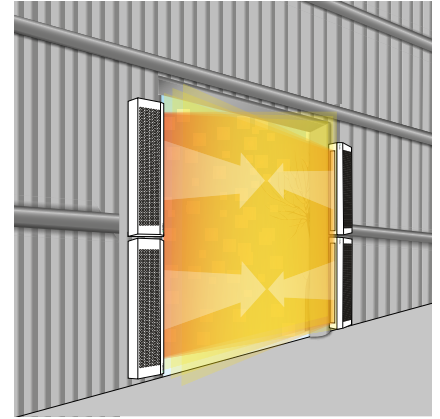


# Air Curtains - PS (W) Series



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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	HPAC64201 Water	HPAC64202 Water	HPAC64203 Water	HPAC64204 Water	HPAC64205 Water	HPAC64206 Water
<b>Heating power, kW</b>	<b>8.4 / 7.9 / 7.3</b>	<b>18.4 / 17.0 / 15.5</b>	<b>27.7 / 25.2 / 22.4</b>	<b>18.1 / 16.5 / 14.7</b>	<b>29.2 / 26.6 / 23.7</b>	<b>36.6 / 33.3 / 29.6</b>
Capacity, m <sup>3</sup> /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
<b>Water</b>		
PS (W) W8 - 3.5	19	HPAC64201
PS (W) W18 - 3.5	26	HPAC64202
PS (W) W28 - 3.5	30	HPAC64203
PS (W) W18 - 4.5	23.7	HPAC64204
PS (W) W29 - 4.5	31	HPAC64205
PS (W) W37 - 4.5	43	HPAC64206

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