



# RTS & CombiStat Room Thermostat Range

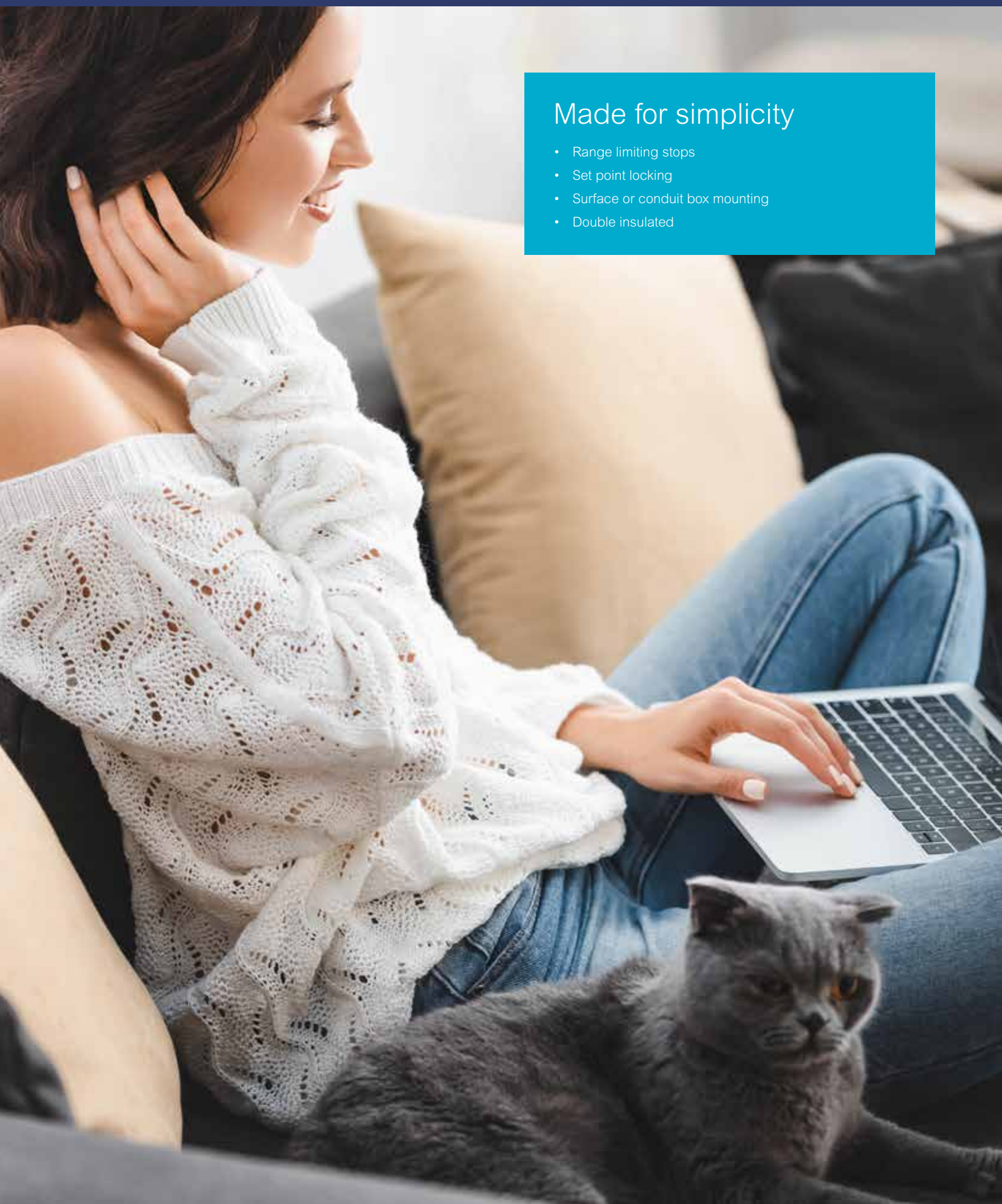
**Drayton**

by **Schneider** Electric

# Room Thermostat Range

## Made for simplicity

- Range limiting stops
- Set point locking
- Surface or conduit box mounting
- Double insulated





## RTS

The RTS range of thermostats utilise electronic sensing to provide accurate temperature control. Six models are available to suit all domestic applications including frost protection and combi boilers.

