



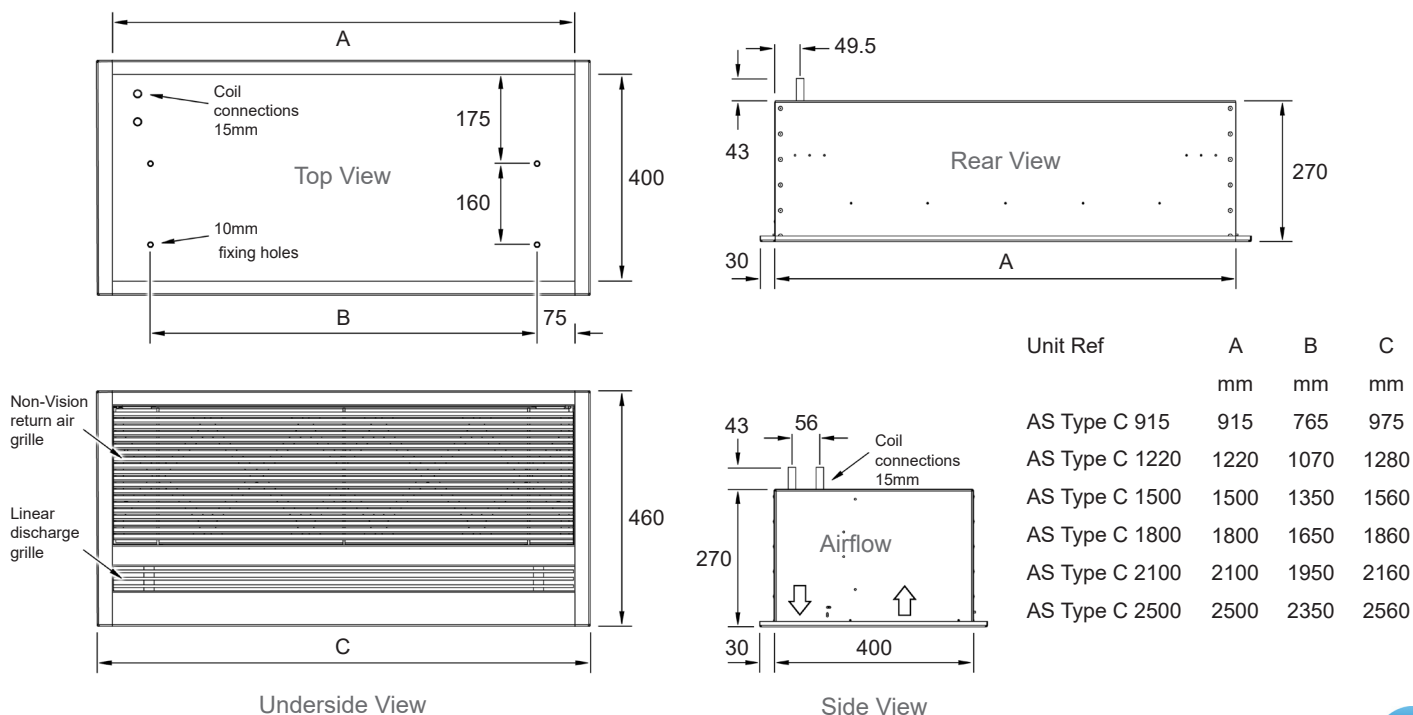
To discuss your requirements in more detail please contact one of our experts on freshthinking@envirotec.co.uk or call 01494 525 342

Airscreen - AS Type C

Ideal for recessed applications; the Airscreen Type C is a compact air curtain, designed for mounting in a ceiling grid or false ceiling. Filters and fans are accessible for maintenance via the non-vision return air grille.

Mounting Height:	up to 3.0 metres
Height x Depth:	270mm x 460mm
Std Widths:	900, 1200, 1500, 1800, 2100 & 2500mm
Mounting:	10mm fixing holes provided to accommodate threaded rod (rod by others)
Heat options:	Ambient, LPHW & Electric
Spec options:	Finish, colour, controls

