



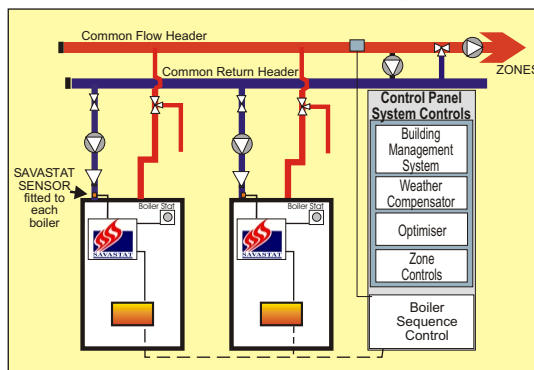
# SAVASTAT Models 500 & 500C SPECIFICATION SHEET

## Application

Savastat may be applied to any low temperature hot water heating boiler burning gas, oil or LPG. It is a load compensation control for retrofit application to reduce energy consumption through existing boilers that are operating under fixed set point control, normally at 180°F or similar.

It measures rate of temperature loss of the return water at the boiler to assess system load and when opportunities arise compensates for reduced loads by dropping the boiler operating temperature by a few degrees. Reductions of only 2°F to 10°F will achieve significant savings in fuel consumption.

Savastat does not interfere with any other control action of the building management system or other stand alone controls. At no time will the building space or hot water service be changed.



Savastat is installed on the return line of the boiler and wired

## Features

- Real-time measurement of load, not history dependent.
- Adjustable control settings to match boiler/system operating parameters.
- Low temperature limit with added time based protection.
- High temperature protection.
- LED status indicators
- Selectable Bypass for boiler / system servicing.
- Optional - Built-in meter for performance measurement.

## Specifications

- Voltage: 24vac or 110vac selectable
- Current: 6 amp
- Ambient : 25° to 95°F
- Sensor: Thermistor external strap-on
- Sensor range: 30 to 195°F
- Power cable: 3 Core double insulated rated at 220°F  
3 mtr. factory fitted. - maybe extended.
- Sensor cable: 2 Core double insulated rated at 190°F  
3.5 mtr. factory fitted. - may be extended to 10 mtr.
- Enclosure: 170mm x 160mm x 90mm
- Weight: 1.150 kg.

## Approvals:

- USA/Canada: UL 2GY1 File No: E236239
- Europe CE96: EN 60730
- EN 50081-1
- EN 50082-1