ELTA SELECT

# SWHR180

## Product Brochure


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# SWHR180

## Wall Mounted Heat Recovery Unit

heat rec.

### OVERVIEW

Offering the perfect solution for both new build and replacement ventilation, the SWHR180 goes beyond traditional extract fan technology to incorporate a state of the art heat recovery element, delivering significant energy saving in a simple to install compact unit.

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### QUICK FACTS

- ✓ Fitted with Ultra Low Watt DC motor technology.
- ✓ >73% thermal efficiency.
- ✓ Robust aluminium heat recovery cell for life.z
- ✓ Hardwearing and durable external grille.

### CASING

Designed for speed of installation, the SWHR is supplied with an innovative wall sleeve extension kit to be installed into wall thicknesses up to 600mm. Alternatively, for simple replacement installations an existing wall sleeve can be utilised. A full installation guide is enclosed with all products.

### HEAT RECOVERY

The heat recovery cell is a robust aluminium cross flow device. The cell is capable of achieving >73% efficiency.

### CONTROLS ELEMENTS

The unit is fitted with wireless switching complete with five mode settings: Trickle, medium, high, boost and auto. When the internal temperature reaches 25°C the unit will switch to auto mode to boost the extract and shut down the supply ventilation.

### MOTORS

Units incorporate the Ultra Low Watt DC motor technology with sealed for life ball bearings designed to operate continuously at a pre-set 'background' rate.

### QUALITY MANAGEMENT

Units are to be designed and manufactured with procedures as defined in BS EN ISO 9001:2008.

### TYPICAL APPLICATIONS

- Hotels
- Schools
- Colleges
- Libraries
- Offices
- Conference Halls

Elta Fans Limited has a policy of continuous product development and improvement and therefore reserves the right to supply products which may differ from those illustrated and described in this publication. Confirmation of dimensions and data will be supplied on request.

# SWHR180

## Performance & Electrical Data

DC

| | |
|---|---|
| Maximum airflow L/s (m³/h) | 52 (188) |
| Maximum Power (W) | 21W per fan |
| Specific Fan Power | 1.62 W/(L/s) @ 52 L/s |
| Speed Settings | 4 |
| Cell Thermal Efficiency | 73% |

| Setting | Supply & Extract | |
|---|---|---|
| | Airflow | Specific Fan Power |
| | L/s (m³/h) | W/(L/s) |
| Trickle | 14 (51) | 0.83 |
| Medium | 32 (114) | 1.00 |
| High | 44 (159) | 1.33 |
| Boost | 52 (188) | 1.62 |

## Accessories & Wiring Data

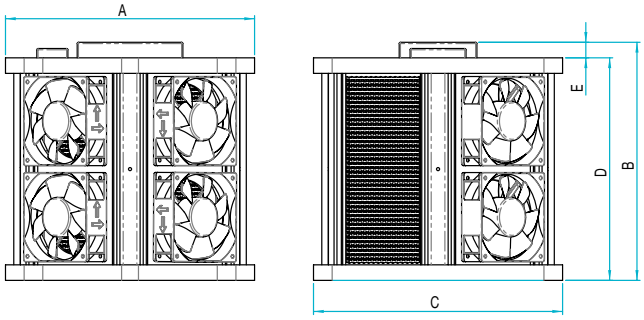
**There are no accessories available for this product.**

SINGLE Phase - 220 to 240V / 50Hz

| Product Code | Wiring Diagram No. |
|---|---|
| SWHR180 | 152-524 |

**For Wiring Diagrams, please visit eltaselect.com/information-centre**

## Dimensional Data




| Product Code | A | B | C | D | E |
|---|---|---|---|---|---|
| SWHR180 | 417 | 345 | 350 | 300 | 45 |

All dimensions are shown in mm.

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## BUILDING SERVICES

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