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ATAG 8X512003 One Zone Controller User Guide

Contents

ATAG

ATAG 8X512003 One Zone Controller

Specifications

- **Product Name:** ATAG One Zone
- **Usage:** Central heating control
- **Control Method:** Smartphone or PC
- **Remote Support:** Available

Product Information

The ATAG One Zone allows you to control and monitor your central heating system from anywhere and at any time using your smartphone or PC. It also provides remote support from the ATAG Helpdesk if needed. Most issues can be resolved remotely as long as the thermostat is online.

Introduction

The ATAG One Zone enables you to switch your central heating on and off and check the status, wherever you are and at any time of day, via your smartphone or PC.

- Thank you for choosing ATAG One Zone. It enables you to switch your central heating on and off and check the status, wherever you are and at any time of day, via your smartphone or PC.
- The ATAG One Zone continuously monitors your energy consumption – to help you save energy – and keeps you informed about any malfunctions in your system.
- In addition, the ATAG Helpdesk can provide remote support if required. Most problems can be solved remotely if the thermostat is online. The contact details for reaching the helpdesk vary from country to country. You can find them on the last pages of this booklet.
- This document is designed to help you and your installer get the ATAG One Zone up and running as quickly as

possible. It describes how to install and activate the ATAG One Zone.

Safety & Regulations

Safe use of the ATAG One Zone is ensured if the following guidelines are followed:

- Have installation and maintenance carried out by a competent professional.
    - Do not use the device other than for normal household use.
    - Do not remove the device from the installation location.
    - Do not clean the device with any aggressive cleaning products.
- Disconnect the power supply to the device during cleaning and maintenance.

Waste collection
Electrical and electronic equipment that cannot be repaired must be collected separately for environmentally friendly processing (per EU Directive 2012/19 on Waste Electrical and Electronic Equipment).
The crossed-out wheelie bin symbol on the equipment indicates that the equipment should be collected separately from other waste at the end of its life. The user must therefore take the waste product to a battery collection point.

The ATAG One Zone

The ATAG One Zone is easy to use:
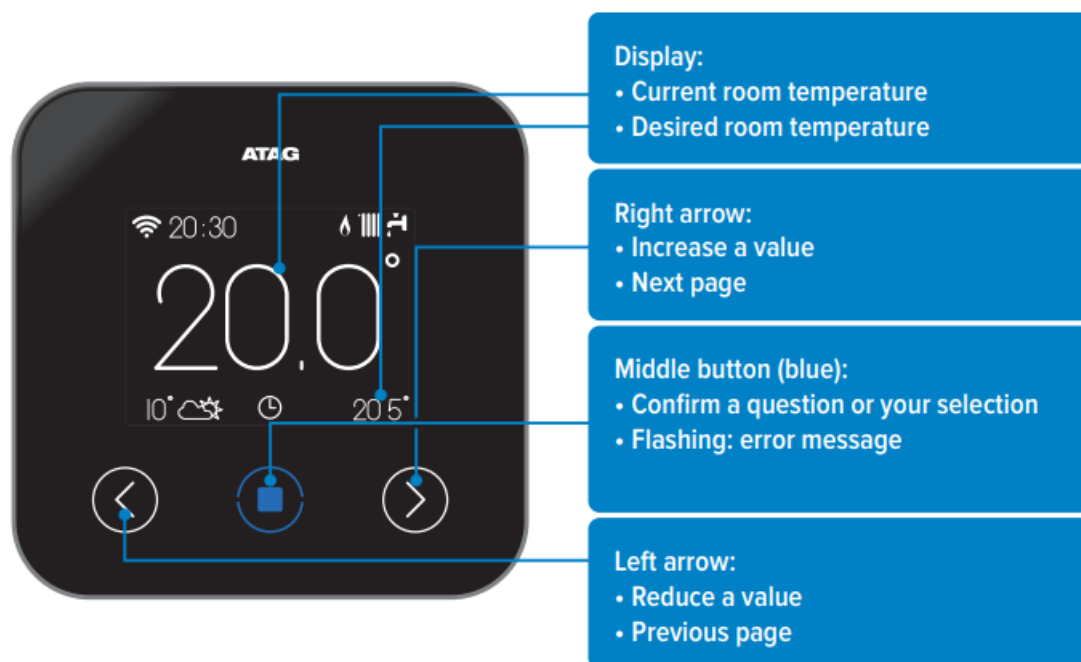
The ATAG One Zone uses the following symbols:

