



EBH 512

### Features

- Thermistor sensing element
- Fan speed switch
  - 3 speed (HIGH-MED-LOW)
- 3 different models
  - EBE 512 on/off (cool only), 2-pipe system
  - EBH 512 heat-off-cool, 2-pipe system
  - EBH 514 heat-off-cool, 4-pipe system
- Setting range +10 to +40°C
- Display
- Electric rating 220 Vac

### Description

The EB electronic room thermostat are used in commercial, industrial or civil buildings for heating, cooling or air-conditioning control.

The heavy-duty slide-switches provide Heat-Off-Cool (EBH 512 and EBH 514) and On/Off (EBE 512) system switching as well as High-Med-Low fan speed selection.

### Technical data

<b>Speed switch</b>	High-Med-Low
<b>Range</b>	+10 to +40°C
<b>Precision</b>	<1°C at 25°C
<b>Sensing element</b>	Thermistor
<b>Material</b>	White ABS engineering plastics
<b>Electric rating</b>	220 Vac, 3A, 50Hz/60Hz
<b>Approval</b>	EN60730, 89/336/EEC, 73/23/EEC and 93/68/EEC
<b>Shipping weight</b>	0.21 kg
<b>Dimensions</b>	127 x 86 x 30 mm
<b>Storage ambient</b>	-25°C to +40°C, <90% r.H.

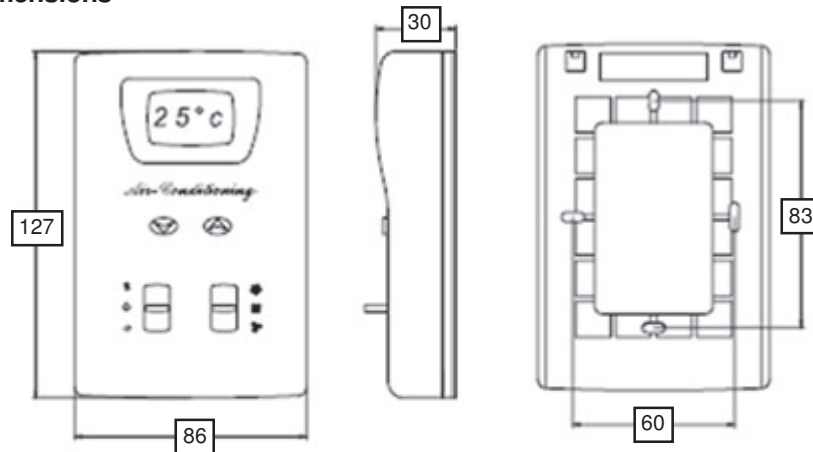
### Ordering

Type no.	Description
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#### Electronic room thermostat with display

<b>EBE 512</b>	on/off (cool only), 2-pipe system
<b>EBH 512</b>	heat-off-cool, 2-pipe system
<b>EBH 514</b>	heat-off-cool, 4-pipe system

## Dimensions



Note: Mode switch

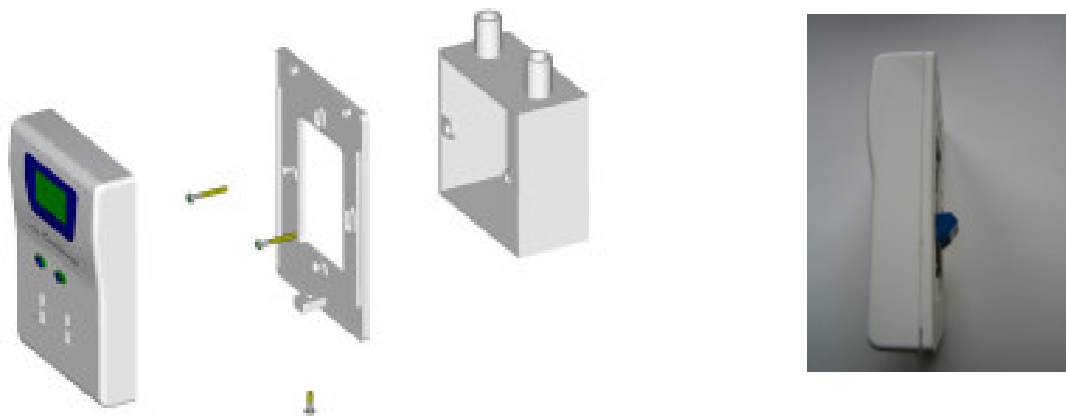
❄ — COOL  
 ○ — OFF  
 ☀ — HEAT

Speed switch

⚙ — HIGH  
 ⚙ — MED  
 ⚙ — LOW

Note:  
 for EBE 512 model,  
 mode switch will be  
 On/Off, cool only.

