

ATAG Cube

USER MANUAL



safety regulations

SYMBOL LEGEND:

⚠ Failure to comply with this warning may result in personal injury or even death.

⚠ Failure to comply with this warning may result in serious damage to property, plants or animals.

Do not perform operations that involve removing the appliance from its installation location.

⚠ Damage to the device.

Do not climb onto chairs, stools, ladders or unstable supports to clean the device.

⚠⚠ Personal injury caused by falling from a height or shearing (stepladders shutting accidentally).

Do not use any insecticides, solvents or aggressive detergents to clean the appliance.

⚠ Damage to plastic or painted parts.

Do not use the appliance for any purpose other than normal domestic use.

⚠ Damage to the device caused by operation overload.

⚠ Damage to objects caused by improper use.

Do not allow children or inexperienced people to operate the appliance.

⚠ Damage to the appliance caused by improper use.

ATTENTION!

The appliance can be used by children older than 8 years and by people with reduced physical, sensory or mental abilities, or who lack adequate experience and the necessary knowledge, provided they are supervised or have been instructed on the safe use of the appliance and on the potential risks connected with it.

Children must not play with the appliance. Any cleaning and maintenance performed by the user must not be effected by unsupervised children.

**PRODUCT CONFORMING TO EU
DIRECTIVE 2012/19/EU**



The barred wheeled bin symbol appearing on the appliance or on its packaging indicates that the product must be collected separately from other waste at the end of its useful life.

The user must therefore deliver the decommissioned product to an appropriate local facility for separate collection of electro-technical and electronic waste.

Alternatively, the appliance to be scrapped can be delivered to the dealer when purchasing a new equivalent appliance.

Electronic products for disposal measuring less than 25 cm can also be delivered free of charge to electronic equipment dealers having a surface area of at least 400 m², without having to purchase other products. Proper separated collection of the decommissioned appliance for its subsequent recycling, treatment and eco-compatible disposal helps to prevent negative effects on the environment and human health, besides encouraging reuse and/or recycling of its constituent materials.

technical features

Technical data	
Power supply	BUS 8 to 24V $\overline{=}$ max / Limited Power Source complies
Electrical uptake	6 mA
Operating temperature	0 to 40°C
Storage temperature	-10 to 70°C
Dimensions	93 x 88 x 24 mm
Bus wire length and cross-sectional area NOTE: IN ORDER TO AVOID INTERFERENCE PROBLEMS, USE A SHIELDED CABLE OR TWISTED PAIR CABLE.	max. 50 m - min. 0,6 mm ²
Insulation class	III
Protection rating	IP30 (when installed as specified)
Temperature sensor	±1%

Product Technical Sheet	
Supplier name	ATAG
Manufacturer's model ID	Cube
Temperature control class	V
Energy efficiency contribution (%) for space heating	+3%
If an Atag external sensor is added:	
Temperature control class	VI
Energy efficiency contribution (%) for space heating	+4%
In a system with 3 zones with 1 ATAG Oz and 1 ATAG Cube:	
Temperature control class	VIII
Energy efficiency contribution (%) for space heating	+5%

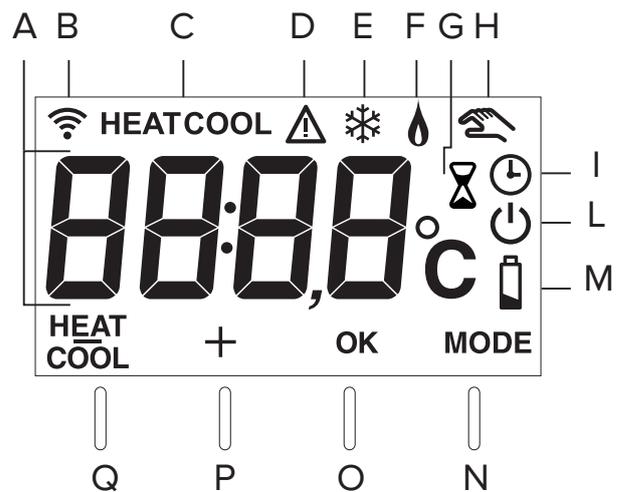
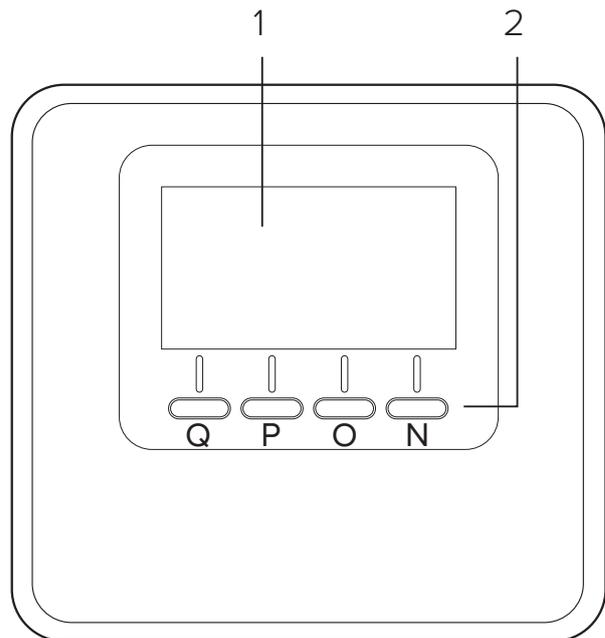
technical features

