



## Single Room Alternate Flow Heat Recovery Range



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A continuously running, low energy, ultra quiet, alternate flow supply and extract fan with heat retention for use in habitable areas such as living rooms, bedrooms, dining rooms, basements and hallways.

The unit helps a room "breathe" and reduces indoor air pollutants and humidity levels. The unit is ideal for tackling problems associated with condensation dampness such as mould growth.

## Models available

| Code      | Description   |
|-----------|---|
| MON-HR100 | 100mm Energysaver Single Room HR (Airflow l/s = 3 / 4 / 7)  |
| MON-HR150 | 150mm Energysaver Single Room HR (Airflow l/s = 6 / 11/ 17) |
| MON-HRSC  | Controller to operate up to 4 unit)                         |



## Features

- Energy efficient regenerative heat exchanger, up to 90% recovery
- EC low power consumption motor, cost less than £2 a year to run
- Each model has three different airflow settings to choose from
- Ideal for tackling condensation and damp issues such as mould growth
- Can control 1-4 units with the controller, allowing selection of off/on, the speed selection and extract or supply
- 5 year guarantee

## Operation

Every 70 seconds the unit alternates between supply and extract fan modes. When in extract mode the unit's high efficiency ceramic heat exchanger collects and retains heat from the extracted air. The majority of this heat is then transferred to the incoming air during supply mode.

This method of operation avoids the short circuiting of air that can often happen with conventional single room heat recovery units, resulting in much more effective room ventilation.

Units can also be set to work in harmony with each other e.g. when a unit in one room is extracting air another unit in another room can be set to supply air. This can greatly enhance cross ventilation and ventilation effectiveness in a home.



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## Performance

| Model     | Airflow l/s | Power W Max     | Sound dB(A) @ 3m |
|-----------|-------------|-----------------|------------------|
| MON-HR100 | 3 / 4 / 7   | 1.2 / 1.7 / 2.6 | 9 / 15 / 29      |
| MON-HR150 | 6 / 11 / 17 | 1.4 / 2.3 / 3.8 | 8 / 18 / 26      |

## Dimensions (mm)

| Model     | A   | B  | C   | D       | €   |
|-----------|-----|----|-----|---------|-----|
| MON-HR100 | 164 | 46 | 164 | 270-510 | 108 |
| MON-HR150 | 218 | 51 | 218 | 300-560 | 158 |

