

## Envirovent Filterless Extractor Fan Running Costs

*Costs are based on the Envirovent Filterless Extractor Fan with Humidistat Control. These fans run continually and boost when they detect a rise in airborne moisture levels.*

### **Kitchen and Bathroom Extractor Fan Running Costs**

Kitchen on Trickle for 22 hours per day – 2 watts - £5.46 per year

Kitchen on Boost for 2 hours per day – 26 watts - £6.45 per year

**Total Annual Cost = £11.91 (equivalent to approx. 99p per month)**

Bathroom on Trickle for 22 hours per day – 1 watt - £2.73 per year

Bathroom on Boost for 2 hours per day – 7 watts - £1.74 per year

**Total Annual Cost = £4.47 (equivalent to approx. 37p per month)**

### **Calculation:**

$(\text{Watts} / 1000) = \text{kW} \times (\text{hours the fan is on per year} \times \text{cost per kWh @ 34p})$

(22 hours a day for 365 days, equivalent to 8030 hours a year on Trickle, plus 2 hours a day for 365 days, equivalent to 730 hours on Boost):

Example for a Kitchen Fan =  $(2/1000 \times 8030 \times 0.34 = £5.46 \text{ per year}) + (26/1000 \times 730 \times 0.34 = £6.21 \text{ per year})$   
= Combined Cost (£5.46 + £6.21) = £11.67 per year

### **Airflow Performance**

- Trickle – 9/11 litres per seconds
- Bathroom on Boost - 33 litres per second
- Kitchen on Boost – 52 litres per second

*Please Note – Energy consumption calculations are dependent on boost operating times and kWh and will vary on differing tariffs. Currently according to Ofgem for a typical customer paying by direct debit, the cost will be 34p per kWh for those on the standard variable tariff. Further details can be found at [www.ofgem.gov.uk](http://www.ofgem.gov.uk).*

### **Are you struggling with Energy Bills or need help getting the best energy provider for your home?**

We operate a Tenancy sustainment duty line between 9am to 5pm, Monday to Friday that you can call for advice. Please note the line is closed on bank holidays.

West of England and Somerset Duty Line – 01934 526 444. Devon and Cornwall Duty Line – 01392 302 444.

Alternatively, you can complete a Tenancy Sustainment Self-Referral Form on our website at [www.livewest.co.uk](http://www.livewest.co.uk)