7.3	18.4 / 17.0 / 15.5	27.7 / 25.2 / 22.4	18.1 / 16.5 / 14.7	29.2 / 26.6 / 23.7	36.6 / 33.3 / 29.6
Capacity, m ³ /h	1400 / 1200 / 1000	2300 / 2000 / 1700	3200 / 2700 / 2300	2500 / 2100 / 1700	4000 / 3200 / 2600	5000 / 4200 / 2400
Maximum installation height, m	3.5	3.5	3.5	4.5	4.5	4.5
Supply voltage, V	230	230	230	230	230	230
Air temperature increase, °C	23.6 / 25.5 / 27.8 °C	27.4 / 27.4 / 29.5 °C	27 / 29.2 / 31.9 °C	23.2 / 25.2 / 27.8 °C	23.5 / 25.4 / 28 °C	23.4 / 25.4 / 28 °C
Device dimensions (WxHxD), mm	1090x260x240	1450x260x240	1900x260x240	1100x300x290	1510x300x290	1960x300x290
Package dimensions (WxHxD), mm	1130x330x280	1512x330x280	1940x330x280	1140x385x325	1540x385x325	2060x385x325

Ordering guide

Description	Net Wt (Kg)	Product Codes
Water		
AIR CURTAIN PS (W) W8 - 3.5	19	HPAC64201
AIR CURTAIN PS (W) W18 - 3.5	26	HPAC64202
AIR CURTAIN PS (W) W28 - 3.5	30	HPAC64203
AIR CURTAIN PS (W) W18 - 4.5	23.7	HPAC64204
AIR CURTAIN PS (W) W29 - 4.5	31	HPAC64205
AIR CURTAIN PS (W) W37 - 4.5	43	HPAC64206

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