

HR200WK

Features & Benefits

- Single room domestic heat recovery ventilation unit
- 3 speed motor
- Integral washable filter
- Up to 75% heat recovery
- Saves energy - controls condensation
- Low noise



Heat Recovery Ventilation

The Vent-Axia HR200WK is a heat recovery ventilation unit specifically designed for use in domestic kitchens and utility rooms to meet the Building Regulations. The unit is also suitable for light commercial applications up to 220m³/h (50l/s). The compact, self contained unit is designed for through-the-wall mounting.

The three speed, external rotor motor has two matched impellers to ensure a controlled airflow through the unit, with exceptionally economical 25 Watt low speed power consumption.

Easy Installation

The HR200WK fits through walls up to 335mm thick requiring a fixing hole 250mm square. The internal grille has washable, polymeric foam supply and extract filters. Only the neat internal twin grille is visible from the room. A wall extension sleeve is available for walls up to 550mm thick.

Heat Exchanger

The highly efficient, polymeric heat exchanger cube is washable. The compact cube interleaves outgoing moist warm air with incoming fresh air and allows the heat from one to warm the other without the two air streams mixing. Up to 75% of the heat, which would otherwise be lost, is transferred to the intake air, ensuring energy saving ventilation.

Electrical

HR200WK 220-240V/1/50Hz Class 1 earthed appliance. The 3 speed motor, can be wired to operate On/Off for any one of the three speeds. Alternatively, an Ambient Response Humidity Sensor or simple changeover switch can be used to provide switching between any two speeds, giving permanent trickle ventilation and automatic changeover to a higher speed during periods of high moisture generation. Also the 3 speed controller enables the unit to be switched from permanent trickle to either medium or boost speed.

Models

HR200WK

A heat recovery unit specifically designed for use in domestic kitchens and utility rooms to meet the latest building regulations. 3 speed motor, trickle ventilation mode, optional range of switches available.

| Model | Stock Ref |
|---------|-----------|
| HR200WK | 14120020 |

Accessories

| Model | Stock Ref |
|-----------------------|-----------|
| Extension Wall Sleeve | 370421 |
| Electronic Controller | W300310 |

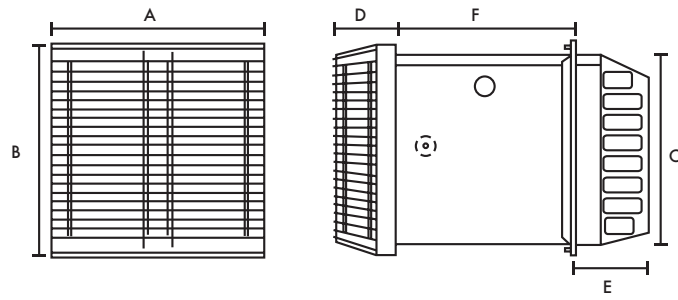
Controllers

HR200WK Controller

A three position rotary control which enables the unit to be switched from permanent trickle ventilation to either medium or boost speed.

| Model | Stock Ref |
|--------------------|-----------|
| HR200WK Controller | 563533 |

Dimensions (mm)



Wall fixing hole 250mm x 250mm sq.

| A | B | C | D | E | F |
|-----|-----|-----|----|-------|--------|
| 270 | 270 | 245 | 85 | 68min | 335max |

Weight 9.7kg

Performance

| | Performance l/s (m ³ /h) | | Watts | % Heat Recovery | Sound dB(A) @ 3m | SEC Class | SEC Class (inc. LDC) |
|---------|-------------------------------------|----------|-------|-----------------|------------------|-----------|----------------------|
| | Extract | Intake | | | | | |
| Speed 1 | 16 (60) | 13 (50) | 25 | 75 | 19 | D | B |
| Speed 2 | 30 (110) | 27 (100) | 60 | 70 | 33 | | |
| Speed 3 | 61 (220) | 55 (200) | 140 | 65 | 46 | | |