



SlimBox

SB125EC

SB200EC

SB250EC

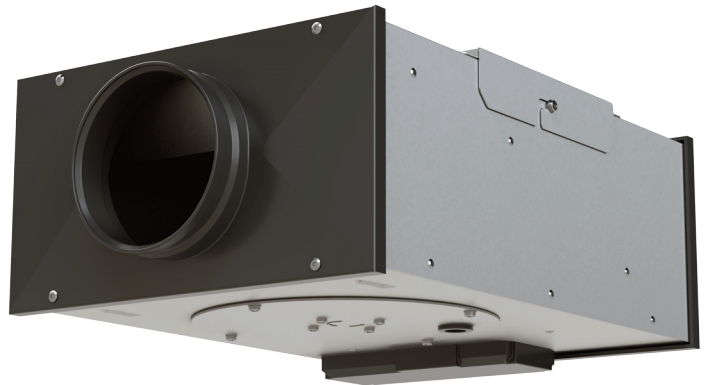
**Decentralised MEVs
Comfort Ventilation**

Up to 350 l/s

SlimBox - Decentralised MEVs - Comfort Ventilation

Features and benefits

- ErP 2026 ready
- Compact, ultra slim profile
- Energy efficient EC motor
- Low noise and running costs
- 3 sizes available - up to 350 l/sec
- 3 year warranty - 1 year parts and labour, 2 years parts only



Efficient and low noise fan

- Highly efficient, low-energy, brushless **EC motors**
- **Backward curved impellers**, dynamically balanced
- Thermal overload protection

Integrated controls

- **Variable speed adjustment**
- Trickle, boost and purge speeds available
- Boost via switched live and volt-free purge
- Control with:
 - Light switch
 - Dynamic remote humidistat
 - PIR
 - Thermostat
 - Remote switch / pull cord

Easy installation and maintenance

- Easy access to motor and impeller
- Can be installed horizontally or vertically
- Factory-fitted and pre-wired controls

Slim metal case

- Compact and ultra-low profile
- Casing from galvanised steel
- Complete with mounting bracket and anti-vibration plate

Complies with

- Part L and Part F of Building Regulations
- Ecodesign for Energy-Related Products Regulations (Amendment) 2019
- RoHS Regulations 2012
- EMC Regulations 2016

Wide range of accessories

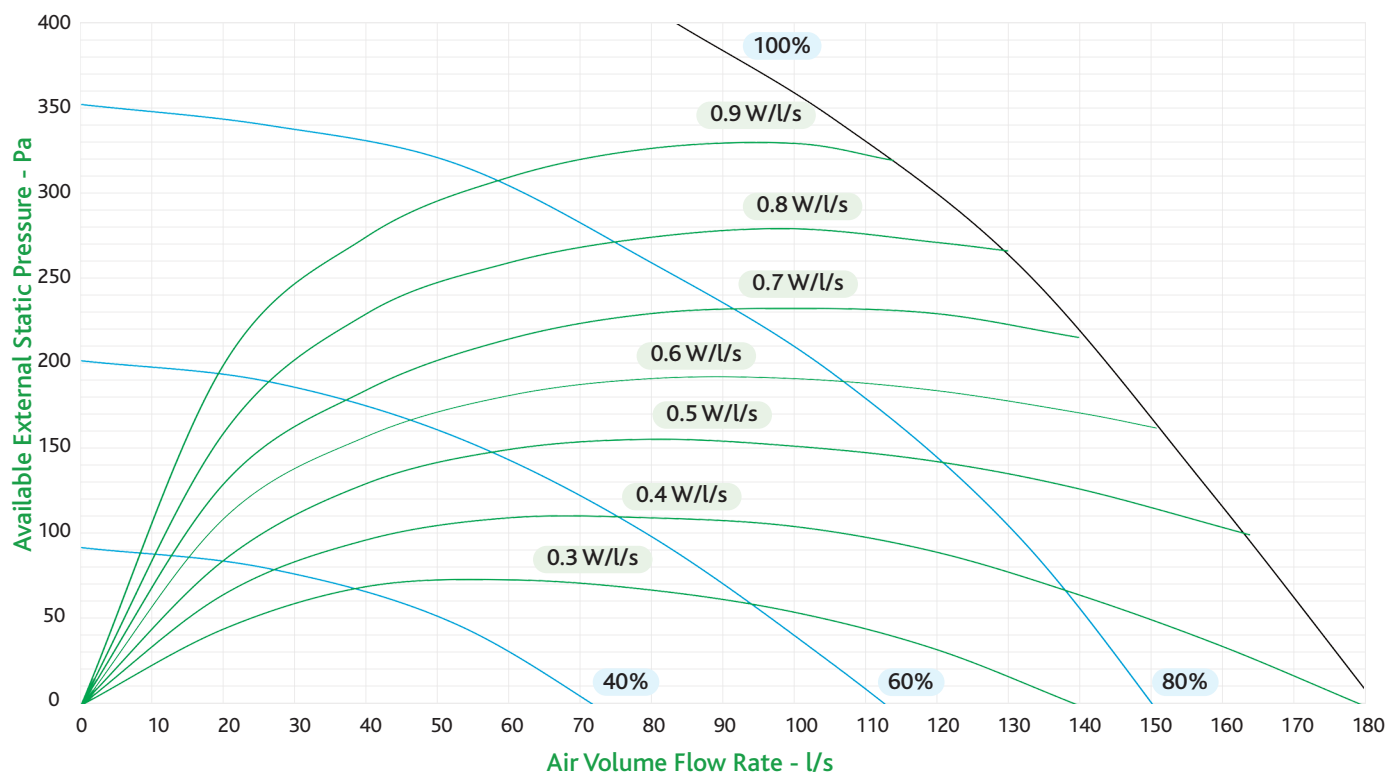
- Air filter cassettes
- Attenuators
- Dampers
- Grilles
- Sensors
- 24/7 Time switches

