

SF-280

Meets Regulations Eurovent 6/3 and ISO/TC86/SC6

- > Smart Fan Coil Unit
- > Horizontal
- > Brushless ECM Motor

DESCRIPTION

The horizontally mounted SF 280 offers an energy efficient heating and cooling system designed for easy installation. Cased in galvanised steel and driven by our most efficient brushless ECM motor the unit operates with infinitely variable fan speed.

CONSTRUCTION

Galvanised steel casing.

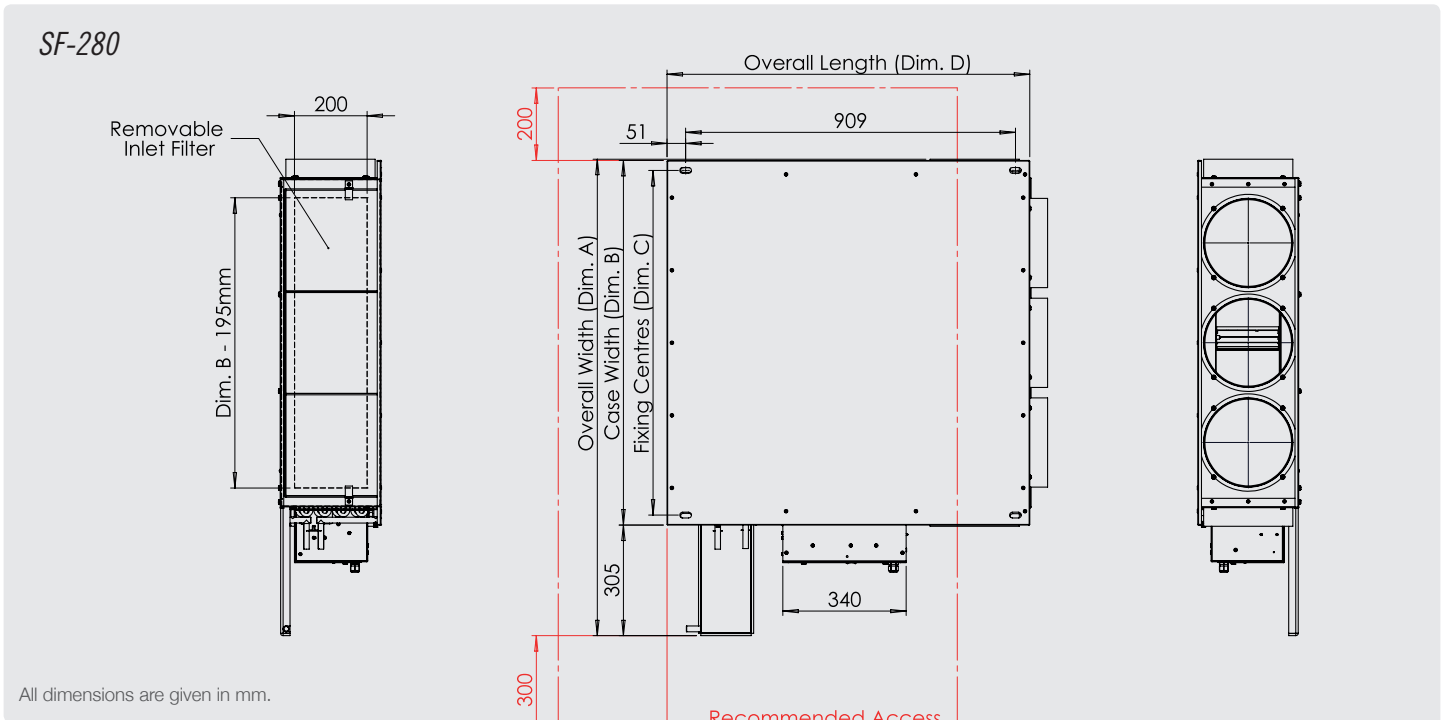
Options:

- SA – Short Attenuator
- LA – Long Attenuator
- Inlet plenum
- Extended condensate tray

FEATURES

- Brushless ECM motor
- Automatic power factor correction

DIMENSION D (mm)		
No attenuator	SA attenuator	LA attenuator
1000	1165	1365



DIMENSIONS (mm)					
Size	A	B	C	Max. Spigots	Weight
600	1015	705	630	4	45 kg
900	1315	1005	930	5	53 kg
1200	1615	1305	1250	6	69 kg
1500	1915	1605	1550	7	80 kg
1800	2215	1905	1850	8	110 kg

Tolerances

- 0.0mm ± 0.5mm
- 0.00mm ± 0.2mm
- Angles ± 0.5 Degrees

SF-280 – SELECTION DATA

HEATING PERFORMANCE	Airflow l/s			Total Ph - kW			Water Flow kg/s			Hyd Resistance kPa		
	MIN	MID	MAX	MIN	MID	MAX	MIN	MID	MAX	MIN	MID	MAX
600 Model	75	170	320	0.36	0.82	1.54	0.006	0.013	0.025	1.0	1.0	1.0
900 Model	90	190	355	0.43	0.91	1.68	0.007	0.014	0.027	1.0	1.0	2.0
1200 Model	170	320	600	0.83	1.54	2.87	0.013	0.025	0.046	1.0	2.0	6.0
1500 Model	250	500	750	1.19	2.43	3.59	0.019	0.039	0.057	2.0	5.0	9.0

Air on 20°C, Air off 30°C Maximum. LPHW 70°C flow, 55°C return

COOLING PERFORMANCE	Airflow l/s			Total Pc - kW			Sensible Ps - kW			Water Flow kg/s			Hyd Resistance kPa		
	MIN	MID	MAX	MIN	MID	MAX	MIN	MID	MAX	MIN	MID	MAX	MIN	MID	MAX
600 Model	75	170	320	1.50	2.80	4.40	1.14	2.27	3.74	0.06	0.11	0.18	2.82	8.42	18.56
900 Model	90	190	355	1.85	3.35	5.43	1.39	2.65	4.51	0.07	0.13	0.22	2.00	8.00	18.00
1200 Model	170	320	600	3.20	5.30	8.60	2.50	4.24	7.23	0.13	0.21	0.34	3.00	7.91	19.00
1500 Model	250	500	750	4.68	7.80	10.61	3.65	6.36	9.00	0.19	0.31	0.42	6.15	15.03	25.75

Air on 23°C, 50% RH. ChW 6°C flow, 12°C return

ACOUSTIC PERFORMANCE	NOISE (NR)											
	Airflow l/s			Standard			185 mm Short Attenuator			400 mm Long Attenuator		
	MIN	MID	MAX	MIN	MID	MAX	MIN	MID	MAX	MIN	MID	MAX
600 Model	75	170	320	<25	36	47	<25	34	45	<25	32	43
900 Model	90	190	355	25	38	48	<25	34	44	<25	32	41
1200 Model	170	320	600	27	38	48	<25	32	43	<25	30	41
1500 Model	250	500	750	31	43	51	25	37	45	23	35	43

Please contact us for selection guidance.

NR figures can be used as a quick reference guide to assess fan coil acoustic performance