



Mechanical room thermostat
IB – Therm 201
for ventilation support, recuperators
or two-pipes fan coils

Contents

Products is  marked

and has been produced in accordance with ISO 9001 standard

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IB-THERM 201

General Information _____	4
Features _____	4
Principle of Operation _____	4
Technical Data _____	4
Scope of Delivery _____	4
Structure _____	5
Connection _____	6
Warranty _____	6

GENERAL INFORMATION

IB-Therm 201 room thermostat is designed to control work of valves, air dampers and heaters, fan coils and other heating appliances.

IB-Therm 201 thermostat allows to control process of heating, cooling and ventilation comfortably in the each type of buildings. It allows to save energy costs, contributing to protect our environment.

FEATURES

- ☞ Esthetic and traditional design
- ☞ Easy and intuitive operating
- ☞ Mechanical structure (it don't require any voltage to operate)
- ☞ Available modes:
 - » heating
 - » cooling
- ☞ Function of speed control ventilation:
 - » slow
 - » medium
 - » fast
- ☞ Switch: on/off
- ☞ Ability to precise room temperature setting, according to needs.
- ☞ Dedicated for two-pipes fan coils
- ☞ Standard mounting dimensions
- ☞ Surface mounting

PRINCIPLE OF OPERATION

Thermostat measures the temperature by built-in sensor. The knob is used to set the desired temperature (switching threshold).

In the heating mode output device is turned on when the real temperature is lower than the desired temperature.

In the cooling mode output device is turned on when the real temperature is higher than the desired temperature.

Ventilation speed switch allows to set ventilation's efficiency (fan coil gear, fan gear)

