



Instructions for Installation

Thermolink P
Thermolink RC

ΘΕΡΜΟΓΚΑΖ

Θέρμανση - Φυσικό Αέριο - Ανανεώσιμες

Τηλ.: 210 6665552

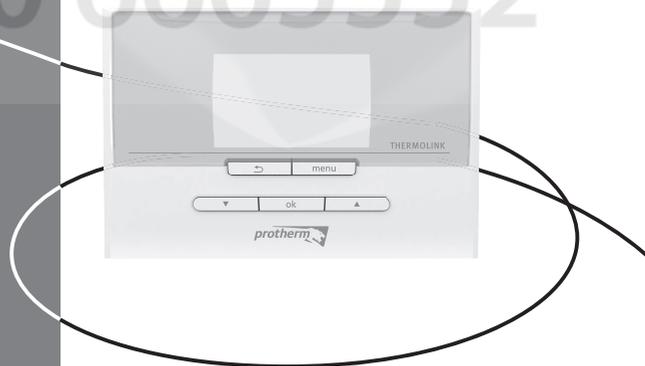


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INTRODUCTION

1 Product documentation

The instructions are an integral part of the Thermolink and must be handed to the user on completion of the installation in order to comply with the current regulation.

- Carefully read the manual, to enable safe installation, use and servicing. No liability can be accepted in the event of damage for not complying with the guidance in this instruction manual.

2 CE Mark

The CE mark indicates that the units described in this manual are in compliance with the following directives:

- European Directive Num. 2004-108 of the European Parliament and the Council regarding electromagnetic compatibility
- European Directive Num. 2006-95 of the European Parliament and the Council regarding low voltage
- Directive regarding telecommunications equipment (Directive R & TTE 99/5/ EEC of the Council of the European Community)

INSTALLER

3 Thermolink installation

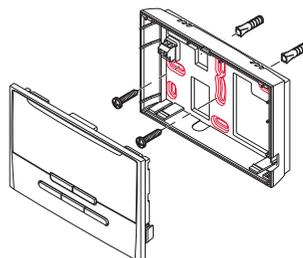
3.1 List of contents

Thermolink programmable room thermostat	(x1)
Wall support for the Thermolink (*)	(x1)
Radio receiver (*)	(x1)
“AA LR6 « alkaline batteries” (*)	(x4)

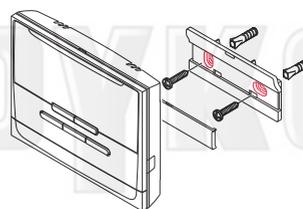
(*) delivered with the wireless version

3.2 Fixing

3.2.1 Wired room thermostat

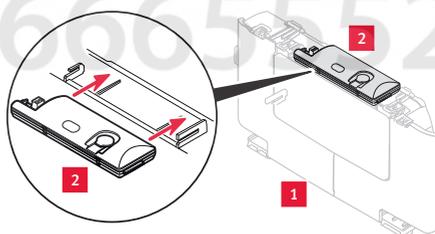


3.2.2 Wireless room thermostat



3.2.3 Radio receiver

radio receiver on control box unit



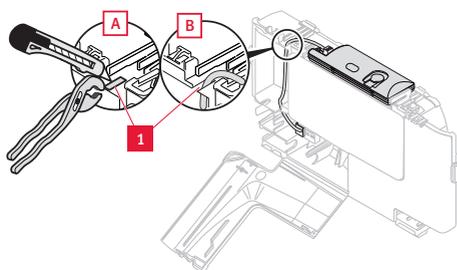
- Key
- 1 Control box unit
 - 2 Radio receiver

- Slide the radio receiver into the notches.



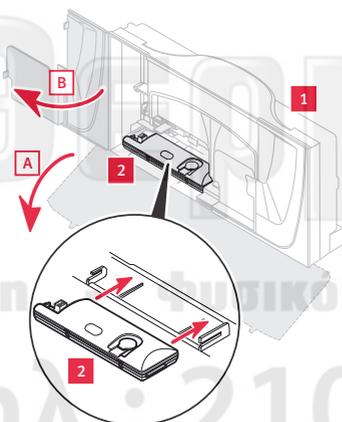
IMPORTANT:
It is easier to pass the EBUS cable if the pre-cut part is removed.