Room controller:

1. display
2. keys

Display:

- A. Detected room temperature
 - B. WiFi device detected on bus
 - C. Heating/cooling mode indication
 - D. Fault
 - E. Cooling/anti-freeze mode in controlled zone
 - F. Heat request
 - G. Timer-based modification of room temperature set-point in the schedule programming (when enabled)
 - H. Manual mode active
 - I. Programmed mode active (heating/cooling as scheduled on a device capable of setting schedule)
 - L. Controlled zone OFF
 - M. Battery low charge
- N. Mode key (“**MODE**”)
 - O. Confirm key (**OK**)
 - P. Increase temperature setting key (+)
 - Q. Decrease temperature setting key (-)
Set mode to heating (HEAT) or cooling (COOL).



operating mode

The system's operating mode can be set to heating or cooling when the device is connected to a product which supports both modes (such as a heat pump).

Press the "MODE" key (Fig. 1) to display: "  ".

Press "MODE" again (Fig. 2) for 5 seconds.

HEAT
COOL " will display next to the key. Now press the key to select the mode (Fig. 3)

The display will show:

- **"HEAT" heating**
- **"COOL" cooling.**

Press the OK button to confirm the selection.

NOTE:

The heating/cooling mode selection applies to the entire system.

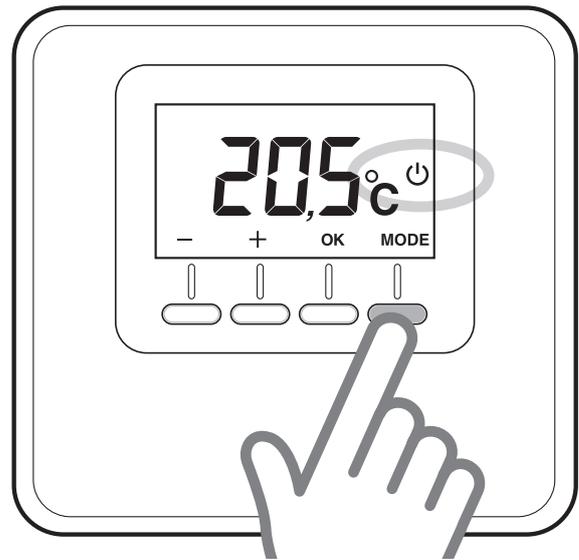


Fig. 1

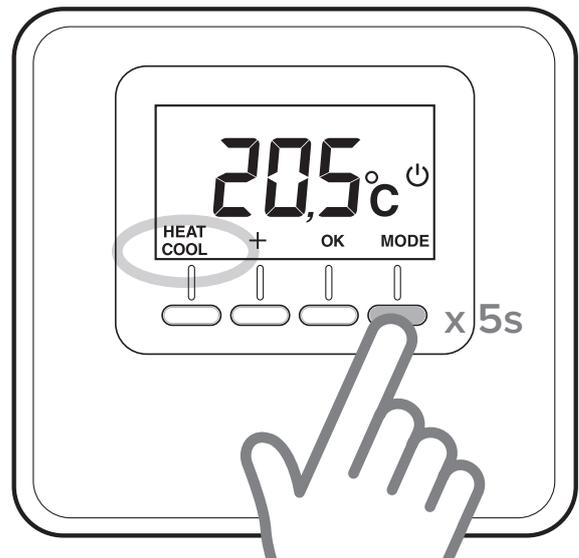


Fig. 2

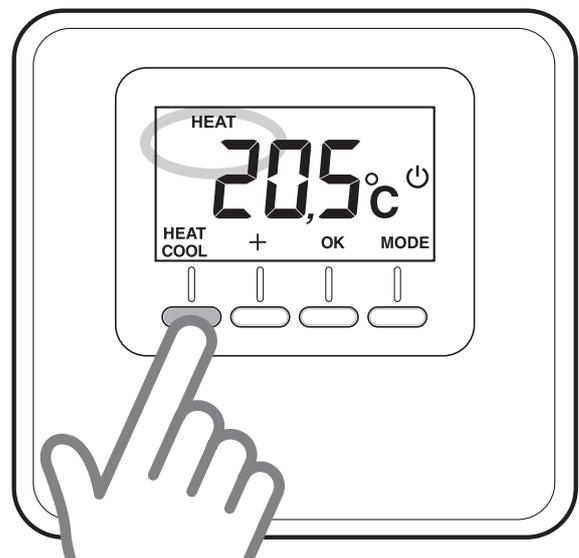