Products manufactured in the UK to ISO 9001:2015 and ISO 14001:2015

SlimBox - Decentralised MEVs - Comfort Ventilation

PERFORMANCE

SB125EC



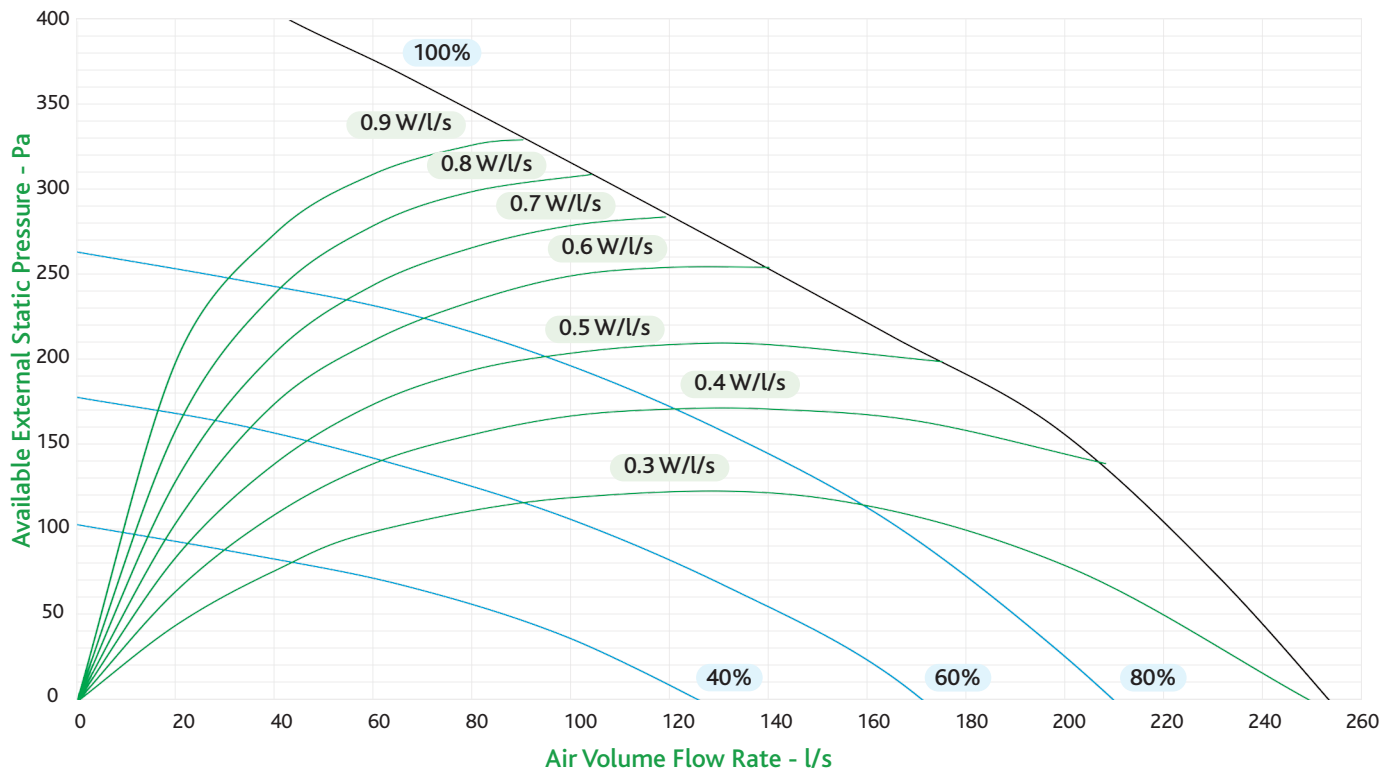
SB125EC		Sound Power Levels L_w (dB)-Octave Bands Frequency (Hz)								Sound Pressure L_p (dB(A))	
Curve Ref		63	125	250	500	1 k	2 k	4 k	8 k	@1.5m	@3m
100% 150 l/s @ 160Pa	Extract	58	64	65	61	59	57	53	57	40	34
	Supply	64	69	70	66	65	63	58	63		
	Breakout	62	62	56	45	37	29	18	20		
80% 125 l/s @ 125Pa	Extract	53	58	58	54	53	51	44	46	33	27
	Supply	58	64	64	59	58	56	50	52		
	Breakout	56	56	50	39	31	22	9	9		
60% 95 l/s @ 60Pa	Extract	50	54	52	47	46	43	35	35	28	22
	Supply	55	59	57	53	52	48	41	41		
	Breakout	53	52	43	32	24	21	6	6		
40% 60 l/s @ 30Pa	Extract	44	46	44	40	39	34	26	13	20	14
	Supply	50	52	50	45	44	40	32	19		
	Breakout	47	44	35	24	17	5	5	5		