EN



Key
1 Pre-cut part of the electrical box

radio receiver in the control box unit

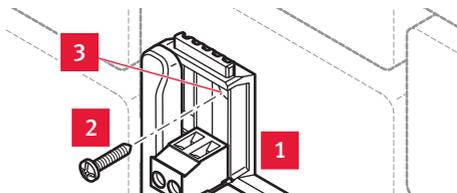


Key
1 Control box unit
2 Radio receiver



IMPORTANT:
The receiver should be installed outside the appliance if the appliance control box does not have a location for the radio receiver.

radio receiver outside appliance



Key
1 Radio receiver
2 Fixing screw
3 Drilling

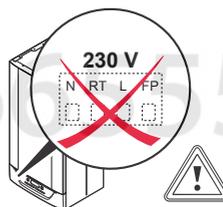
4 Electrical connections



DANGER:
Incorrect installation can cause electric shock or damage to the equipment. The electrical connection must be made only by a qualified engineer.



ATTENTION:
Do not connect the room thermostat to a 230V terminal.



IMPORTANT:
Do not remove the terminal link (RT 24V) from the room thermostat connection on the boiler pcb.

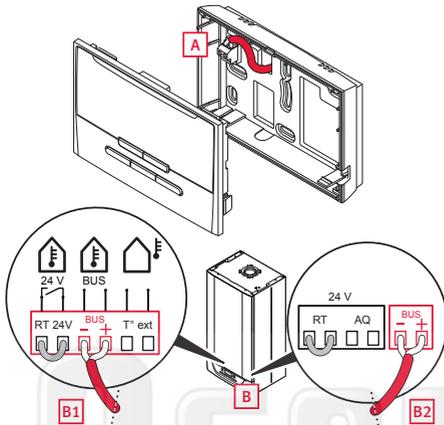
- Use a connecting cable that complies with the technical specifications (refer to the technical data chapter).



IMPORTANT:
The location of the EBUS terminal block varies according to the heating system. It is always identified by having «BUS» written on it.

4.1 Wired room thermostat

connected to a boiler

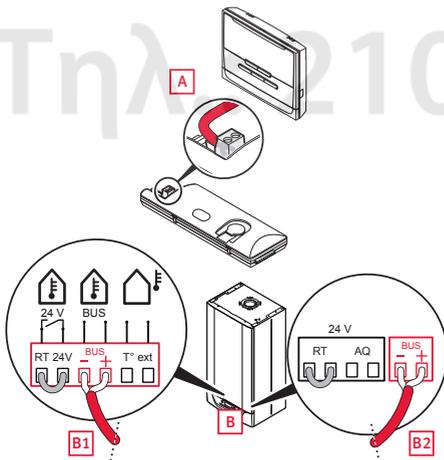


Key

- A connection on the radio receiver:
- B connection to the EBUS 24V terminal on the boiler (examples B1 & B2)

4.2 Wireless room thermostat

connected to a boiler



Key

- A connection on the radio receiver:
- B connection to the EBUS 24V terminal on the boiler (examples B1 & B2)

connected to a control unit

The radio receiver function is integrated into the control box. There is no electrical connection to be made in an installation including a control box.

5 Commissioning

- Fully open all the thermostat valves on the radiators in the rooms where the room thermostats are installed.
- Switch on the appliances that make up the installation (see the installation manuals).
- If it is a wireless connection, remove the insulating tab in the room thermostat battery compartment.
- Follow the instructions given by the installation assistant.
- Make the adjustments and select the necessary options depending on the installation.
- Finalise the installation in the installer menu.
- Check that these main settings are compatible with the installation.
- Check the installation by issuing a heating demand.

INSTALLER MENU

6 Accessing the installer menu

The installation menu is still accessible after commissioning.