Product	Part No.
RTS1 SPST contacts	24001
RTS2 SPST with LED indicator	24002
RTS3 SPST frost thermostat	24003
RTS4 SPDT volt free contacts	24004
RTS9 SPDT volt free +LED	24030

### Models

**RTS1:** Standard model  
**RTS2:** With LED 'ON' indicator  
**RTS3:** Frost thermostat

**RTS4:** Volt-free contacts (suitable for combi boilers)  
**RTS9:** Volt-free heating/cooling change over switch with call for heat LED indicator

## Wiring

Fig. 1 **RTS1, RTS2, RTS3**

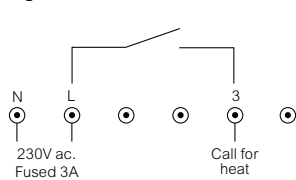
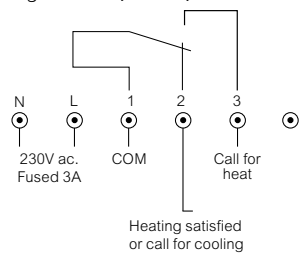


Fig. 2 **RTS4, RTS9, RTS10**



RTS8  
CombiStat

## CombiStat

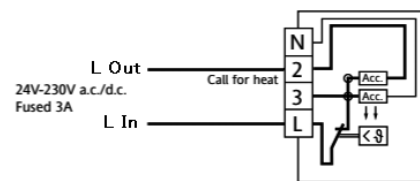
Using a simple, traditional dial, the CombiStat provides accurate temperature control, suitable for all 2 or 3 wire combination / conventional boilers (with current up to 6A). Ideal for 2 or 3 wire retro-fit applications

Product	Part No.
RTS8 CombiStat	24028

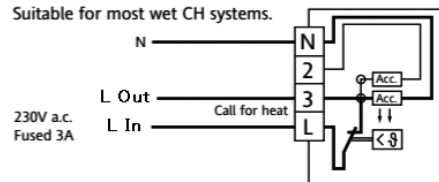
### Models

**RTS8:** CombiStat

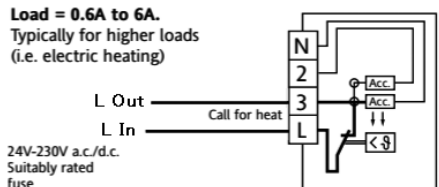
## Wiring



**3 wire connection. Max load = 2A.**  
 Suitable for most wet CH systems.



**2 wire connection. No neutral.**  
**Load = 0.6A to 6A.**  
 Typically for higher loads (i.e. electric heating)

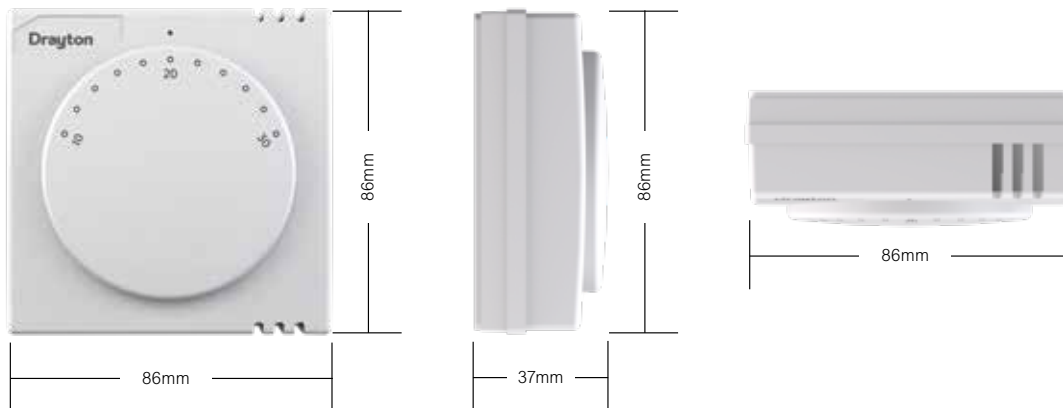


## Getting technical

	RTS	CombiStat
Power supply	230V ac 50Hz fused 3A double insulated (no earth required)	24-230V a.c./d.c. 50Hz fused 3A double insulated (no earth required)
Switch rating	2(1)A 230V a.c.	6(2)A 230V a.c./d.c.
Switch type	RTS1, 2 & 3: S.P.S.T RTS4, 9 & 10: S.P.D.T. Volt-free	S.P.S.T
Wiring	Designed for fixed wiring only, to comply with current IET wiring regulations (BS7671).	
Mounting	Suitable for surface or conduit box mounting	
Ambient temperature	Operating 0°C to 40°C / Storage -20°C to 55°C	
Ambient humidity (non condensing)	Operating 25% to 90% / Storage 15% - 95%	
Temperature range	RTS1, 2, 4 & 9: 10 to 30°C RTS1, 2, 4, 9 & 10: 14 to 30°C RTS3: 3 to 10°C	10 to 30°C
Control accuracy	<0.6°C at 4°/hour 1°C typical	1°C typical
Ball pressure test	75°C	
Pollution degree	2	
Energy class	I = 1% (Acc. EU 811/2013, 812/2013, 813/2013, 814/2013)	
Relevant directives	2014/35/EU Low Voltage Directive; 2014/30/EU Electromagnetic Compatibility Directive; 2011/65/EU (and all amendments) RoHS Directive	
Applied standards	EN60730-1; EN60730-2-9	

## How we measure up

### RTS & CombiStat



[draytoncontrols.co.uk](http://draytoncontrols.co.uk)

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### D12-15

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