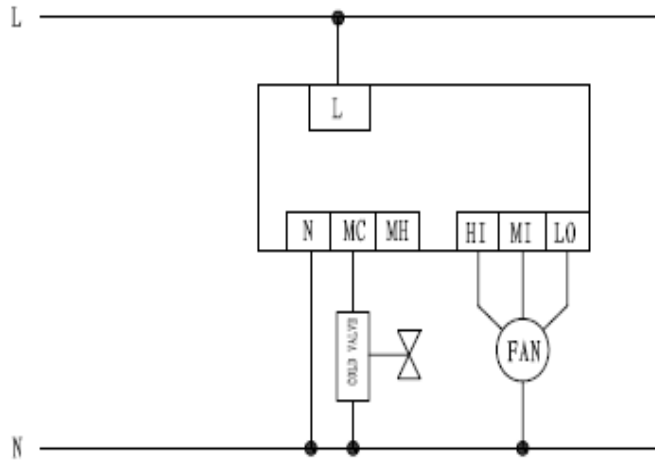
## Mounting



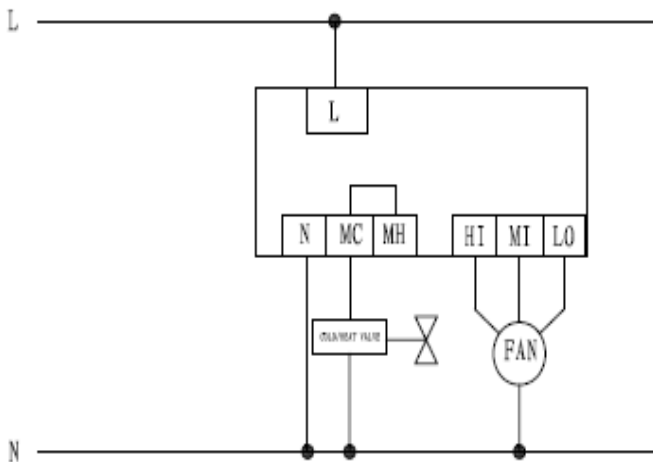
EB electronic room thermostat can mounted into a built-in standard junction box with a dimension of 75×75×35 mm or 55×105×48 mm

- The thermostat have terminal connection on the back-side (see the picture)
- Please read this instruction before installation.
- The power should be disconnected before installation.
- Wiring should abide by wiring diagram.
- Keep the thermostat parallel with wall.

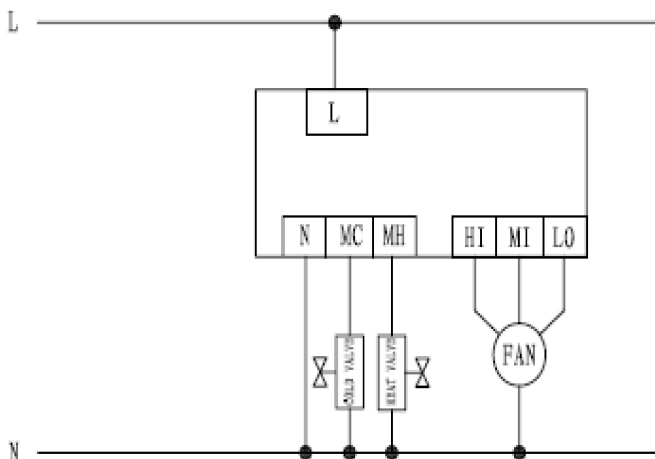
**Wiring**



**EBE 512**  
cool / 2-pipe system



**EBH 512**  
cool / heat / 2-pipe system (manual switch)



**EBH 514**  
cool / heat / 4-pipe system

We reserve the right to make changes in our products without any notice which may effect the accuracy of the information contained in this leaflet.