- Press the button  for 7 seconds .
- Enter the installer access code 96.

7 Returning to the user menu

- Press the button  for 3 seconds to return to the main user screen.

8 Installer menu note

The installer menu customises itself depending on the appliance it is connected to and the connection method.

8.1 New functions

Automatic heating curve (if an outdoor sensor is connected)

The automatic heating curve function continually seeks the most suitable value to ensure your comfort and the efficiency of your heating system. The optimum value is obtained approximately 24 hours after the system is started. It is recommended that you activate this function. If the function is deactivated, the heating curve can be set manually by the installer.

Thermostat function (if an outside sensor is connected)

The heating system alters the water temperature in the heating circuit depending on:

the ambient temperature,

the outside temperature.

If this function is deactivated, the heating system no longer takes into account the ambient temperature. The heating system uses just the outside temperature.

Anticipation

The heating system anticipates the first programmed setting change in the morning. This function allows it to reach the programmed temperature rapidly (the function is available and independent for each zone).

Recirculation

This function requires the installation of an option card in the boiler. The installation of a recirculation pump allows a shorter waiting time when drawing off hot water. The operating ranges are programmable on the professional menu. The programming for a day starts at 00:00 with a maximum of 7 time slots in 24 hours.

Performance index

The performance indicator is calculated from the efficiency of all appliances over the last 24 hours. The cursor moves along a scale graduated.

