



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

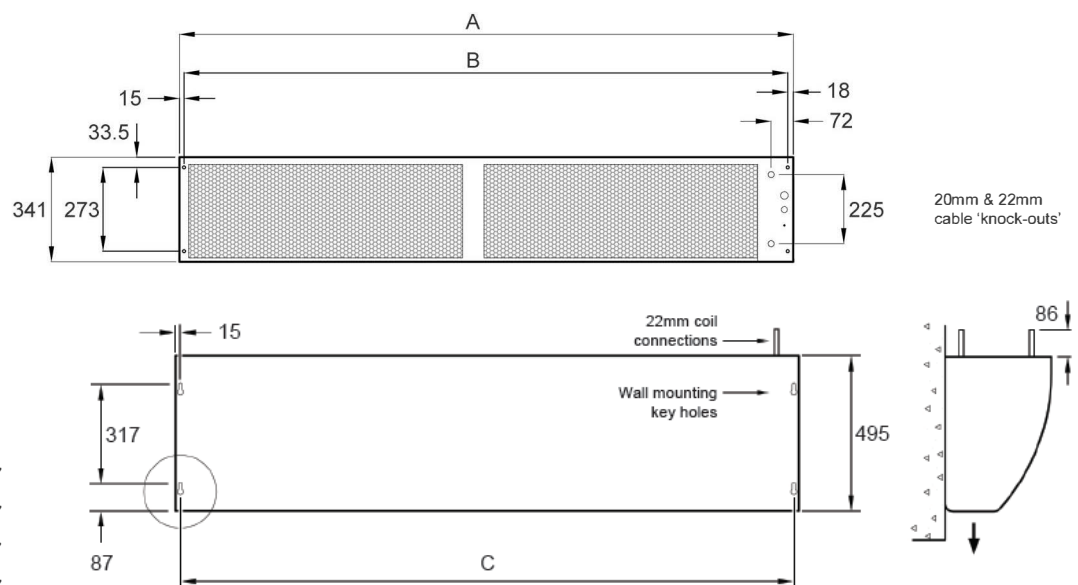
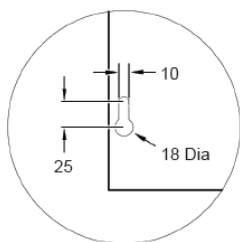
Enviroscreen - ES Type B

Ideal for 'on-view' wall mounting or free-hanging applications.

The Type B design is regarded as perfect because it delivers the air as close as possible to the entrance. For 'on-view' mounting against a solid or glass wall and for free-hanging.

Mounting Height:	up to 3.0 metres
Height x Depth:	495mm x 340mm
Std Widths:	1000, 1500, 2000, 2500, 3000mm
Mounting:	Fixing holes provided to accommodate threaded rod (rod by others)
Heat options:	Ambient, LPHW, Electric & Heat Pump (for HP, refer to separate data sheet)
Spec options:	Finish, colour, controls

Dimensions



Unit Ref	Width	A	B	C
	mm	mm	mm	mm
ES Type B	1000	1000	970	967
ES Type B	1500	1500	1470	1467
ES Type B	2000	2000	1970	1967
ES Type B	2500	2500	2470	2467
ES Type B	3000	3000	2970	2967

Heater Output - LPHW

Unit Ref	Width mm	Air Vol m³/s	Coil Connection mm	Flow / Return 82/71°C				Flow / Return 80/60°C				Flow / Return 70/50°C			
				Air Off °C	Flow l/s	PD kPa	Output kW	Air Off °C	Flow l/s	PD kPa	Output kW	Air Off °C	Flow l/s	PD kPa	Output kW
ES Type B 1000 W		0.42	22	40	0.29	4.2	12.9	40	0.16	1.4	12.9	35.4	0.13	1.0	10.5
ES Type B 1500 W		0.63	22	40	0.43	11.1	19.4	40	0.24	3.7	19.4	38.0	0.22	3.4	17.8
ES Type B 2000 W		0.84	22	40	0.58	7.8	25.8	40	0.32	2.5	25.8	37.1	0.29	2.1	22.8
ES Type B 2500 W		1.05	22	40	0.72	12.8	32.3	40	0.39	4.1	32.3	38.2	0.37	3.7	29.9
ES Type B 3000 W		1.26	22	40	0.86	19.2	38.7	40	0.47	6.1	38.7	38.9	0.46	6.0	37.0

Unit Ref	Width mm	Air Vol m³/s	Coil Connection mm	Flow / Return 60/40°C				Flow / Return 50/40°C				Flow / Return 45/35°C			
				Air Off °C	Flow l/s	PD kPa	Output kW	Air Off °C	Flow l/s	PD kPa	Output kW	Air Off °C	Flow l/s	PD kPa	Output kW
ES Type B 1000 W		0.42	22	27.9	0.08	0.5	6.7	28.8	0.18	1.9	7.1	25.4	0.13	1.1	5.4
ES Type B 1500 W		0.63	22	32.0	0.16	2.0	13.1	30.4	0.30	6.1	11.9	27.5	0.24	4.2	9.7
ES Type B 2000 W		0.84	22	29.6	0.19	0.9	15.1	29.8	0.38	3.7	15.3	26.4	0.29	2.2	11.8
ES Type B 2500 W		1.05	22	31.7	0.27	2.0	21.5	30.5	0.50	6.6	20.1	27.5	0.40	4.4	16.1
ES Type B 3000 W		1.26	22	32.8	0.34	3.5	27.6	31.0	0.61	10.6	24.8	28.0	0.50	7.2	20.2

Note - all selections are based on a return air-on 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 mm	Air Vol m³/s	9kW Heater		12kW Heater		15kW Heater		18kW Heater		21kW Heater		24kW Heater		27kW Heater	
			Air Off °C	Phase	Air Off °C	Phase	Air Off °C	Phase	Air Off °C	Phase	Air Off °C	Phase	Air Off °C	Phase	Air Off °C	Phase
ES Type B 1000 E		0.42	32.7	3	-	-	-	-	-	-	-	-	-	-	-	-
ES Type B 1500 E		0.63	26.8	3	30.7	3	-	-	-	-	-	-	-	-	-	-
ES Type B 2000 E		0.84	-	-	26.8	3	29.8	3	32.7	3	-	-	-	-	-	-
ES Type B 2500 E		1.05	-	-	-	-	26.8	3	29.2	3	31.5	3	33.9	3	-	-
ES Type B 3000 E		1.26	-	-	-	-	-	-	26.8	3	28.8	3	30.7	3	32.7	3

Note - all selections are based on a return air-on of 15°C

Heater Output - Heat Pump

Heat Pump versions of the Enviroscreen are available. Please refer to separate data sheet

Enviroscreen - General data

			Motor	Weight		
Unit Ref	Width	Air Vol	FLC	Ambient	LPHW	Electric
	mm	m ³ /s	Amps	kg	kg	kg
ES Type B 1000		0.42	1.66	36	44	38
ES Type B 1500		0.63	2.49	50	62	53
ES Type B 2000		0.84	3.32	69	86	74
ES Type B 2500		1.05	4.15	83	103	88
ES Type B 3000		1.26	4.98	96	121	103

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

- Up to 1.5m long - Enetec 18-Water-Remote-EC Fans
- Over 1.5m long - Enetec 18-Water-EC Fans
- Complete with wall mounted control panel.
- Single phase supply (230/1/50)

Wiring & Controls - Electric Units

- Up to 1.5m long - Enetec 18-Electric-Remote-EC Fans
- Over 1.5m long - Enetec 18-Electric-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