



## Energy Efficiency Package for Corrosion Test Chambers



Reduce running costs

Reduce carbon footprint

Reduce power consumption

Increase efficiency

Improve thermal stability



Ascott is taking real action to reduce the impact of its products on the environment and has created a package of measures that, if implemented, can give a significant improvement in the performance of older corrosion test chambers.

\* Dependent on model and age.

Reducing the impact of our products on the environment.



# Energy Efficiency Package

## for Corrosion Test Chambers

### Increase efficiency & reduce running costs

By implementing the Energy Efficiency Package you will see a substantial reduction in the running costs of your Ascott corrosion chamber as efficiency is improved.

Depending upon chamber type and usage, the savings made may cover the costs of implementing the Energy Efficiency Package within the first year.

### Reduce carbon footprint

Reducing the power consumption of your Ascott corrosion chamber has the added benefit for the environment by reducing its carbon footprint.

### Reduce power consumption

With the significant cost of energy, reducing the power consumption of your Ascott corrosion chamber will yield substantial cost savings year on year!

### Improve thermal stability

Implementing the Energy Efficiency Package will also benefit the performance of your Ascott corrosion chamber by improving the steady state stability of the temperature and humidity within the chamber during testing.

### Energy Efficiency Package

Following initial assessment, a qualified Ascott engineer will visit and undertake a number of measures. Depending on the chamber model and age these may include the following:

1. Separate inner and outer chambers and install replacement high efficiency insulation to the chamber heaters.
2. Access control compartment and apply high efficiency insulation to the air saturator.
3. Supply and fit high efficiency roof/window insulation.



### Typical savings

	Savings per hour	Savings per 24 hours	Savings per annum
KWh	0.13	3.12	1139
£ based on 0.11p per KWh §		0.34	125
CO <sub>2</sub> based on 0.43kg CO <sub>2</sub> per KWh *		1.34	490

§ UK average at time of printing.

\* Based on a 450 Ltr chamber with uninsulated roof.

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environment.



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