

# Lo-Carbon HR25

## Single Room Heat Recovery Unit



### Features & Benefits

- Reduces your carbon footprint.
- Designed for installations in bathrooms, toilets and utility areas.
- 84% temperature based heat recovery.
- Up to 90% energy saving.
- Controls condensation and eliminates mould.
- Choice of control options.
- Long life ECDC motors
- IP24 rated

### Long Life Ventilation

The Vent-Axia Lo-Carbon HR25 range of through the wall heat recovery units are suitable for fitting through a 152mm (6") circular hole and are designed for use in bathrooms. Available in 2 lengths, a standard version suitable for wall thicknesses of up to 310mm and an extended version suitable for wall thicknesses of up to 425mm. The Vent-Axia Lo-Carbon HR25 is available in 2 models, a standard version with pullcord control and a H version with an integral humidity sensor.

### Performance

Model	Extract Performance		Intake Performance		Watts		Sound	
	m³/h (l/s)		m³/h (l/s)		Boost	Trickle	dB(A) @ 3m*	
	Boost	Trickle	Boost	Trickle	Boost	Trickle	Boost	Trickle
HR25	55 (15)	20 (5)	36 (10)	8 (2)	23	2	49.2	16.8
HR25H	55 (15)	20 (5)	36 (10)	8 (2)	23	2	49.2	16.8
HR25L	55 (15)	20 (5)	36 (10)	8 (2)	23	2	49.2	16.8
HR25LH	55 (15)	20 (5)	36 (10)	8 (2)	23	2	49.2	16.8

\*Octave band frequency range of 250Hz to 4KHz at 3m. Unit mounted on a reflective surface.

### Performance

The units are fitted with a 24V DC motor and are supplied with a state of the art Switch Mode Power Supply (S.M.P.S.) This has the ability to operate at only 2 Watts power consumption on normal setting. A 5m cable is provided for fixed wiring of the unit to the S.M.P.S.

### Maintenance

Apart from removing odours, providing fresh air and recovering heat, this appliance extracts airborne impurities such as dust, dirt and grease. Filters should be replaced every six months or as conditions necessitate.

### Models

#### Lo-Carbon HR25

The HR25 is fitted with a pull cord switch which operates the twin speed control function.

**Stock Ref**  
**372261**

#### Lo-Carbon HR25H

The HR25H is fitted with an adjustable humidity sensor which automatically switches between its high and low settings depending on the relative humidity in the room.

**Stock Ref**  
**372262**

### Lo-Carbon HR25L

An extended version of the HR25 is available, designed for installations where the wall thickness is between 311mm and 425mm.

**Stock Ref**  
**372264**

### Lo-Carbon HR25LH

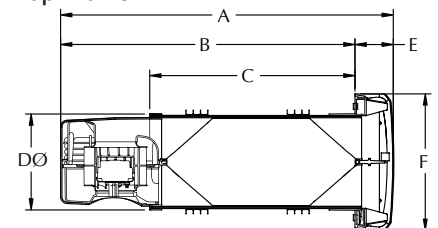
An extended version of the HR25H is available, designed for installations where the wall thickness is between 311mm and 425mm.

**Stock Ref**  
**372265**

### Dimensions (mm)

	A	B	C	D	E	F
Standard	508	451	318	147	204	54
Long	666	548	433	147	204	54
Standard - Weight	3.4kg					
Long - Weight	3.5kg					

### Top Profile



### Side Profile

Fixing hole Ø 152mm