| Symbol	Description	Symbol	Description
📶	Wi-Fi signal / activity	⧗	Zone mode: temporary change
▥ ⚷	Winter	🧳	Holiday mode active
⚷	Hot water program active	🔥	CH boiler active (flame)
▥	CH program active	🌡️🏠	Outdoor temperature
�֎	Heat pump active	⛅	Weather conditions
⏻	System OFF / Standby	⚠	Notification
🕐	Zone mode: program	🔒	Screen locked
☝	Zone mode: manual	≳1	Electric element active (heat pump)

Installing the ATAG One Zone is quick and easy, with just 3 simple steps:

1. ATAG One Zone placement
2. Account Registration
3. Linking to account

Installation

Placement
Because the ATAG One Zone is influenced by room temperature, the location must be selected carefully.
Therefore, a location near potential causes of incorrect measurement should be avoided (e.g. heating sources, draughts, windows, doors, direct sunlight).
Place the thermostat at a height of approximately 1.5 metres above the floor.

Connect the ATAG One Zone

- Before making any electrical connections, ensure that the heat generator is switched off.
- See illustration on the opposite page (page 21).

NOTE! Installation must be carried out by a qualified professional.

- Attach the ATAG One Zone wall plate (A) to the wall, and connect the wiring to the terminal block to make the BUS connection.
- Place the ATAG One Zone on the wall plate (B) by gently pressing the bottom after the top has been hooked.
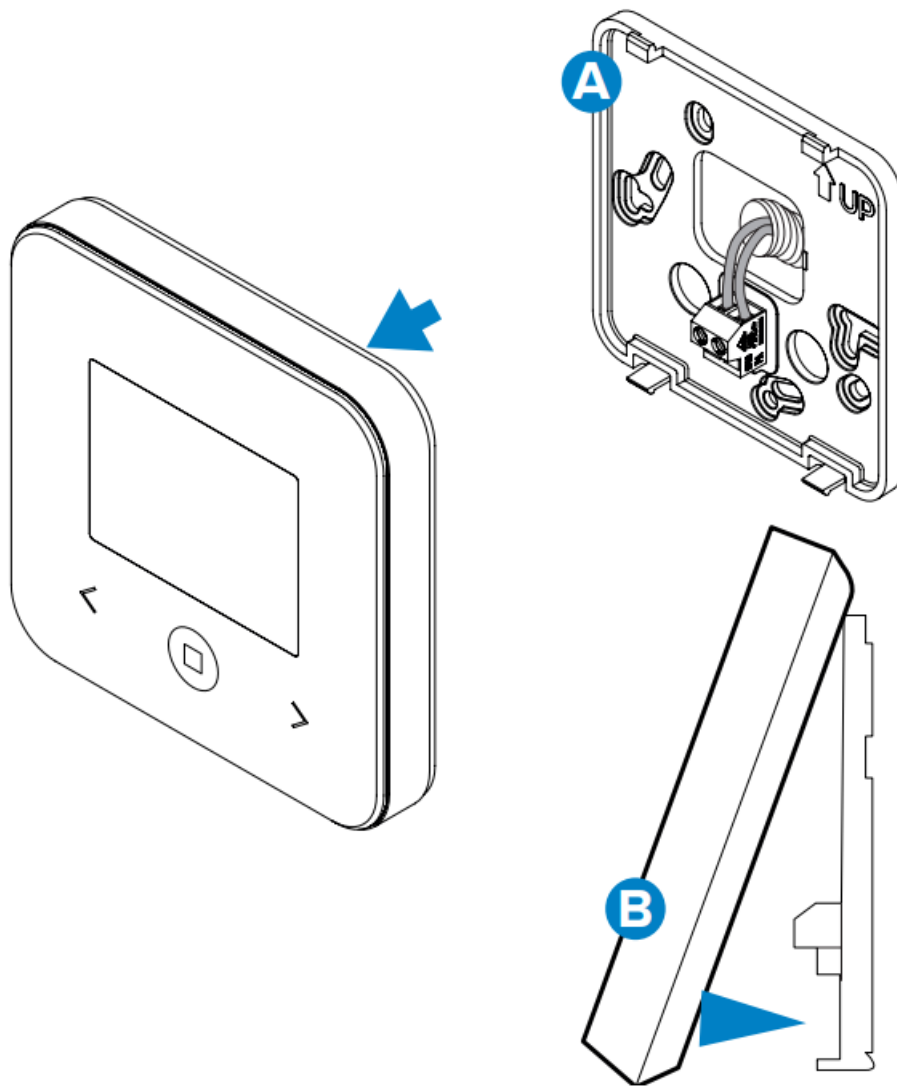
Comfortable heating

Connecting with the smartphone app

A timer program can be set in the ATAG Zone app. Use the Quick Start Guide to connect your thermostat to ATAG Zone!

