

# Aegean® SVFC 500



A range of fan coil units suitable for all kinds of commercial applications, from restaurants and hotels to office developments, with the ability to rapidly heat and cool large areas with much greater efficiency than other similar heating and cooling systems



## Features

- EC motor (BMS compatible for easy integration)
- Low sound levels
- Fully attenuated discharge plenum
- Positive fall drain tray
- Designed and made in the UK
- For bespoke specifications, including electric heating capability please contact us to discuss your requirements

## Application

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

## Finish

Chassis manufactured from 1.2mm hot dipped galvanised steel. All flanges formed inward facing to prevent exposure to bare metal edges.

## Installation

Flow and return connections 15mm.  
Designed for system pressures up to 10 bar.  
Fan coils are 4-pipe coils (heating and cooling circuit).

## Customised requirements

All leading manufacturers controls factory fitted.  
Acoustically lined inlet plenum.  
Concealed/hidden applications (underfloor, behind false walls and ceilings).  
Bespoke options.

## Specification

To specify state:  
Vertical Fan Coil Unit 500mm high with EC motor.  
As Smith's Aegean SVFC50010 (or SVFC50020, SVFC50025, SVFC50030, SVFC50040, SVFC50050, SVFC50055, SVFC50060).

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## Performance data

SIZE	NR	Nominal fan speed (%)	ESP Pa	Airflow l/s	SFP W/l/s	Total cooling 5.5/11°C	Sensible cooling 5.5/11°C	Total cooling 6/12°C	Sensible cooling 6/12°C	LPHW heating 82/71°C	LPHW heating 60/50°C
10	35	56	30	119	0.12	1.56	1.33	1.40	1.22	1.45	0.76
20	35	49	30	120	0.16	1.97	1.59	1.77	1.48	5.30	3.73
25	35	43	30	121	0.20	2.00	1.61	1.80	1.50	2.78	1.62
30	35	36	30	116	0.24	1.53	1.30	1.42	1.23	3.06	1.81
40	35	34	30	118	0.28	1.68	1.40	1.56	1.33	3.46	2.07
50	35	34	30	161	0.27	2.25	1.89	2.08	1.78	5.63	3.37
55	35	34	30	184	0.24	2.96	2.40	2.41	2.05	6.00	3.58
60	35	38	30	228	0.24	4.01	3.16	3.52	2.89	6.41	3.82

Summer Condition:  
23°C EAT, 50% RH  
(5.5/11°C, 6/12°C)

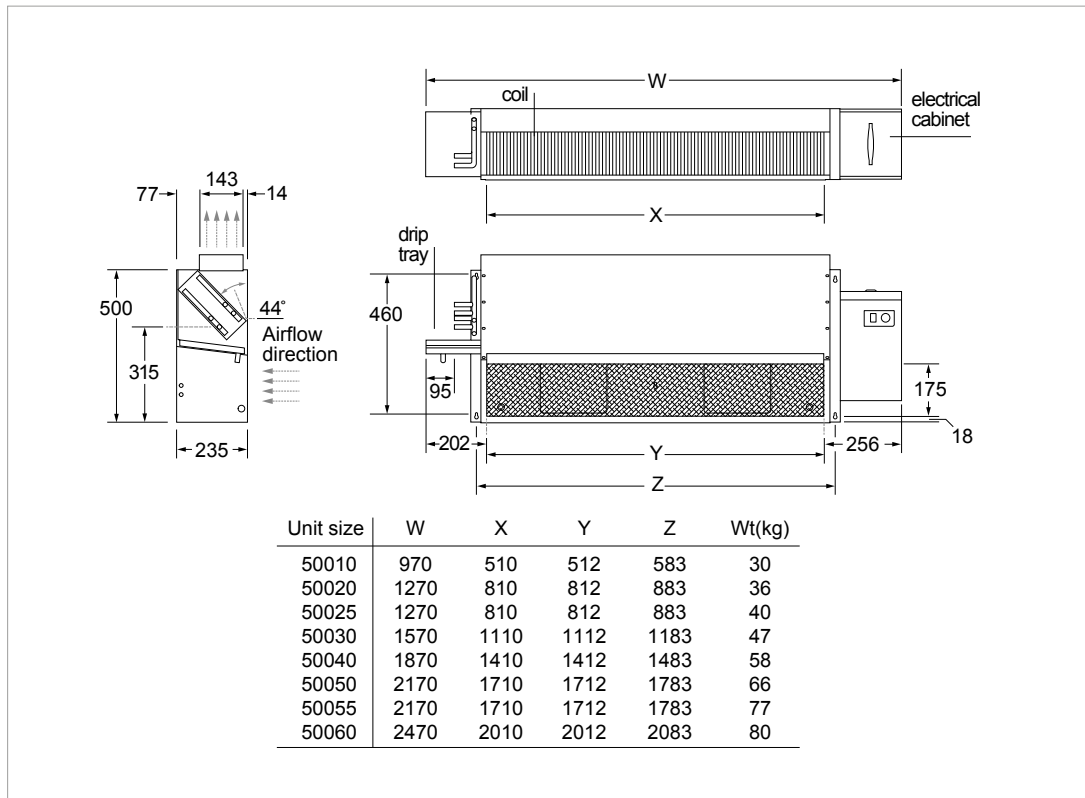
Winter Condition:  
21°C EAT (82/71°C,  
60/50°C)

## Performance data verification

Heating and cooling performance has been tested and independently verified by BSRIA to BS EN 1397: 2015. Full set up and details available on request.

Acoustic data has been measured and independently verified by SRL Technical Services to BS EN 16583:2015. Please ask us for our acoustic information pack for more details, including laboratory measured sound power data.

## Dimensions



As part our commitment to continuous improvement Smith's Environmental Products may change the specifications of its products without prior notification or public announcement. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All dimensions are in mm unless otherwise stated. Please visit our website for the most up to date information.

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