

# SYSTEMS WITHIN YOUR HOME

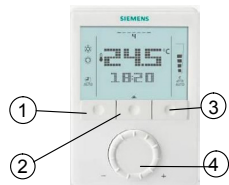
## HEATING & COOLING

Each apartment consists of a central plant and a number of individual control zones. The user controls are in the form of a touch Room Unit (RU), which have been provided within each bedroom and Living Room to allow local information and adjustment for the associated zone.

## FAN COIL UNIT

Room unit displays the actual room temperature and provides user with a facility to adjust setpoint and fan coil unit (FCU) fan speed. It also enables the user to disable cooling in the room.

## FCU THERMOSTAT - SIEMENS - RDG160T

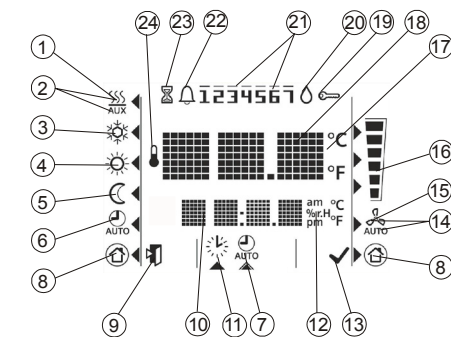


1. Operating mode button/Esc.
2. Button to enter the time and to set the timers.
3. Fan mode button/OK.
4. Rotary knob for setpoint and parameter adjustment.

When the thermostat is in normal operation, the actual operating mode and status are indicated by symbols. When a button is

pressed, the thermostat goes into mode selection. The backlit LCD will turn on, all possible mode selection options will turn on, indicator element (arrow) will appear on the current mode/status.

When the button is pressed again, the indicator element will change to the next mode symbol and so on. After the last press and a timeout of 3 seconds, the newly selected mode is confirmed, the other elements will disappear. After a timeout of 20 seconds, the LCD backlight will turn off.



- ① Heating mode
- ② Electric heater active
- ③ Cooling mode
- ④ Comfort mode
- ⑤ Economy mode
- ⑥ Auto timer mode/View and set auto timer program
- ⑦ Protection
- ⑧ Escape
- ⑨ Digits for time of day, room temperature, setpoint, etc.
- ⑩ Setting the time of day and the weekday
- ⑪ am Morning 12-hour format
- ⑫ pm Afternoon - 12-hour format
- ⑬ Confirmation of parameters
- ⑭ Automatic fan
- ⑮ Manual fan
- ⑯ Fan speed
- ⑰ Fan speed 1
- ⑱ Fan speed 2
- ⑲ Fan speed 3
- ⑳ Degrees Celsius
- ㉑ Degrees Fahrenheit
- ㉒ Digits for room temperature and setpoint display
- ㉓ Button lock
- ㉔ Condensation in room
- ㉕ Weekday
- ㉖ Fault
- ㉗ Temporary timer function (visible when operating mode is temporarily extended due to extended presence or absence)
- ㉘ Indicates that room temperature is displayed

## APARTMENT MECHANICAL VENTILATION WITH HEAT RECOVERY

All apartments have been provided with a continuous mechanical ventilation system with heat recovery (MVHR). The extract serves all kitchens, bathrooms, shower rooms, WCs and utility cupboards.

The MVHR unit includes an integral humidity sensor to enable the boost, the boost mode will also be activated under the dictates of the bathroom light switch. Additionally, a wall mounted boost activation switch has been located in each kitchen such that the high speed/boost setting can be manually selected.

The MVHR unit will run continuously at the low rate and will switch to high rate as dictated by the humidity sensor and/or boost switch and/or bathroom light switch.

## MAINTENANCE

An annual check of the MVHR grilles will need to be carried out by a qualified professional to ensure that the system warranty is not voided.

Nuaire (recommended service provider).  
 W: [www.nuaire.co.uk/home](http://www.nuaire.co.uk/home)  
 T: 029 2085 8400  
 E: [info@nuaire.co.uk](mailto:info@nuaire.co.uk)