Dimensions



For further details, please refer to drawing GA4683/F

Heater Output - LPHW

Unit Ref	Width	Coil		Flow / Return 82/71°C				Flow / Return 80/60°C				Flow / Return 70/50°C			
				Air Off	Flow	PD	Output	Air Off	Flow	PD	Output	Air Off	Flow	PD	Output
		Air Vol	Conns	°C	l/s	kPa	kW	°C	l/s	kPa	kW	°C	l/s	kPa	kW
AS Type C 915 W	915	0.2	15	39.3	0.13	2.3	5.97	34.0	0.06	0.5	4.67	27.9	0.04	0.2	3.17
AS Type C 1220 W	1220	0.3	15	39.5	0.20	5.8	9.03	35.2	0.09	1.4	7.45	30.5	0.07	0.9	5.71
AS Type C 1500 W	1500	0.4	15	39.4	0.27	11.0	11.99	35.5	0.13	2.8	10.08	31.0	0.10	1.8	7.86
AS Type C 1800 W	1800	0.5	15	38.7	0.33	6.8	14.56	34.6	0.15	1.6	12.04	30.2	0.11	1.0	9.34
AS Type C 2100 W	2100	0.6	15	39.0	0.39	10.7	17.70	35.0	0.18	2.5	14.75	30.6	0.14	1.6	11.50
AS Type C 2500 W	2500	0.7	15	39.8	0.48	16.8	21.33	35.8	0.22	4.1	17.89	31.5	0.17	2.7	14.19

Unit Ref	Width	Coil		Flow / Return 60/40°C				Flow / Return 50/40°C				Flow / Return 45/35°C			
				Air Off	Flow	PD	Output	Air Off	Flow	PD	Output	Air Off	Flow	PD	Output
		Air Vol	Conns	°C	l/s	kPa	kW	°C	l/s	kPa	kW	°C	l/s	kPa	kW
AS Type C 915 W	915	0.2	15	28.8	0.06	0.5	3.39	26.5	0.07	0.7	2.83	22.0	0.04	0.3	1.72
AS Type C 1220 W	1220	0.3	15	27.4	0.06	0.6	4.57	27.9	0.12	2.3	4.76	24.9	0.09	1.4	3.65
AS Type C 1500 W	1500	0.4	15	28.9	0.08	1.4	6.83	28.2	0.16	4.6	6.49	25.5	0.12	3.1	5.16
AS Type C 1800 W	1800	0.5	15	29.5	0.11	2.6	8.91	28.4	0.20	8.0	8.23	25.8	0.16	5.5	6.64
AS Type C 2100 W	2100	0.6	15	29.9	0.13	4.2	10.99	28.7	0.24	12.9	10.10	26.0	0.20	8.8	8.11
AS Type C 2500 W	2500	0.7	15	27.7	0.15	2.2	12.56	28.6	0.28	7.0	11.70	25.9	0.23	4.8	9.38

Note - all LPHW heater selections are based on high fan speed and a return temperature of 15°C.
Please contact our sales department should you require a heater sized to different water or air-on temperatures.

Heater Output - Electric

Unit Ref	Width	Air Vol	6 kW		9 kW		12 kW		15 kW		18 kW		21 kW	
			Air Off	PH	Air Off	PH	Air Off	PH	Air Off	PH	Air Off	PH	Air Off	PH
			°C		°C		°C		°C		°C		°C	
AS Type C 915 E	915	0.2	39.8	1 or 3	-	-	-	-	-	-	-	-	-	-
AS Type C 1220 E	1220	0.3	31.5	1 or 3	39.8	3	-	-	-	-	-	-	-	-
AS Type C 1500 E	1500	0.4	-	-	33.6	3	39.8	3	-	-	-	-	-	-
AS Type C 1800 E	1800	0.5	-	-	-	-	34.8	3	39.8	3	-	-	-	-
AS Type C 2100 E	2100	0.6	-	-	-	-	31.5	3	35.7	3	39.8	3	-	-
AS Type C 2500 E	2500	0.7	-	-	-	-	-	-	32.7	3	36.3	3	39.8	3

Note - all electric heater selections are based on high fan speed and a return temperature of 15°C.
PH = Phase.

General Data

Unit Ref	Width	Air Vol	Motor	Weight			Noise Level
			FLC	Ambient	LPHW	Electric	
			Amps	kg	kg	kg	dB(A)
AS Type C 915	915	0.2	1.66	32	35	33	50/54
AS Type C 1220	1220	0.3	2.49	43	48	45	51/55
AS Type C 1500	1500	0.4	3.32	55	60	57	52/56
AS Type C 1800	1800	0.5	4.15	66	73	69	52/57
AS Type C 2100	2100	0.6	4.98	78	86	81	52/58
AS Type C 2500	2500	0.7	5.81	92	101	96	53/58

Unit weights are approximate

Wiring & Controls - Ambient units

- Wired to: GSS634/2Pole/Transformer
- Terminal strip wiring available on request to allow for controls "by others"
- Single phase supply (230/1/50)

Wiring & Controls - LPHW units

- Wired to: Enetec 18-Water-Remote-EC Fans
- Complete with wall mounted control panel.
- Single phase supply (230/1/50)

Wiring & Controls - Electric Units

- Wired to: Enetec 18-Electric-Remote-EC Fans
- Complete with wall mounted control panel.
- Three-phase supply (415/3/50)

Note: Units with "remote" wiring configurations have controls electronics supplied in a remote galvanised panel box 325 x 325 x 180