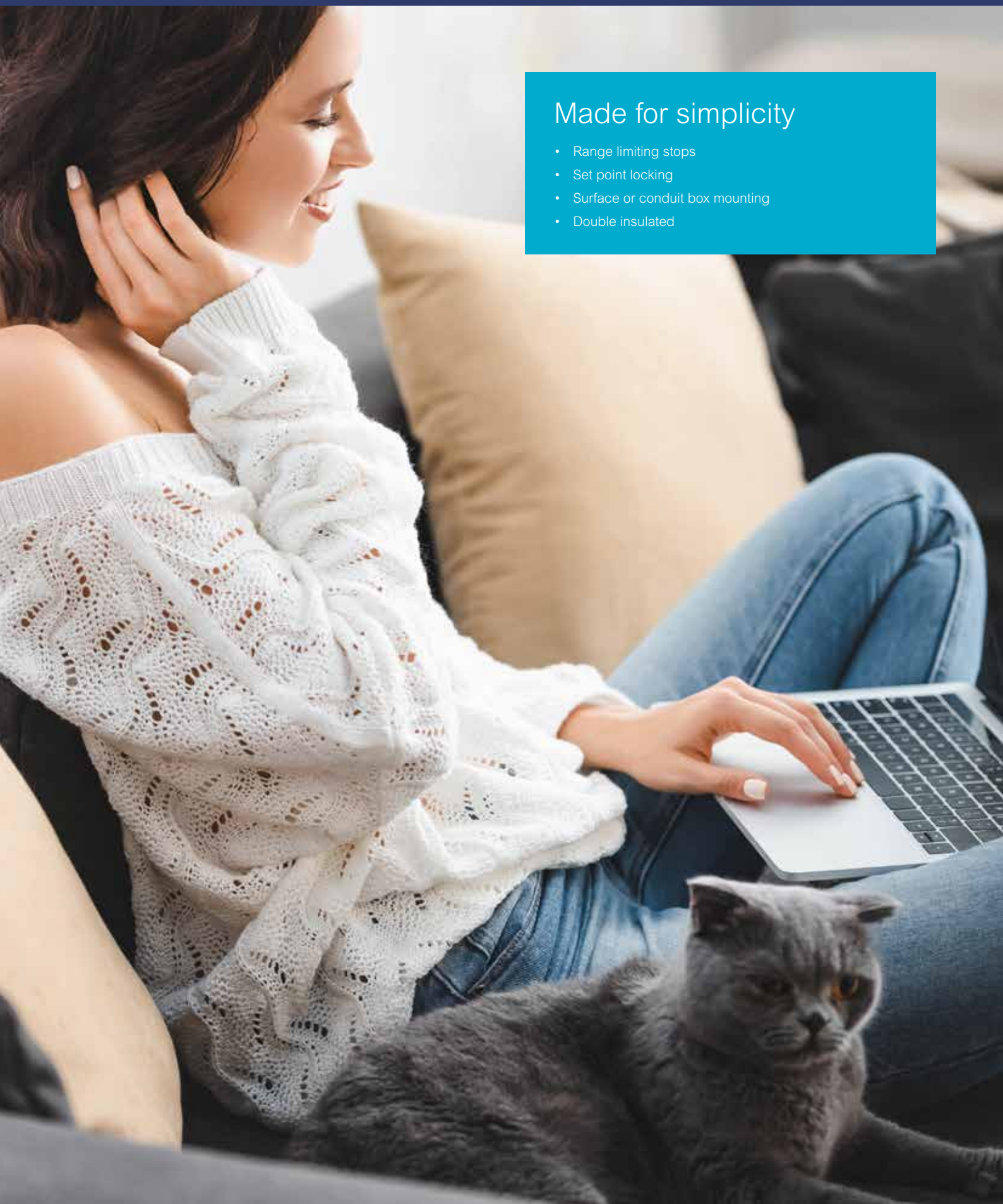


# RTS & CombiStat
# Room Thermostat Range

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**

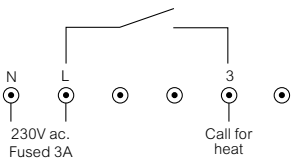
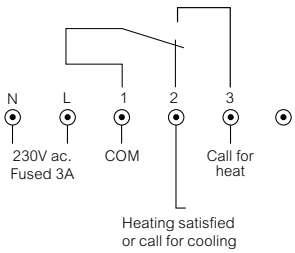