Fig. 3

manual operation

Manual operation heats or cools the zone in which the thermostat is installed, and maintains the manual temperature setting throughout the day (time scheduling is disabled).

Press the "MODE" button until the display shows "  " (Fig. 4).

Modifying the room temperature

In manual mode, the set-point temperature (default value 20°C) can be modified. Press the temperature adjustment keys "+" and "-" to set the room temperature (Fig. 5). Press "OK" to confirm.

The set value will flash on the display for a few seconds, after which the display will once again show the detected room temperature.

Disabling heating/cooling

You can disable heating/cooling in the zone in which the thermostat is installed. Press the "MODE" button until the display shows: "  ".

When heating is off, the anti-freeze function is enabled.

Anti-freeze function

When the anti-freeze function is enabled, the display shows: "  ".

In this mode, central heating will only activate if the room temperature falls below 5°C, to protect the pipes against freezing up.

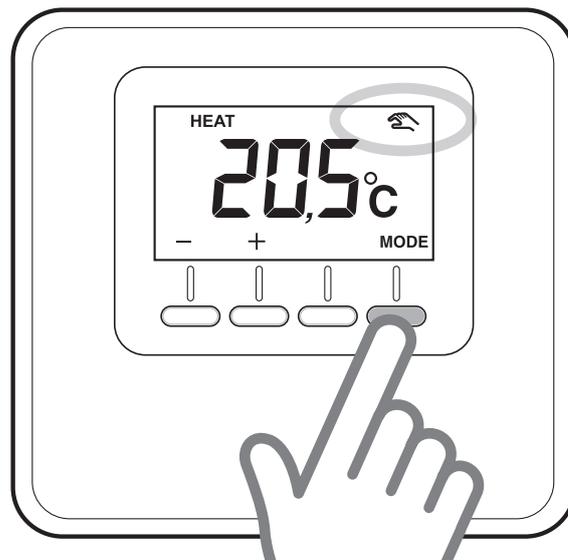


Fig. 4

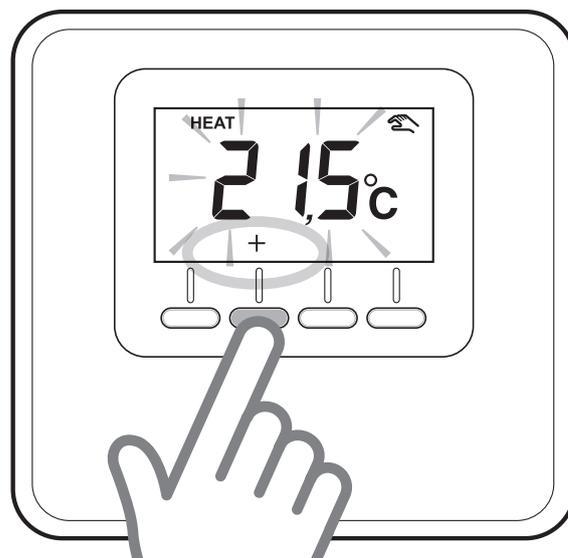


Fig. 5

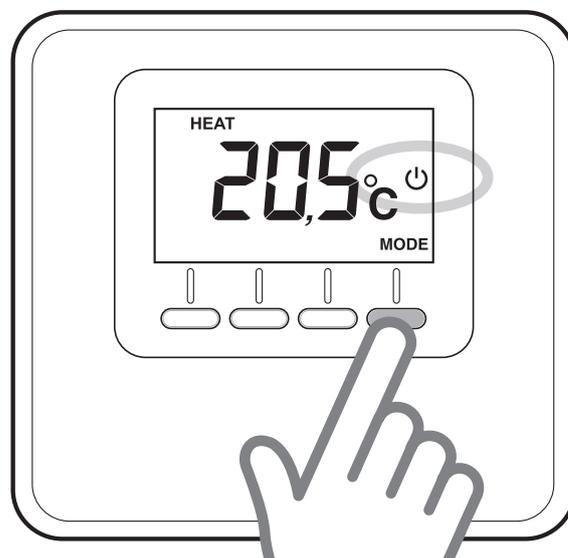


Fig. 6

programmed operation

Programmed operation is controlled by the heating/cooling schedule set on a device capable of setting schedules.