The ATAG One Zone has 3 ways of heating:

- 'Program' – Set a timer program for heating at preset times

- 'Manual' – Set a fixed temperature that will be maintained 24/7

- 'Fireplace mode' – This mode takes into account that there is another heat source in the room. The system operates based on weather conditions, ignoring the temperature in the reference room. Be sure to close the radiators in the room!

The set mode is indicated by the icon at the bottom centre of the screen.

Warranty

- This product is covered by ATAG's Conditions of Sale and Warranty for all ATAG products. This product falls under the 'accessories' category. This product is covered by a two-year warranty on the unit from the original purchase/installation date?
- For the complete terms and conditions, please visit **www.atagheating.co.uk**.
- To submit a warranty claim, you must include the original proof of purchase. For information, please contact the ATAG representative in your country, as shown at the end of this manual.

Privacy

Additional conditions of use and a privacy policy apply when you use this product and its online services. You will be informed of this when you register your ATAG Zone account.
my.atag.zone

Technical specifications

Power supply	BUS (8 to 24V max)
Current draw	≤60mA
Operating temperature	0 to 40°C
Storage temperature	-20 to 70°C
Humidity	20% RH to 80% RH
Temperature reading precision	+/- 0.5°C
Bus wire length and cross-sectional area **NOTE: TO AVOID INTERFERENCE PROBLEMS, USE A SHIELDED CABLE OR TWISTED PAIR CABLE.**	max. 50 m ø min. 0.6 mm²
Insulation class	III
Protection rating	IP 20
Dimensions	103mm x 103mm x 18.1mm
Frequency band used	2400 MHz – 2483.5 MHz
Maximum power in the band	+19 dBm – 802.11 b, g, n
Wi-Fi channel	1-13

Product card (with ATAG zone bus system only)	
Supplier name	ATAG
Supplier identification model	**ATAG One Zone**
Temperature control class	V
Energy efficiency contribution (%) for space heating	+3%
With an optional outdoor sensor or internet weather data:	
Temperature control class	VI
Energy efficiency contribution (%) for space heating +4%	+4%
In a system with 3 zones and at least 2 room controllers:	
Temperature control class	VIII
Energy efficiency contribution (%) for space heating	+5%

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FAQ

How can I contact the ATAG Helpdesk?
The contact information for the ATAG Helpdesk may vary by country. Please refer to the last pages of this guide for the contact details.

Can I use aggressive cleaning agents to clean the ATAG One Zone?
No, it is recommended to avoid using aggressive cleaning agents to clean the device. Disconnect the power supply before cleaning and maintenance.

How do I dispose of the ATAG One Zone?
The ATAG One Zone should be separately collected at a battery collection location at the end of its lifespan.

Can I control my central heating system using a PC?
Yes, you can control and monitor your central heating system using either your smartphone or PC.

Documents / Resources

ATAG 8X512003 One Zone Controller [pdf] User Guide
8X512003 One Zone Controller, 8X512003, One Zone Controller, Zone Controller, Controller

References

- **A** **Home | ATAG Chauffage | ATAG Verwarming**
- **A** **Home - ATAG**
- **A** **Contact - ATAG**
- **A** **Wärmepumpen & Gas-Brennwertgeräte | Wählen Sie Ihre nachhaltige Lösung für Heizung und Warmwasser | ATAG Verwarming**
- **atagitalia.com**
- **A** **Verwarming | CV ketel | Warmtepompen | Hernieuwbare Energie | ATAG Verwarming**
- **ATAG verwarming | Beleef de warmte**
- **A** **Warmtepompen & CV-ketels | Kies jouw duurzame oplossing voor verwarmen en warm water | ATAG Verwarming**
- **User Manual**