

Radon Positive Input Ventilation (PIV) System Running Costs

Costs are based on the most commonly installed model. For most, these are usually set a Fan Speed Setting 2

PIV Output: 220/240v AC

PIV System Running Costs

Setting 1 – 7.5 watts - £22.34 per year (equivalent to £1.86 per month)

Setting 2 – 9.5 watts - £28.29 per year (equivalent to £2.35 per month)

Setting 3 – 13 watts - £38.72 per year (equivalent to £3.23 per month)

Setting 4 – 17 watts - £50.63 per year (equivalent to £4.22 per month)

Calculation:

Watts / 1000 = kW x hours the fan is on per year x cost per kWh (34p)

(Assumes 24 hours a day equivalent to 8760 hours a year):

Example for Setting 2 = $9.5/1000 \times 8760 \times 0.34 = £28.29$ per year

The Positive Input Ventilation System is fitted with a pulse heater that can be allowed to operate automatically or switched off. Costing this is very difficult as varying temperature and milder winters can prevent the heater operating or cause intermittent usage.

The Pre Heat facility generally switches on when the air temperature drops below 12°C and some models can be turned off if required.

Additional Pre-Heat Facility Cost (when on) : $(500/1000 \times 1 \times 0.34) = £0.17p$ per hour

Airflow Performance

Speed Setting 1/2/3/4 = 36/42/48/63 litres per second

Please Note – Energy consumption calculations are dependent on 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 under Price Cap Increase from April 2022.

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