



IRA210

## Infrared Remote Control

## IRA210...

for fan coil unit thermostat with infrared receiver

### Use

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For remote control of fan coil unit room temperature control.

Suitable for use with the following types of room controls:

- RDF110.../IR
- RDF210.../IR
- RDF310.21
- RDF410.21

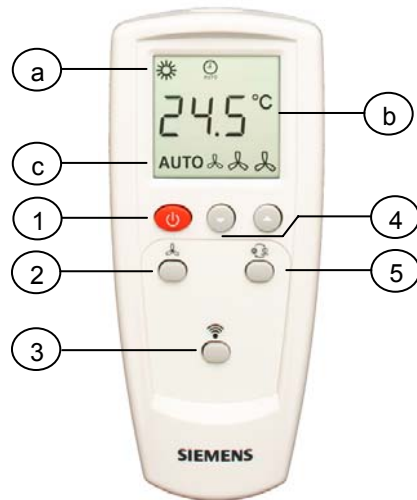
### Functions

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- Selection of operating mode: Standby, Normal operation or Auto Timer
- Adjustment of setpoint in Normal operation
- Selection of fan mode: Automatic or manual fan speed
- Room temperature setpoint either in °C or °F (selectable)

## Remote control




The IRA210 is an infrared remote control for fan coil room controls with integrated infrared receiver. Communication between remote control and room control is unidirectional. The digital display shows the actual setting. Any changes made directly on the room control unit will not be synchronized with the remote control.



Setting elements:

- 1 Standby button:  
Switching on the fan coil unit or setting to standby.
- 2 Fan operation button:  
Selection of fan mode: Automatic or manual fan speed (low, medium, high).
- 3 Resend button:  
Resending the actual remote control setting.
- 4 Setpoint buttons:  
Adjustment of setpoint in Normal operation.
- 5 Operating mode button:  
Selection of operating mode: Normal operation ☀ or Auto Timer . This function is only applicable on room controls with time program.




Display:

- a.) Operating mode:  
 Auto Timer mode  
 Normal operation
- b.) Room temperature setpoint: Can be displayed in °C or °F (refer to "Commissioning")
- c.) Fan status:  
**AUTO** Auto fan active  
 Fan speed (low, medium, high)

## Commissioning

### Change from °C to °F

The unit of the room temperature setpoint can be changed from °C to °F, or vice versa, as follows:



1. Press buttons  and  simultaneously for 3 seconds.
2. Release them and, within 2 seconds, press button  2 times.

Then, the unit of temperature will toggle and remain until it is changed back, or until batteries are exchanged. The factory setting of the setpoint unit is °C.

## Type summary

Type reference	Features
<b>IRA210</b>	Infrared remote control; button marking with symbols
<b>IRA210/CN</b>	Infrared remote control; button marking with Chinese characters (only available in Asia-Pacific)

## Technical data

Power supply	Batteries	2 x 1.5 V; AAA-size
	Battery life	1 year
	Operating distance (Infrared transceiver)	
	Transmission distance	≤ 7.5 m
Operational data Environmental conditions	Orientation angle	≤ ± 30 °
	Operation	to IEC 721-3-3
	Climatic conditions	class 3K5
	Temperature	0...+50 °C
	Humidity	<95 % r.h.
	Transport	to IEC 721-3-2
	Climatic conditions	class 2K3
	Temperature	-25...+60 °C
	Humidity	<95 % r.h.
	Mechanical conditions	class 2M2
	Storage	to IEC 721-3-1
	Climatic conditions	class 1K3
Temperature	-25...+60 °C	
Humidity	<95 % r.h.	
Norms and standards	 conformity to EMC directive	89/336/EEC
	Low-voltage directive	73/23/EEC
	 <b>C-Tick</b> conformity to EMC emission standard	AS/NSZ 4251.1:1994
	Product standards	
	Automatic electrical controls for household and similar use	EN 60 730 – 1
	Electromagnetic compatibility	
	Emissions	IEC/EN 61 000-6-3
	Immunity	IEC/EN 61 000-6-1
	Safety class	SELV (safety extra low-voltage)
	Degree of protection of housing	IP 30 to EN 60 529
General	Weight	0.082 kg
	Color of housing front	white, NCS S 0502-G (RAL 9003)

## Dimensions

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