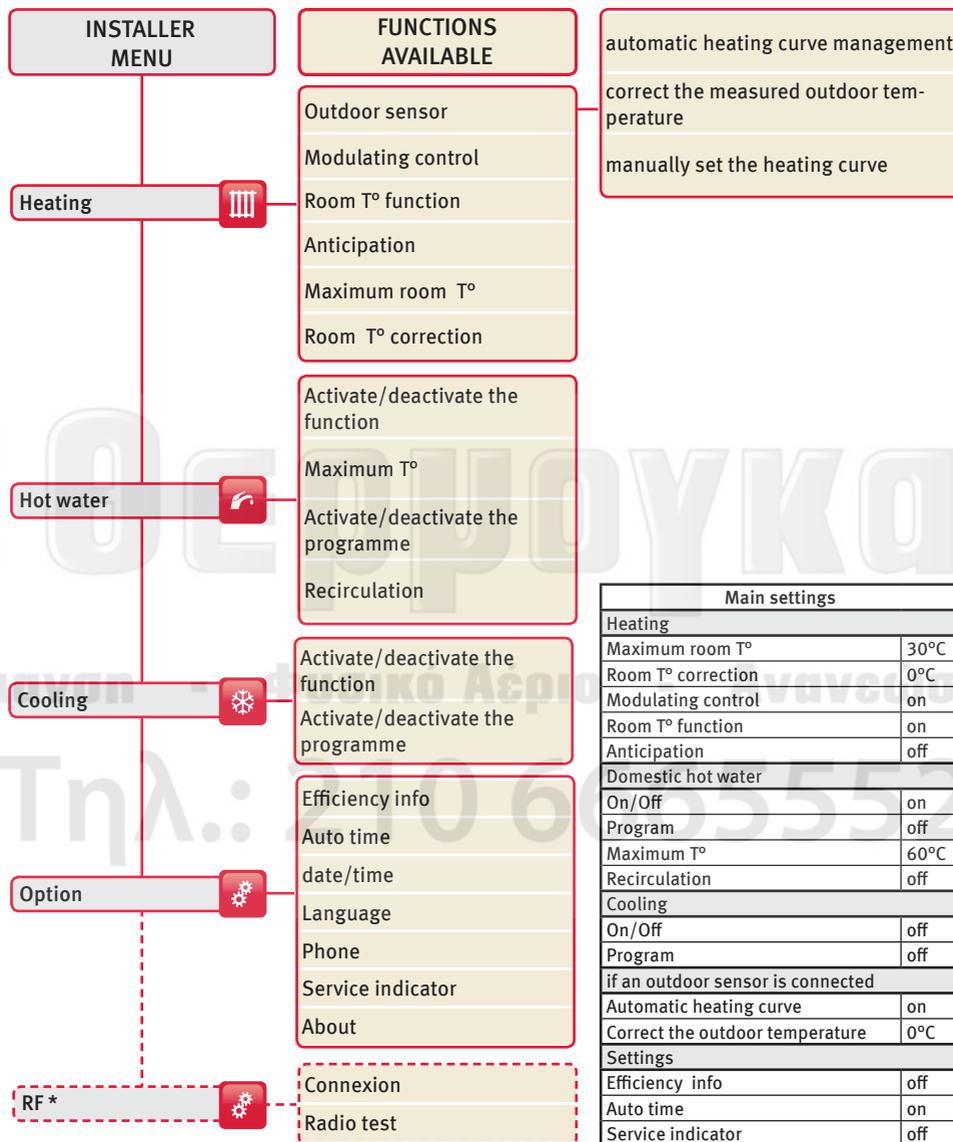
Service reminder

This function reminds the end user to service the appliance. The user must plan the maintenance of their system.

The date must be entered into the professional menu during installation and after each maintenance.

The icon «» is displayed on the room thermostat screen 30 days before the date entered into the installer menu.

8.2 Tree diagram



(*) extra menu in wireless connection mode.

INSTALLER MENU

8.3 Summary of menus and functions available

Thermolink can be the master or secondary room thermostat:

Master

- The “master” room thermostat of the installation has all functions available. The installation comprises only one main room thermostat. It is in general in the principal part of the dwelling (zone 1).

Secondary

- The “secondary” room thermostat located in another part has a limited number of functions.

8.4 Compatibility of the room thermostat

Room thermostat version	Appliance	Examaster
wired	☺	-
wireless	☺	☺

Menus and functions (☺ = available depending on the associated appliance and the status of the thermostat)	The room thermostat is connected to:		
	Boiler	Examaster control unit	
	the status of the room thermostat is:		
	master	master	secondary
Heating			
Auto heating curve	☺	-	-
Modulating control	☺	-	-
Room T° function	☺	-	-
Anticipation	☺	-	-
Max. ambient temp.	☺	☺	☺
Ambient temp. correction	☺	☺	☺
Hot water			
Activate/deactivate the function	☺	☺	-
Activate/deactivate the programme	☺	☺	-
Maximum T°	☺	☺	-
Recirculation	☺	-	-
Cooling			
Activate/deactivate the function	-	☺	☺
Activate/deactivate the programme	-	☺	☺
Options			
Efficiency info	-	☺	☺
Auto time	☺	-	-
Date/time	☺	☺	-
Language	☺	☺	☺
Service indicator	☺	-	-
About	☺	☺	☺
Radio			
Connexion	☺	☺	☺
Radio test	☺	☺	☺

MAINTENANCE

9 Trouble-shooting

9.1 Fault diagnosis

The following checks should be performed before proceeding onto specific diagnostics

- Check the error messages in the room temperature thermostat's display zone

9.1.1 Wired room thermostat



IMPORTANT:
If the room thermostat becomes disconnected from the boiler, the heating system uses its own operational settings. Check that these settings are compatible with the installation.

Cause	Solution
No display on screen	Check that there is no power cut. Check that: - the boiler is properly connected and switched on, - the control box is properly connected and switched on,
The ambient temperature does not reach the programmed temperature.	Check that the thermostat valves on the radiators are fully open.
The ambient temperature exceeds the programmed temperature.	Check that: - The setting of the outside sensor heating curve is suitable for the installation, - the setting of the max. heating outlet temperature is suitable for the installation.
The installation assistant is not displayed during the Commissioning.	Reset the room thermostat. See chapter "Reinitialisation of the room thermostat".

9.1.2 Wireless room thermostat



IMPORTANT:
The settings are recorded in the room thermostat and the wireless receiver.



