



Up to 10% saving on annual heating costs



Energy Efficient Condensation-Control Unit for Flats & Apartments

Energy Saving Benefits

✓ Minimum Energy Consumption

Powered by an Ultra Low Watt Brushless DC Motor, the ECO₂ Wall utilises the latest technology to ensure minimum energy consumption and long term trouble free life.

✓ Heat Distribution

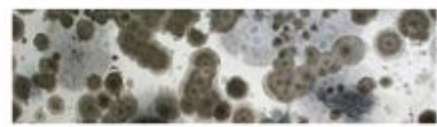
Warm air accumulates at ceiling level. This air can be up to 7°C higher than the internal air at ground level. By introducing an almost imperceptible air supply into the dwelling, the ECO₂ Wall helps to redistribute heat around the home and thus reduce space heating costs.

✓ No Need To Open Windows

To reduce humidity and condensation during the heating season, significant energy loss occurs by opening windows. By installing an ECO₂ Wall and providing fresh filtered air to the home humid air is displaced without opening windows and thus making significant savings to the occupier, in addition to improving building security.



Health Benefits



With improved building features in our homes, such as cavity wall insulation, double glazing and draught proofing, 'natural ventilation' is prohibited. Stale air is trapped causing streaming windows, which ultimately leads to musty smells, dampness and mould growth. These mould spores are known allergens and become airborne at the slightest disturbance. The microscopic spores are then inhaled and can trigger respiratory problems such as asthma, dust allergies and hayfever.

The ECO₂ Wall draws fresh air into the dwelling from outside and filters it before being delivered into the property. Moisture-laden air is diluted, displaced and replaced with clean, tempered and filtered air. This eliminates or reduces surface condensation, which causes mould growth, providing a significant improvement in the health of asthma sufferers and general indoor air quality.



What is the ECO₂ Wall?

The Mr Venty ECO₂ Wall is an energy efficient condensation-control unit for flats and apartments.

It introduces fresh, filtered air throughout the living space to transform a stagnant and stale atmosphere into a fresh, healthy and condensation-free environment.

features & benefits

- Reduces/eliminates surface condensation
- Quiet operation
- Eliminates mould
- Stops streaming windows
- Removes musty odours
- Improves air quality
- Can reduce heating costs
- Benefits asthma sufferers
- BBA approved
- Expert fitting staff
- Low running costs
- Integral intelligent comfort heater (as standard)
- 5 year guarantee



Ideal for flats and apartments

• Environmentally Friendly

With 5 year on-going maintenance free warranties and superior long life filters the unit achieves the lowest life-cycle costing. All other component replacement is carried out simply and quickly by exchanging the consumable items. The worn out components are then taken back to the factory to be recycled thus reducing the impact on landfill and saving millions of pounds in replacement costs.

• Pre-Heater and Hours Run Meter

The integral pre-heater is designed to temper the incoming air during periods of low external temperatures. A sensor monitors incoming air and pulses the heater to ensure temperatures are held to pre-set minimums. Two independent safety cut-out devices shut down the heater in the event of fan failure. The heater facility is controlled independently from the fan by a conveniently positioned enable/disable switch.

For monitoring of operational life and verification of usage, an integral Hours Run Meter is fitted.

Annual Running Costs

Annual running cost with heater DISABLED. All costs are based on an electricity cost of £0.15 per unit (kWh). These calculations must be used as a guide only. Below are comparisons against other household appliances

Settings

Trickle	Medium
£4.47	£5.00

Household Appliance	Time required to consume £5.00 of electricity
Fridge Freezer	17 Days
42" TV (Viewing Time)	17 Days
100W Light Bulb	12.5 Days
Home Computer	4 Days
Games Console	4 Days
Iron	41 Hours
Tumble Dryer	17 Hours
Cold/Hot Dishwasher	15 Loads

Technical Information



ECO₂ Wall

The unit performs in 'condensation control mode' at air temperatures BELOW 19°C

Maximum Airflow
l/s (m³/h)

29 (72)

Maximum Power (W)

6.1

Sound Levels
dB(A) @ 3m

20.3

Speed Settings

4



ECO₂ Wall

The unit performs in energy saving 'heat source mode' at air temperatures ABOVE 19°C

Maximum Airflow
l/s (m³/h)

23 (63)

Maximum Power (W)

7.4

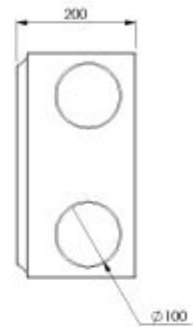
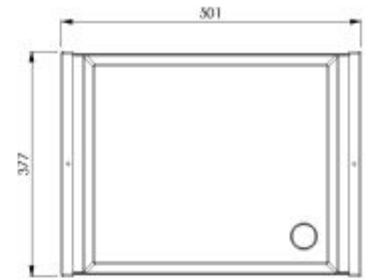
Sound Levels
dB(A) @ 3m

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Speed Settings

4

Dimensions (mm)



Order Codes

E-WALL

ECO₂ Wall with heater