

Test Report

Energy Consumption with and without AIRCO SAVER

Purpose of test

The trial was conducted over a fourteen day period to determine the energy consumption saving measured in kWh resulting from the retrofitting of an AircoSaver control unit on a single speed compressor air conditioner.

Period

01 January 2013 - 24 January 2013 - Without AircoSaver
29 January 2013 - 06 February 2013 - With AircoSaver

Result

Typical day consumption (kWh) without AircoSaver: 38.022 kWh
Typical day consumption (kWh) with AircoSaver: 28.579 kWh

SAVING 25%

Equipment

1 x Airco Saver
1 x Elster A220 Class 1 Single Phase logging meter - serial number 30604725, half-hourly logging data
1 x Carrier Midwall Split - 24 000BTU

Site

Office - Travelhouse, Rosebank
For the duration of the trial the air conditioner was set on cooling temperature of 22 Degree Celcius.

Energy consumption and Temperature data and graphs available as source documentation.