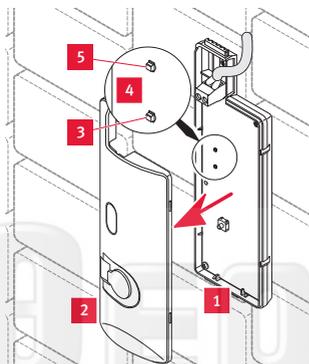
IMPORTANT:
If the wireless receiver becomes disconnected from the boiler, the heating system uses its own operational settings. Check that these settings are compatible with the installation.

Cause	Solution
No display on screen	Check that the room thermostat is not in standby mode.
	Check that there is no power cut. Check that: - the boiler is properly connected and switched on, - The room thermostat batteries are properly installed in their compartment - The battery polarity is not reversed - The batteries are not exhausted. If so, replace with new batteries.
The ambient temperature does not reach the programmed temperature.	Check that the thermostat valves on the radiators are fully open.
The ambient temperature exceeds the programmed temperature.	Check that: - The setting of the outside sensor heating curve is suitable for the installation, - the setting of the max. heating outlet temperature is suitable for the installation.

9.1.3 Radio receiver



IMPORTANT:
Faults described in this chapter should be rectified out by a qualified engineer and if needed by the After Sales Service.



- Key
 1 Radio receiver
 2 Cover for radio receiver
 3 Red LED
 4 Radio receiver circuit board
 5 Green LED

In the event of a problem:

- Remove the cover (2) from the radio receiver (1) to see the 2 LEDs.
- Check the state of the 2 LEDs (green (5) and red (3) located on the electronic board (4) in the radio receiver.

Radio receiver	Cause	Solution
Green LED off Red LED off	-Failure of electrical supply - Defective EBUS connection cable	Ensure that there is no interruption to the electricity supply and that the appliance is properly connected and turned on. • Check the electrical connection between the receiver and the appliance.

Radio receiver	Cause	Solution
Red LED switched on	- Appliance fault - Radio signal transmission error - EBUS communications error - Defective radio transmitter or receiver - EBUS connecting cable defective	<ul style="list-style-type: none"> • Check that: <ul style="list-style-type: none"> - The appliances functioning status is correct - The room thermostat batteries are properly installed in their compartment - The battery polarity is not reversed - The batteries are not exhausted. If so, replace with new batteries. • Check the electrical connection between the receiver and the appliance. • Check the radio communication between the thermostat and the receiver.

9.2 Resetting the room thermostat

This function is used to return the room thermostat to factory settings.

This restarts the installation assistant.



ATTENTION:
The resetting of factory settings is irreversible. All customised configuration of the room thermostat will be lost.

- Simultaneously press the buttons for 10 seconds.
- Confirm by pressing .

TECHNICAL DATA

10 Thermolink P

Description	Unit	Thermolink
Room temperature authorized in the room where the control is installed	°C	50
Maximum authorised temperature of domestic water	°C	65
Power-supply voltage EBUS	V	24
Electrical connection cable section	mm ²	2 x 0.75
Max. length of electric connection cables	m	300
Electrical protection		IP20
Pollution rating		2
Dimensions:		
Height	mm	97
Width	mm	146.5
Depth	mm	35

11 Thermolink RC

Description	Unit	Thermolink
Room temperature authorized in the room where the control is installed	°C	50
Maximum authorised temperature of domestic water	°C	65
Power-supply voltage EBUS	V	24
Electrical connection cable section	mm ²	2 x 0.75
Max. length of electric connection cables	m	300
Transmission/reception frequency	MHz	868
Electrical protection		IP20
Pollution rating		2
Frequency of communication with outdoor sensor	min	15
Frequency of communication with the control box	min	10
Average unobstructed working range (*)	m	100
Average range within the home (*)	m	25
Thermostat dimensions:		
Height	mm	115
Width	mm	146.5
Depth	mm	41
Wireless receiver dimensions:		
Height	mm	20
Width	mm	171
Depth	mm	58
(*) Can vary according to installation conditions and electromagnetic environment		



Subject to engineering changes

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ΘΕΡΜΟΓΑΣ

Θέρμανση - Φυσικό Αέριο - Ανανεώσεις

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