

WIRELESS ENABLED PROGRAMMER AND THERMOSTATS

SUNDIAL RF² PACK 3

FEATURES

Energy saving †TPI control

Wireless enabled upgrade

Two way wireless communication

Wireless signal strength indicator

ST9420C Wireless Enabled Programmer

Built in Economy or Comfort programmes

LoT[™] display for easy programming

Fits on industry standard backplate

Direct replacement for ST9400 and ST6400 models

DT92E Wireless Thermostat

ECO setback function

Frost protection

Tabletop stand supplied

Battery powered - no wiring

CS92A Wireless Cylinder Thermostat

Set and controlled from programmer

Battery powered - no wiring

OPTIONS

Remote Valve control with wireless relay box (BDR91 supplied separately)

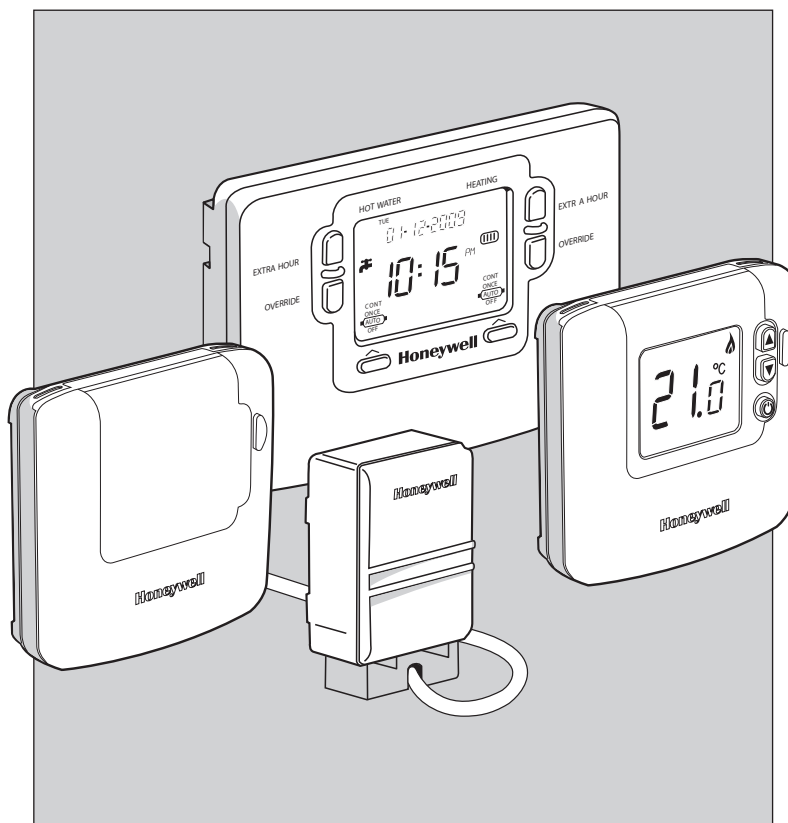
*Optimum Start, **Delayed Start and ***Optimum Stop

'OFF' setting adjustable from 5 to 16°C

Service Interval reminder with variable levels of action

Installer set up mode - controls can be matched to the system and user

Remote Boiler control with wireless relay box (BDR91 supplied separately)



APPLICATION

In a stored hot water heating system which has no room thermostat or cylinder thermostat the existing wiring can be used to provide Boiler Interlock by fitting Sundial RF² Pack 3.

This has a full programmer, with independent heating and hot water and a built in wireless transceiver to enable the wireless room thermostat and cylinder thermostat, maintaining the traditional layout of separate time control and thermostats. It can also be used on new systems.

Because the thermostats and the programmer communicate, energy saving and operating benefits are also enabled:

Programmer override from the thermostat.

Cylinder thermostat controlled from the programmer.

†TPI control: Time Proportional and Integral (TPI) control is a method of calculating the demand from a room thermostat, controlling the boiler so that it fires for shorter periods as the temperature approaches the set point. This can offer savings of up to 10% of energy consumption (in a single cycle steady state test).

*Optimum Start: To save energy, let the controls work out when to come on to suit when you want to be warm. Every day the boiler will start at the latest possible moment depending on the weather.

**Delayed Start: Once you have programmed your earliest start time, the controls will delay the boiler firing time on warmer days, when it is possible to save energy.

***Optimum Stop: Saves energy and money by switching off before the normal programme time whenever possible.

Honeywell

WIRELESS ENABLED CONTROLS