Fig. 2 **RTS4, RTS9, RTS10**







## CombiStat

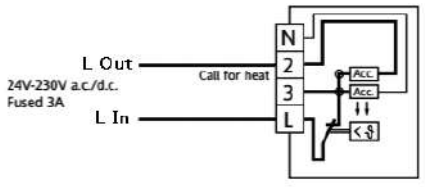
Using a simple, traditional dial, the CombiStat provides accurate temperature control, suitable for all 2 or 3 wire combination / conventional boilers (with current up to 6A). Ideal for 2 or 3 wire retro-fit applications

| Product | Part No. |
|---|---|
| RTS8 CombiStat | 24028 |

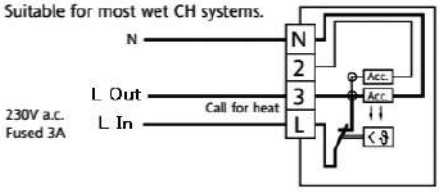
### Models

**RTS8:** Combistat

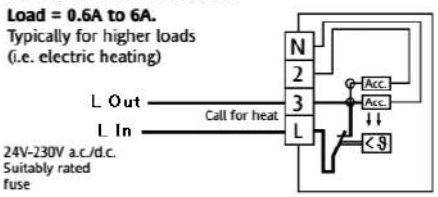
## Wiring




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)

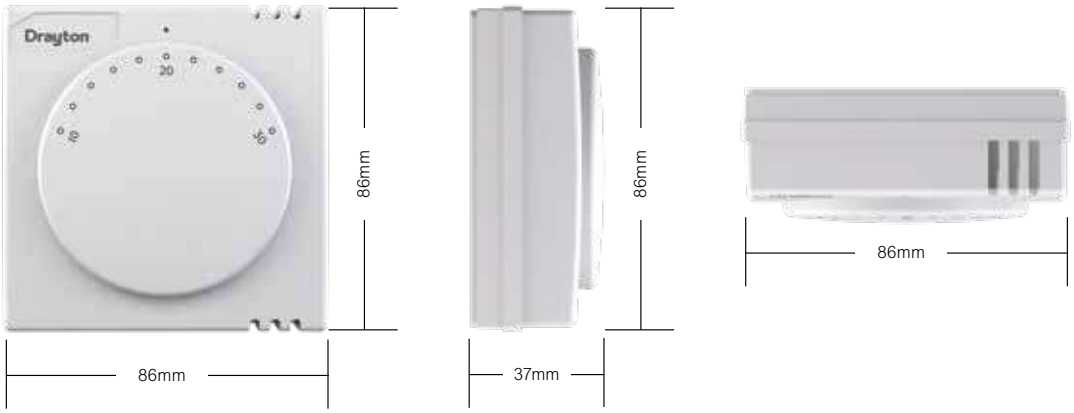


# Getting technical

| | 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<br>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 0ºC to 40ºC / Storage –20ºC to 55ºC | |
| Ambient humidity (non condensing) | Operating 25% to 90% / Storage 15% - 95% | |
| Temperature range | RTS1, 2 , 4 & 9: 10 to 30ºC<br>RTS1, 2 , 4, 9 & 10: 14 to 30ºC<br>RTS3: 3 to 10ºC | 10 to 30ºC |
| Control accuracy | <0.6ºC at 4º/hour<br>1ºC typical | 1ºC typical |
| Ball pressure test | 75ºC | |
| 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






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