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TIEMME GATE

TEMPERATURE CONTROL SYSTEM & WI-FI COMMUNICATION

TIEMME
ORIGINAL ITALIAN TRADEMARK

10 REASONS TO CHOOSE TIEMME GATE

- Programming and control via the free TIEMME GATE app
- No external gateways required (in addition to home router)
- Simple to install and easy to use
- Saves energy
- Self-learning system for use with multiple manufacturers of radiator valves
- Easy to read backlit display
- Weekly programming
- Child lock
- Holiday program
- Complete communication with voice-controlled Home Automation systems

WHAT IS TIEMME GATE?

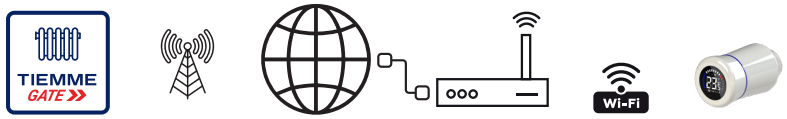
TIEMME GATE is the solution for remote radiator heat regulation via App

REMOTE CONTROL **ENERGY EFFICIENCY** **SIMPLE TO INSTALL**

The temperature control system with Wi-Fi TIEMME GATE communication is able to manage, either locally or remotely via App, the room temperature, ensuring the comfort desired by the user throughout the day. The main element of the system is the Wi-Fi electronic thermostatic head Art. 9564W, which measures room temperature and through continuous communication with the TIEMME GATE application, controls and manages the radiator it is installed on. The Ambient Probe Art. 9564ST to be installed in case the position of the thermostatic head does not guarantee the correct temperature measurement, and the system relay Art. 9564RS to control the heat generator through a clean contact or through the OpenTherm® transmission bus complete the system. The free TIEMME GATE app, available for iOS and Android systems, allows programming and complete control of the entire plant from your smartphone or tablet, in addition it can also be managed through recent voice-controlled Home Automation systems such as Google Home or Amazon Alexa.

CONTROL AND REMOTE MANAGEMENT THROUGH THE “TIEMME GATE” APP

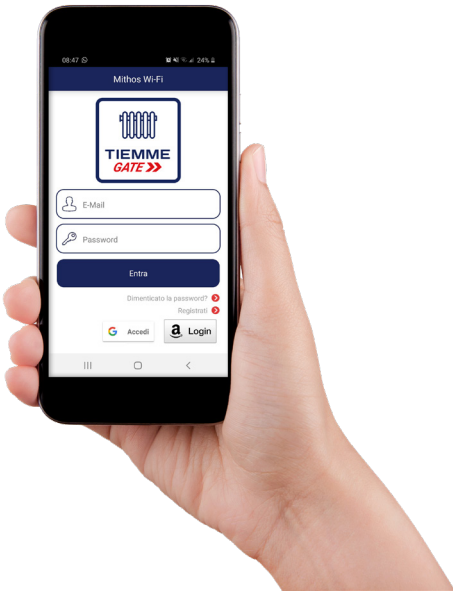
The integrated Wi-Fi module allows you to control the thermostatic head remotely with your smartphone. Simply connect your device to your home router and install the TIEMME GATE app on your smartphone, which is available free of charge for iOS and Android devices.



TIEMME GATE App | Internet | Router/ Access point | Electronic thermostatic head Art. 9564W

CONNECT TO YOUR HOME COMFORT FROM ANYWHERE

WHAT YOU CAN DO WITH THE TIEMME GATE APP?



Once you have created your account, you can access several menus that allow you to:

- Create and manage one or more homes;
- Create and manage rooms for each home;
- Combine one or more electronic thermostatic heads with each room;
- Associate an ambient probe for temperature reading with each room;
- Match the system relay to each system (if required);
- Switch the heating system on or off as required;
- Create and change weekly programs and settings;
- Change the set operating temperatures (T1, T2, T3);
- Set the holiday days on which the system remains at a fixed temperature pre-set by you;
- Check the status of each room;
- Manage several chronothermostats (assigned with identification labels) within a house and several houses at the same time;
- Communicate with your system through Google Home and Amazon Alexa voice assistants.

TIEMME GATE » | ANDROID APP ON Google play | Available on the App Store

MANAGE YOUR HOME TEMPERATURE WITH THE SOUND OF YOUR OWN VOICE

Easy as playing your favorite music

TIEMME GATE can be integrated with the main voice assistants on the market. This means you can control heating and cooling by changing the temperature of one or more areas of your home.