The breakout dB(A) sound pressure values are given for hemispherical free field propagation. Tolerance: +/-5%.

SlimBox - Decentralised MEVs - Comfort Ventilation

PERFORMANCE

SB200EC



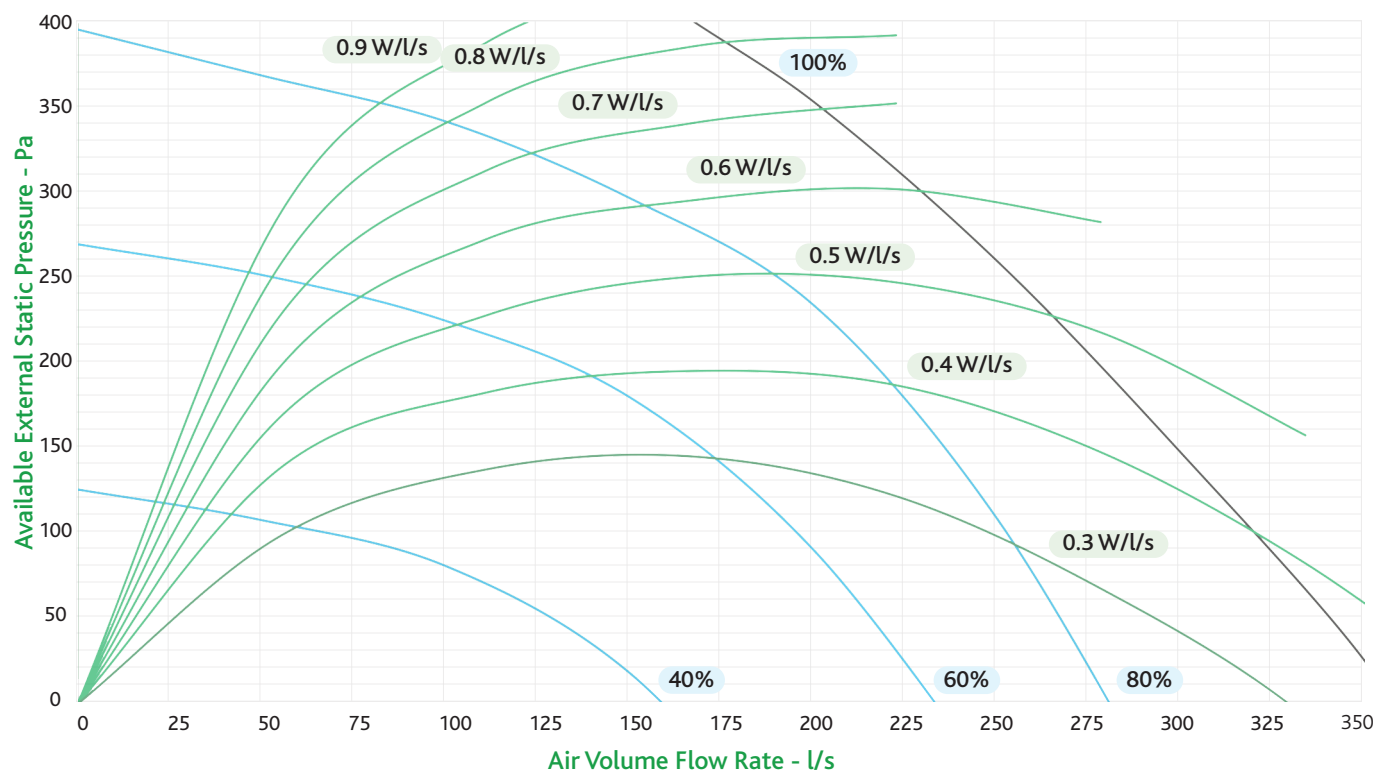
SB200EC		Sound Power Levels L_w (dB)-Octave Bands Frequency (Hz)								Sound Pressure L_p (dB(A))	
Curve Ref		63	125	250	500	1 k	2 k	4 k	8 k	@1.5m	@3m
100% 170 l/s @ 200Pa	Extract	58	60	65	63	64	62	58	58	40	34
	Supply	63	65	70	68	69	67	63	63		
	Breakout	61	58	57	49	44	36	26	24		
80% 150 l/s @ 125Pa	Extract	53	55	59	56	57	55	50	48	34	28
	Supply	58	60	64	61	62	60	55	53		
	Breakout	56	53	51	42	37	29	18	14		
60% 110 l/sec @ 100Pa	Extract	49	50	52	49	50	48	42	39	28	22
	Supply	54	55	57	54	55	53	47	44		
	Breakout	52	48	44	35	30	22	10	5		
40% 60 l/s @ 75Pa	Extract	43	42	43	40	41	38	32	25	19	13
	Supply	48	47	48	45	46	43	37	30		
