

Aegean® SFC 260H



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

Applications

- 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:
Horizontal Fan Coil Unit 260mm high with EC motor.
As Smith's Aegean SFC26010 (or SFC26020, SFC26025, SFC26030, SFC26040, SFC26050, SFC26055, SFC26060).

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Performance data

SIZE	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	50	30	87	0.22	1.64	1.27	1.47	1.19	1.75	1.00
20	50	30	128	0.22	2.66	2.00	2.44	1.89	2.41	1.40
25	50	30	168	0.22	3.66	2.71	3.39	2.59	3.07	1.78
30	50	30	209	0.22	4.12	3.15	3.62	2.90	3.73	2.19
40	50	30	250	0.22	5.16	3.89	4.65	3.64	4.56	2.70
50	50	30	273	0.22	5.47	4.16	4.86	3.86	5.08	2.95
55	50	30	318	0.23	6.54	4.94	5.91	4.62	6.52	3.82
60	50	30	341	0.23	7.19	5.38	6.54	5.07	7.18	4.23

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

The drawing shows a top view and a side view of the fan coil unit. The top view includes dimensions for overall width (845mm), internal width (790mm), and depth (21mm). It also shows air inlet and outlet ports with a diameter of 52mm. The side view shows the unit's height (260mm) and various internal components like the heating coil, cooling coil, and drip tray. Dimensions for these components are provided: 118mm for the coil height, 198mm for the drip tray width, and 125mm, 155mm, and 185mm for other internal features. Airflow directions are indicated with arrows.

Model	Size	A	B	Wt (kg)
260	10	570	800	35
260	20	870	1100	44
260	25	870	1100	47
260	30	1170	1400	58
260	40	1470	1700	70
260	50	1770	2000	93
260	55	1770	2000	96
260	60	2070	2300	98

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