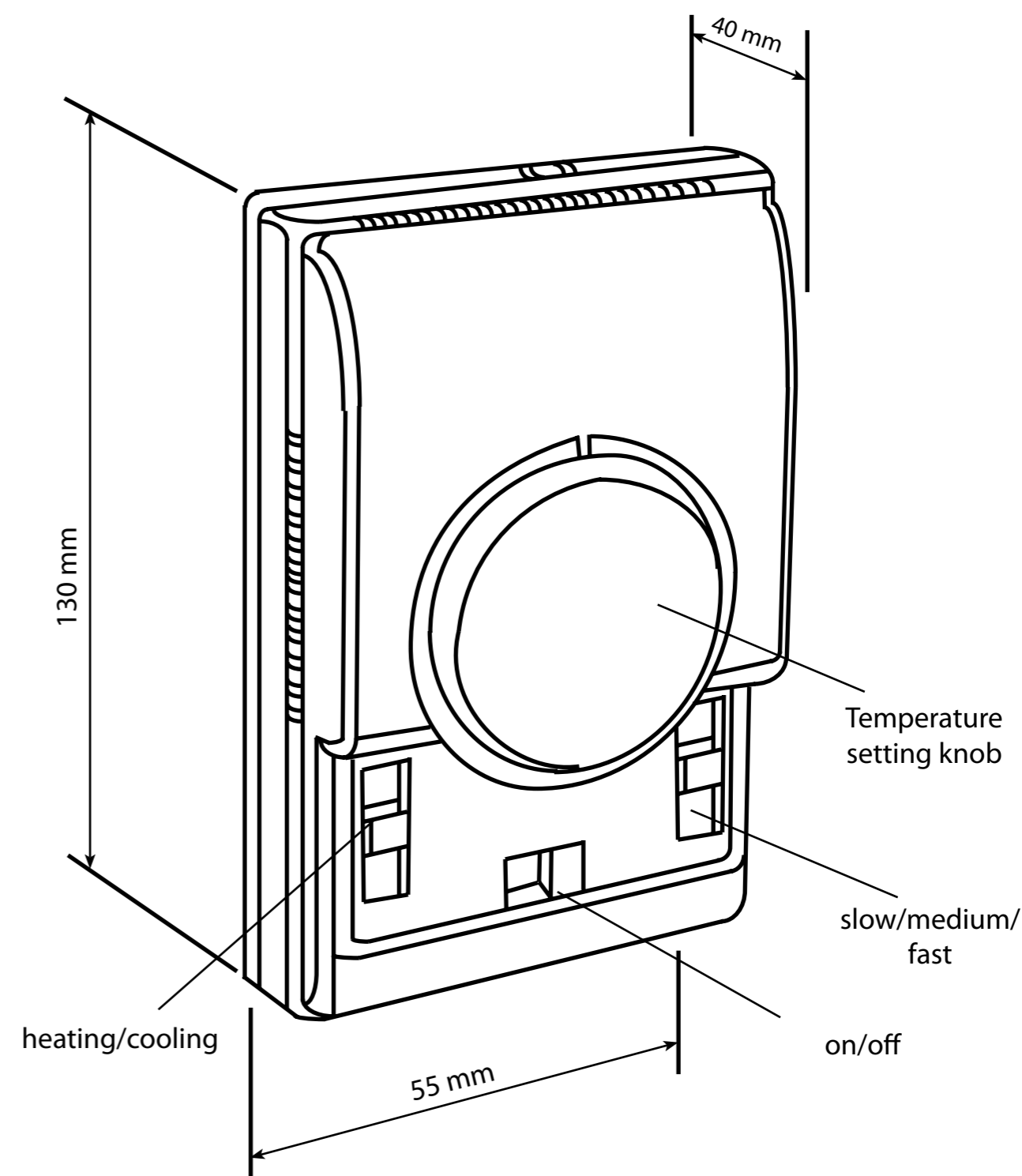
TECHNICAL DATA

- ☞ Setting range: 10 ÷ 30 °C
- ☞ Hysteresis: 2 °C
- ☞ Accuracy: 2 °C
- ☞ Maximum load: 400 W
- ☞ Casing: ABS
- ☞ Protection rating: IP20
- ☞ Storage temperature: -20 ÷ 60 °C
- ☞ Operating temperature: 0 ÷ 60 °C
- ☞ Control: mechanical

SCOPE OF DELIVERY








- ☞ 1x **IB-Therm 201** thermostat
- ☞ 1x Operating manual


STRUCTURE













CONNECTION








-  **1** - output of the process of heating/cooling. This output is shorted to common output for main process (**3**) if process of heating/cooling has to be realized.
-  **2** - output of non-implementation of the heating/cooling process. This output is shorted to common output for main process (**3**) if process of heating/cooling doesn't have to be realized.
-  **3** - common output for support the main process
-  **4** - common output for support ventilation speed
-  **5** - output of gear 1. This output is shorted to the common output of ventilation support (**4**) if thermostat wants to turn on the first gear.
-  **6** - output of gear 2. This output is shorted to the common output of ventilation support (**4**) if thermostat wants to turn on the second gear.
-  **7** - output of gear 3. This output is shorted to the common output of ventilation support (**4**) if thermostat wants to turn on the third gear.

 Changing between heating and cooling modes only inverts the logical process. Outputs to connect the output device are the same. Independent outputs for heating and cooling are in IB-Therm 203S thermostat for four-pipes fan coils.

WARRANTY

-  Warranty is granted on 24 months from the date of purchase of goods.
-  Any defect disclosed during the warranty period will be removed within 21 working days, from the date of adoption of goods for service.
-  In case of necessity of import goods or components from abroad, repair time is extended by the time needed to bring them.
-  Customer provides product to service at his own cost. If the product is shipped at the expense of the service, it won't be received.
-  At time repair service has no obligation to provide substitute product.
-  Warranty repair will be made upon presentation of properly and legibly filled your warranty card, signed by guarantor and with sales document.
-  Warranty covers only defects arising from causes inherent in goods. Damage resulting from external causes such as: mechanical damage, pollution, flooding, weather, improper installation or improper wiring and operations. Warranty does not apply in case unauthorized repair by customer, changes in software (firmware) and device formatting.
-  Due to the natural consumption of consumables, some of them are not covered by warranty (for example: cables, battery, loader, micro contacts, buttons).
-  In the event of unjustified claim for warranty repair, all additional cost are on customer's side.
-  Service has right to refuse to perform warranty repairs for following: differences between documents and goods marks, make repairs on their own by customer, changes in product construc-

WARRANTY

-  tion without authorization.
-  Warranty repair refusal is equivalent to loss your warranty.
-  If it is not possible to test product before its purchase (distance selling), it is possible to return goods within 10 days. Returned goods cannot bear signs of exploitation, it must contain all elements with which it was delivered.
-  In the case of return of purchased goods all shipping costs are on buyer side. For shipment please enclose purchase document and give precise details of the buyer with account number on which will be refunded an amount equal to the value of the returned goods, no later than 21 days from the date of delivery of the goods. This amount is reduced by shipping costs if these costs were incurred by the seller. Delivery of copy of document correction is necessary to a refund. Before return of goods please contact with seller.
-  Warranty terms may be changed by local InsBud company partner.

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