	Breakout	46	40	35	26	21	12	5	5		

The breakout dB(A) sound pressure values are given for hemispherical free field propagation. Tolerance: +/-5%.

SlimBox - Decentralised MEVs - Comfort Ventilation

PERFORMANCE

SB250EC



SB250EC		Sound Power Levels L_w (dB)-Octave Bands Frequency (Hz)								Sound Pressure L_p (dB(A))	
Curve Ref		63	125	250	500	1 k	2 k	4 k	8 k	@1.5m	@3m
100% 275 l/s @ 200Pa	Extract	63	65	66	63	62	62	61	59	38	32
	Supply	62	65	67	66	68	69	63	62		
	Breakout	59	57	53	46	42	38	26	22		
80% 235 l/s @ 125Pa	Extract	61	63	63	59	59	58	57	55	35	29
	Supply	60	63	64	63	64	65	60	58		
	Breakout	57	55	50	43	38	34	23	18		
60% 195 l/sec @ 100Pa	Extract	59	60	59	54	54	54	53	50	31	25
	Supply	58	60	60	58	60	61	56	53		
	Breakout	55	52	46	38	34	30	19	13		
40% 130 l/s @ 75Pa	Extract	54	54	50	45	45	45	45	35	23	17
	Supply	53	54	51	50	51	52	47	37		
	Breakout	50	46	37	30	25	21	10	5		

