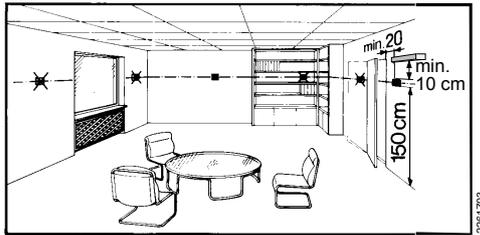


3.6 Room unit QAA55...

Planning



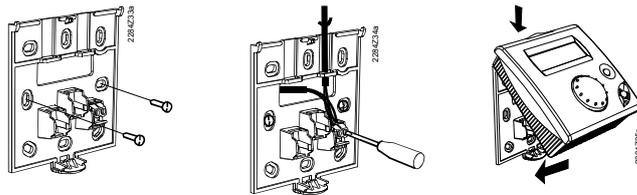
The room unit should be located in the main living room while giving consideration to the following criteria:

- The place of installation should be chosen so that the sensor can capture the room temperature as accurately as possible without getting adversely affected by direct solar radiation or other heat or refrigeration sources (about 1.5 meters above the floor)
- In the case of wall mounting, there must be sufficient clearance above the unit, enabling it to be fitted and removed



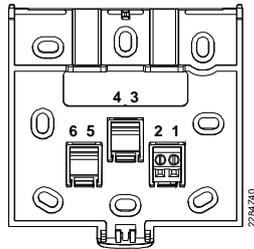
When the unit is removed from its base, power is cut off so that the unit is out of operation.

Mounting



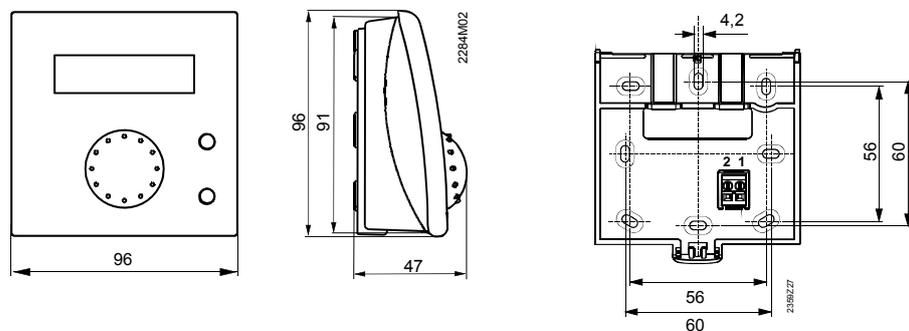
- The controller must not be exposed to dripping water

Connections



1	CL+	BSB data
2	CL-	BSB ground

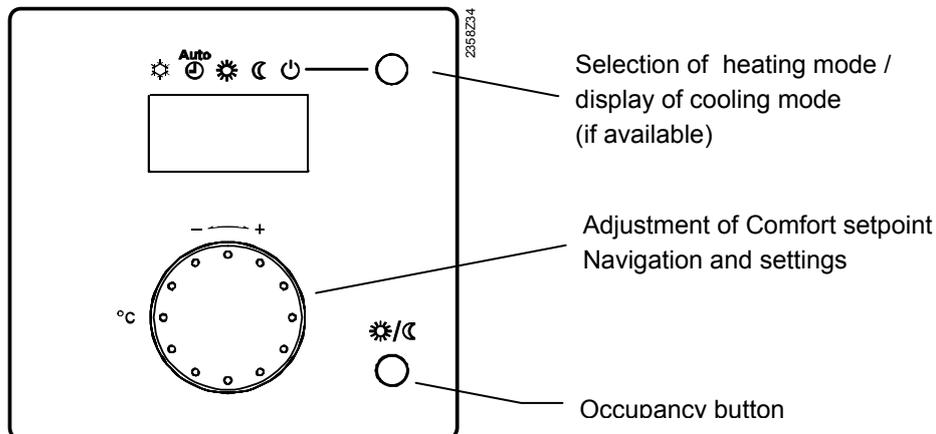
Dimensions and drilling plan



5.2 QAA55...

5.2.1 Operation

Operating elements



Display choices

-  Heating / cooling to the Comfort setpoint
-  Heating to the Reduced setpoint
-  Error messages

Display

Display of all segments.

Display of all segments.



Example of basic display:



Selection of space heating mode

This button is used to switch between the different operating modes. The selection made is indicated by a bar which appears below the respective symbol.



Automatic mode

In automatic mode, the room temperature is controlled in accordance with the time program.

Characteristics of automatic mode:

- Heating mode according to the time program
- Temperature setpoints according to heating program "Comfort setpoint"  or "Reduced setpoint" 
- Protective functions active
- Automatic summer / winter changeover and automatic 24-hour heating limit active (ECO functions)

Continuous operation or

Continuous operation maintains the room temperature at the selected operating level.

-  Heating to the Comfort setpoint
-  Heating to the Reduced setpoint

Characteristics of continuous operation:

- Heating with no time program
- Protective functions active
- Automatic summer / winter changeover (ECO functions) and automatic 24-hour heating limit inactive in the case of continuous operation with Comfort setpoint

Protection

When using Protection, the heating system is off. But it remains protected against frost (frost protection temperature) provided there is no power failure.

Characteristics of Protection:

- Heating off
- Temperature according to frost protection
- Protective functions active
- Automatic summer / winter changeover (ECO functions) and automatic 24-hour heating limit active

Indication of cooling mode (if available)

Cooling mode

Release of cooling mode is indicated by a bar which appears below the symbol. Cooling mode is active when the bar for heating mode is hidden.



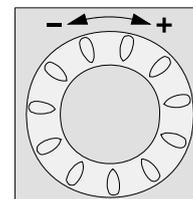
Characteristics of cooling mode:

- Cooling mode in accordance with the time program
- Temperature setpoint in accordance with "Comfort setpoint cooling"
- Protective functions active
- Cooling limit depending on the outside temperature

Adjusting the room temperature setpoint

The heating or cooling setpoint is set depending on the active operating state.

Turn the setting knob to increase or decrease the Comfort setpoint .



Occupancy button

After each readjustment, wait at least 2 hours, allowing the room temperature to adapt.

If you do not use the rooms for short periods of time, you can press the presence button to temporarily reduce heating / cooling.

When the rooms are occupied again, press again the occupancy button.



- The occupancy button is only active in automatic operation
- The current selection is active until the next switching action according to the heating program takes place

5.2.2 Programming

Configuration

A long press on the occupancy button (>3 seconds) enables the service level to be accessed. When the parameter is selected, the current value blinks. The setting knob is used to adjust the value. The next setting can be selected by a short press on the occupancy button.

Settings

Used as

Direct adjustment

Operation lock

<i>Display</i>	<i>Function</i>
ru = 1	The room unit is addressed as room unit 1 (default setting)
ru = 2	The room unit is addressed as room unit 2
ru = 3	The room unit is addressed as room unit 3
P1 = 1	Automatic storage: (default setting) A setpoint readjustment made with the knob is adopted either by pressing the operating mode button or without any further confirmation (timeout).
P1 = 2	Storage with confirmation: A setpoint readjustment made with the knob is adopted only after pressing the operating mode button.
P2 = 0	OFF: All operating elements are enabled (default setting)
P2 = 1	ON: The following operating elements are locked: <ul style="list-style-type: none">•Operating mode changeover heating circuit•Readjustment of Comfort setpoint•Changeover of operating level (occupancy button)

If operation lock is active and one of the locked buttons is pressed, OFF is displayed for 3 seconds.

The operation lock does not prevent the service level from being accessed.