



# EnergySaver Auto User Instructions

**NuVision Energy**

Unit 19P

Flightways Business Park

Dunkeswell

Devon EX14 4RD

**Tel:** 01404 891693

**Fax:** 01392 410436

**Email:** [support@nuvisionenergy.co.uk](mailto:support@nuvisionenergy.co.uk)

**Web:** [www.nuvisionenergy.co.uk](http://www.nuvisionenergy.co.uk)

## **What does the EnergySaver Auto do?**

The EnergySaver Auto fitted to your central heating system will make sure your boiler works as efficiently as possible. This will reduce the operating costs and the levels of carbon dioxide released into the atmosphere.

The EnergySaver Auto reduces the time the boiler needs to fire in order to maintain a steady temperature. This reduces the amount of energy used and the levels of carbon dioxide gases released into the atmosphere. It does this by monitoring and controlling the temperature of the water flowing to the radiators and the temperature of the water when it returns to the boiler. The difference between these two temperatures represents the demand on your boiler. The standard boiler thermostat alone cannot work in this way and so will not control temperatures as efficiently and economically as the EnergySaver Auto.

## **How to use it**

The EnergySaver Auto is a fully automatic system which requires no user interaction, allowing you to operate your boiler in the normal manner.

The only user control is the Active/Bypass switch which allows you to isolate and de-power the system and revert to normal boiler operation prior to installation.

You should normally leave the bypass switch in the active position.

## Making adjustments

There are no user adjustments necessary with the EnergySaver Auto.

If your property is too cold or too warm then simply adjust your boiler thermostat, room thermostat or time clock in the normal manner.

## What the indicators mean

The EnergySaver Auto has a digital display to indicate the various operating modes as described below:

**Boiler Standby** – indicates that the boiler is off, maybe on the time clock or room thermostat.

**Boiler on Boost** – time clock and room thermostat are on and the boiler is firing to maximum temperature on a pre-set boost period.

**Firing** – indicates that the boiler will be on and producing heat.

**Analysing** – the EnergySaver Auto is calculating the current heating system demand.

**Economising** –

when this is displayed the boiler will be off, and the EnergySaver Auto will be in economy mode.

**Burner Request\*** – the system has determined that the boiler has been switched off, possibly by the time clock or room thermostat, and is waiting for the boiler to come on again.

\* Note: This may display during normal operation as the boiler temperature rises and falls.

## Fault-finding

If your central-heating system does not come on, check the following.

**1 The time clock is in the on position.**

If the time clock is within the normal on period, check that the selector switch is in the timed position.

**2 The room thermostat (if fitted) is turned up.**

Turn the room thermostat to its maximum setting and listen for the 'click' to tell you it is now on.

**3 The mains supply is on.**

Check that the display of the EnergySaver Auto is on. If not, a fuse may have blown.

If you have carried out the above checks, switch the bypass switch on the EnergySaver Auto to the bypass position. If the boiler works, leave the switch in this position and contact your installer. If the boiler will still not work, there is probably a fault with it and you should contact your installer.