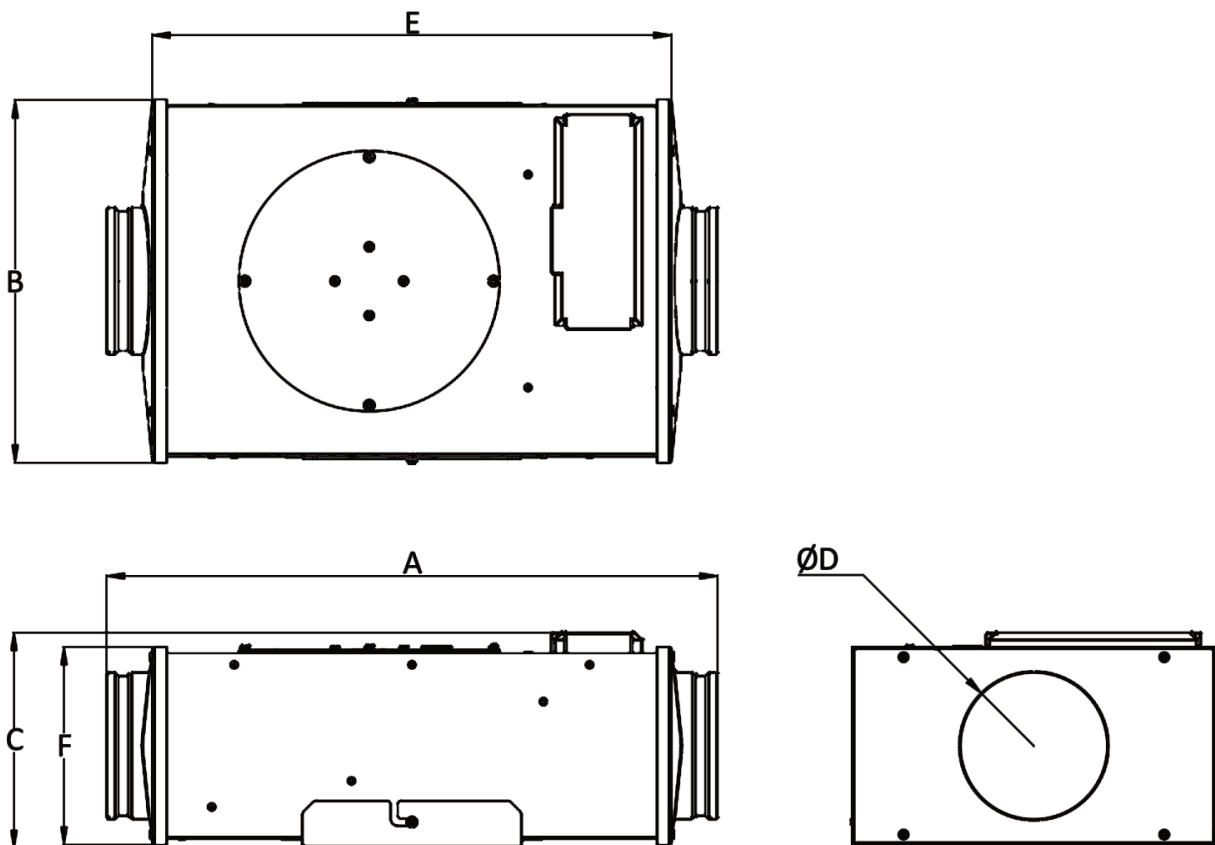
The breakout dB(A) sound pressure values are given for hemispherical free field propagation. Tolerance: +/-5%.

SlimBox - Decentralised MEVs - Comfort Ventilation

ELECTRICAL DATA

Unit	Phase	Voltage	Motor Size	Motor FLC	Fan Speed
SB125EC	1-phase	230V AC	99 W	0.74 A	3480 rpm
SB200EC	1-phase	230V AC	85 W	0.70 A	2580 rpm
SB250EC	1-phase	230V AC	170 W	1.65 A	2810 rpm

DIMENSIONS



Unit	A mm	B mm	C mm	D mm	E mm	F mm
SB125EC	518	305	182	124	435	165
SB200EC	597	374	254	198	504	232
SB250EC	647	374	304	248	554	282

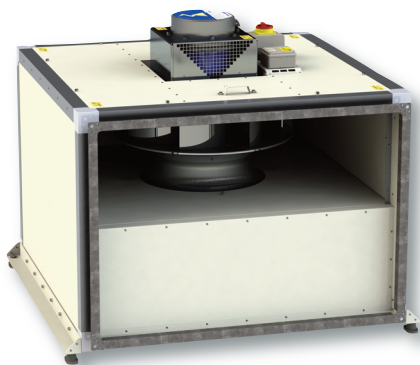
SlimBox - Decentralised MEVs - Comfort Ventilation

OTHER AVT PRODUCTS

Kitchens

High Temperature Extract Range - QBK

- Up to 3.0 m³/s. 5 sizes.
- Motor out of airstream.
- Operating temperature up to 120°C.
- Internal and external variants.



