

# SMARTCOOL™

IMPROVE YOUR BUSINESS BY E<sup>3</sup>

ENERGY EFFICIENCY - ECONOMIC BENEFITS - ENVIRONMENTAL SUSTAINABILITY

Smartcool's Energy Saving Module (ESM)™ is a unique retrofit technology that saves energy on the compressors in air conditioning and refrigeration systems. Working in conjunction with existing equipment and controls, the ESM™ maintains pre-set temperatures without causing over-cycling and reducing compressor run time by up to 30%.

Smartcool clients confirm electricity demand and consumption savings in excess of 20%, giving them a rapid return on investment and reducing their carbon footprint. Here's just one example of the savings that can be achieved with Smartcool:



Business Type	Hospital
Location	Pacific Street, Newcastle NSW, Australia
A/C or Refrigeration	A/C and Refrigeration
Brand	Trane
Type	Scroll compressor
# of Units	4
Controller	Unknown



## Result Highlights

Return on Investment	Annual kWh Reduction	kWh Savings	Greenhouse Gas Reduction
<b>18 months</b>	<b>372,434 kWh</b>	<b>13.18%</b>	<b>813,176 lbs</b>

## Results Summary

The overall results from the evaluation clearly demonstrate a total reduction in energy consumption of 13% due to the installation of the ESM™.

In addition to the substantial monetary benefits achieved by the Royal Newcastle Hospital, the Energy Savings Module™ provides significant environmental rewards, all without compromising temperature requirements.

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