Press the "MODE" button until the display shows "🕒" (Fig. 7).

Timed adjustment room temperature

In programmed mode, you can temporarily modify the set-point temperature set on a device capable of setting schedule. Press the temperature adjustment keys "+" and "-" to set the room temperature (Fig. 8).

Press "OK" to confirm the temporary setting.

The display will now show "⌚" and the time for which the changed setting applies will flash (3h default) (Fig. 9).

Press "+" and "-" to set the duration of the modification, which can vary between 0 hour (minimum) and 24 hours (maximum). Press "OK" to confirm the modified setting.

The display will now show the detected room temperature again.

When the temporary setting times out, the display will again show the set-point temperature set with a device capable of setting schedule.

To cancel the modified setting, press "MODE" and select manual mode.

Press the "MODE" button until the display shows "🕒" to return to programmed operation.

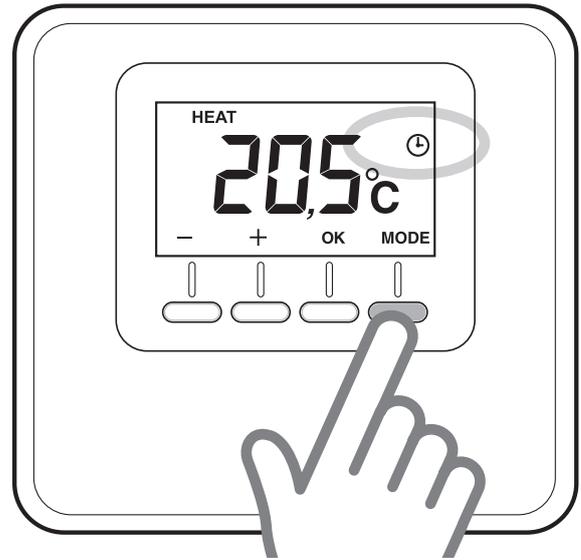


Fig. 7

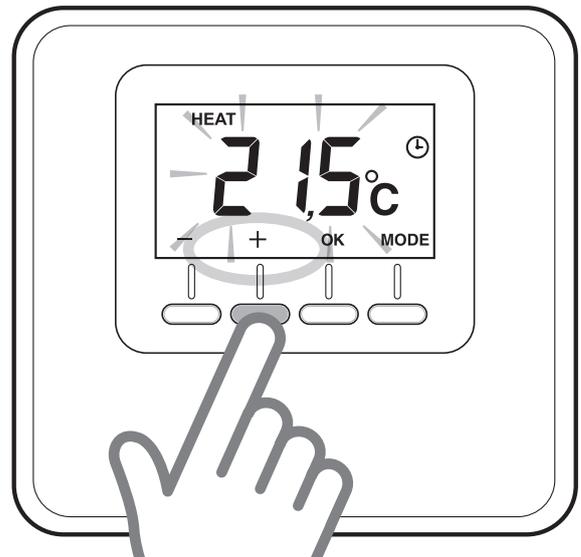


Fig. 8

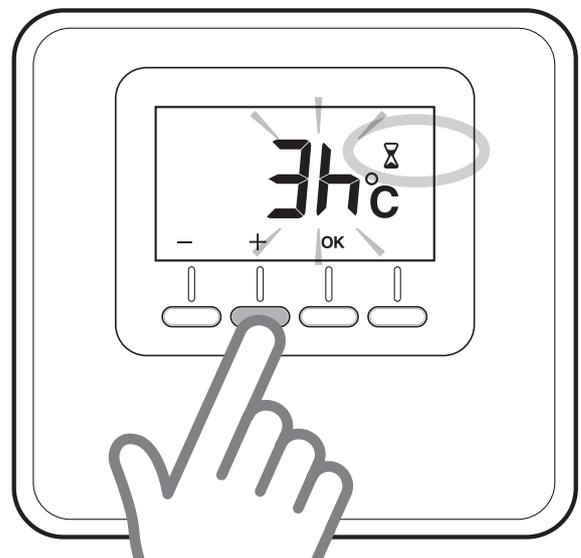


Fig. 9



sign up here

Call us directly on: **0800 680 0100**
Email: **info@atagheating.co.uk**
Visit: **www.atagheating.co.uk**

Your ATAG Selected Partner details:



Visit our website for the terms & conditions www.atagheating.co.uk/termsandconditions
www.atagheating.co.uk | X @atagheating | f @ATAGHeating | @ @ATAGHeatingUK
1 Masterton Park, South Castle Drive, Dunfermline KY11 8NX



REV_0126V1