



# AireWall™

DATA CENTRE FAN WALL

170 - 400kW

- + New range of CRAH units from the experts in data centre cooling
- + 4 / 6 / 8 fan models
- + Integrated Controls



[www.airedale.com](http://www.airedale.com)



# Powerful Cooling

## Intelligent Control

**AireWall™ is a range of data centre air handlers designed to deliver air at the right temperature, at the right volume, in the right place and at the right time**

It has been specifically engineered for low velocity air-based cooling of data centres, delivering low energy cooling in high density applications.

The air handler comprises of filters, fan section, chilled water heat exchanger and a damper section. AireWall's integrated, intelligent controls mean it is highly adaptive to changing loads and the range has been designed to operate at low Specific Fan Pressure (SFP) to help achieve low installation PUE.



TYPE		AireWall 4-200-10	AireWall 4-190-8	AireWall 4-170-6	AireWall 6-300-10	AireWall 6-285-8	AireWall 6-250-6	AireWall 8-400-10	AireWall 8-380-8	AireWall 8-330-6
Unit overall external height	mm	2970	2970	2970	2970	2970	2970	2970	2970	2970
Unit overall external width	mm	2410	2410	2410	3330	3330	3330	4240	4240	4240
Unit overall external depth	mm	2130	2070	1990	2130	2070	1990	2130	2070	1990
Number of fans		4	4	4	6	6	6	8	8	8
Air volume 100%	m³/s	13.9	13.9	13.9	20.9	20.9	20.9	27.8	27.8	27.8
Air volume 100%	m³/h	50040	50040	50040	75060	75060	75060	100080	100080	100080
Coil rows		10	8	6	10	8	6	10	8	6
Coil capacity @ 100% air volume	kW	200	190	170	300	285	250	400	380	330

## ZA bluefin

Bionic, corrugated, extremely efficient, super-silent

Extraordinary, bionic, airflow optimised and an efficiency increase up to 15% – the new ZA bluefin from Ziehl-Abegg with its special blade design is a fan with sensational performance.

The corrugated blades are based on scientific knowledge from the depths of the ocean and the fins of the humpback whale. They ensure an optimised flow angle and reduced flow separation on the blade surface, for a diffused sound output and reduced noise.



**Airedale**  
APPLIED THERMAL INNOVATION  
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All specifications are subject to change without prior notice | ENG\_IT\_AW\_03-19

