

Smartcool Systems presentation impresses London investors

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Konyi was accompanied by technical and sales team members, who highlighted the progress and potential of their energy saving products. Of particular interest was the existing clients in the UK and the enlargement of the sales team to ramp up the sales effort in the UK and Germany, both high cost electricity countries.

Smartcool's EC03 is an energy efficiency retrofit product that can save an average of 15% kWh energy used by the compressor in air conditioning, refrigeration and heat pump systems (HVAC-R). The EC03 achieves savings using intelligent cycle optimization technology.



The EC03 can improve energy efficiency for one or two compressor or stage systems including:

- Packaged air conditioning systems – both residential and commercial
Small commercial refrigeration systems
- Combined heat pump systems – both residential and commercial
- Even on the most modern equipment with intelligent controls, or where other energy saving processes are already installed, Smartcool's EC03 provides energy efficiency gains.

Smartcool's ESM is an advanced energy efficiency retrofit

product that can save an average of 15% kWh energy on compressor operation in even the most complex air conditioning and refrigeration systems (HVAC-R).



Energy savings by the ESM are achieved using the compressor optimisation strategy most appropriate for the existing equipment. As a modular product, the ESM is customised for each installation, giving it complete compatibility with a wide range of equipment and controls.

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Smartcool's EC03 and ESM use intelligent compressor optimisation to save an average 15% kWh and give customers a payback in 12 to 36 months.

Air conditioning, refrigeration and heat pump (HVAC-R) units waste a lot of energy through natural inefficiency. Their compressors consume about 70% of the total energy used by the system. The average building has about 35% of its total energy used up by these systems- and many businesses see much more of their energy bill coming from their cooling systems.