Toilets and Shower Areas

Twin and Single Extract Range -

QSS-EC and QST-EC

- Up to 3.9 m³/s. 8 sizes.
- Fitted and pre-wired controls.
- Internal and external variants.



Communal and Sports Facilities

Heat Recovery Ranges - HRPST and HRPVX

- Up to 4.3 m³/s. Extensive range of sizes.
- Side access, bottom access and stacked configurations.
- Vertical or horizontal intake and discharge.
- Fitted and pre-wired controls.
- Internal and external variants.



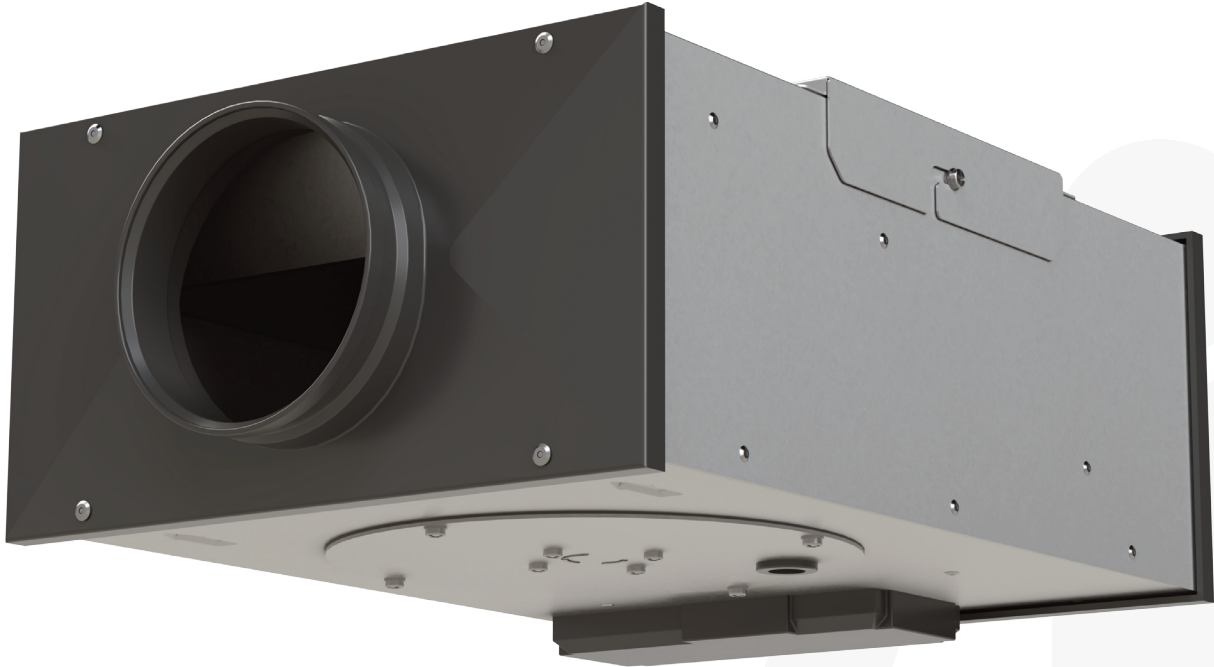
Fully Custom AHUs

Bespoke Units - STP and STR

- From compact supply AHUs to 20m³/s heat recovery units.
- Fitted with pre-wired controls.
- Internal and external variants.
- Built to EN1886 - D1, L2, F9 standards
- Available in flat-pack or sectional delivery.



And more! Reach out to AVT to see how we can assist.



SlimBox

SB125EC

SB200EC

SB250EC

Decentralised MEVs - Comfort Ventilation - Up to 350 l/s



Certificate
No:374622021

Air Vent Technology Ltd

56 Reith Way, Portway Industrial Estate

Andover, Hampshire, SP10 3TY

T: +44(0)1264 356415

E: sales@airventtechnology.co.uk

www.airventtechnology.co.uk

Part of the **Vectaire** Group of Companies