Google Assistant amazon alexa

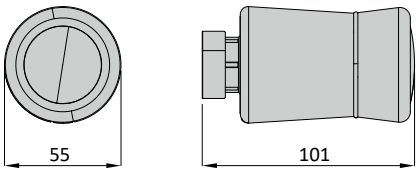
TECHNICAL SPECIFICATIONS

- Power supply: 2 batteries 1.5 V AA type (2 season duration)
- Operation: Off, Manual, Automatic
- Weekly programming with 3 settable temperatures: T1, T2, T3
- Daily resolution: 1 hour
- Measured temperature scale: 0 °C ÷ + 50 °C with ± 0.5 °C accuracy
- Temperature resolution measured and displayed: 0.1°C
- Temperature adjustment range: + 6 °C ÷ + 28 °C
- Anti-freeze adjustment range: + 2 °C ÷ + 8 °C (default + 6 °C)
- Temperature regulation: Proportional on PID basis (default) or ON/OFF (differential can be set between 0.1°C and 1°C – default 0.3°C)
- Thermostatic head programming lock (Child lock)
- Temperature can be adjusted directly on the thermostatic head
- Radiator valve fitting: M30X1,5
- Adapters available for M28X1.5 valve fitting, Caleffi and Giacomini
- Direct communication via home Wi-Fi
- Operating frequency band: 2.4 GHz IEEE 802.11 b/g/n
- Class: VIII (with OpenTherm control - relè 9564RS)
  IV (with ON/OFF control - relè 9564RS)
- Protection rating: IP30
- Storage temperature: + 10 °C ÷ + 65 °C

PRODUCTION RANGE

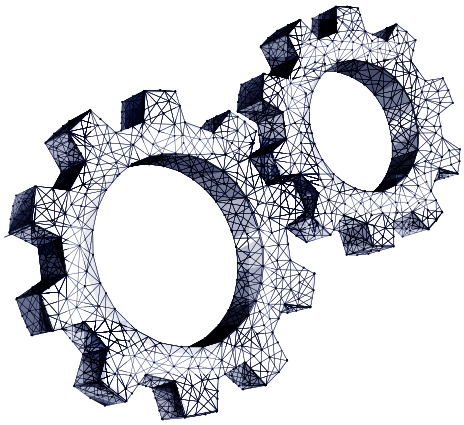
Art.	9564W	9564ST	9564RS
Description	Wi-Fi electronic thermostatic head	Wi-Fi ambient probe	Wi-Fi system relay
Code	**955 0052**	**955 0053**	**955 0054**
Power supply	Battery operated	Battery operated	85 ÷ 230 Vac 50/60 Hz
Unit/Box	1/4	1/4	1/10

DIMENSIONAL SPECIFICATIONS

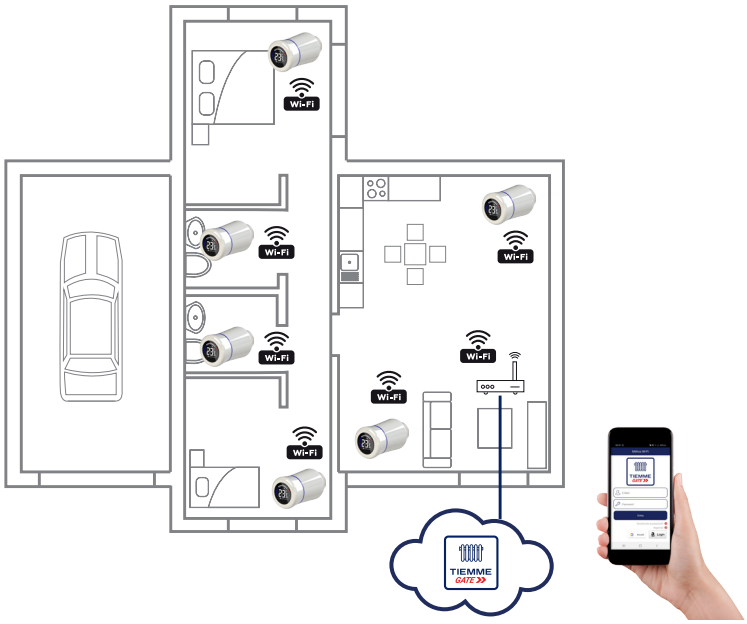


GUIDE TO COMPATIBILITY

TIEMME GATE is compatible with nearly all thermostatic valves on the market, thanks to the use of adaptors, if necessary.
The TIEMME GATE control ring matches directly with the M30x1.5 fitting valves.
The adaptors in the package allow the installation of TIEMME GATE also on thermostatic valves with different fittings (M28X1.5, Caleffi, Far and Giacomini fitting).

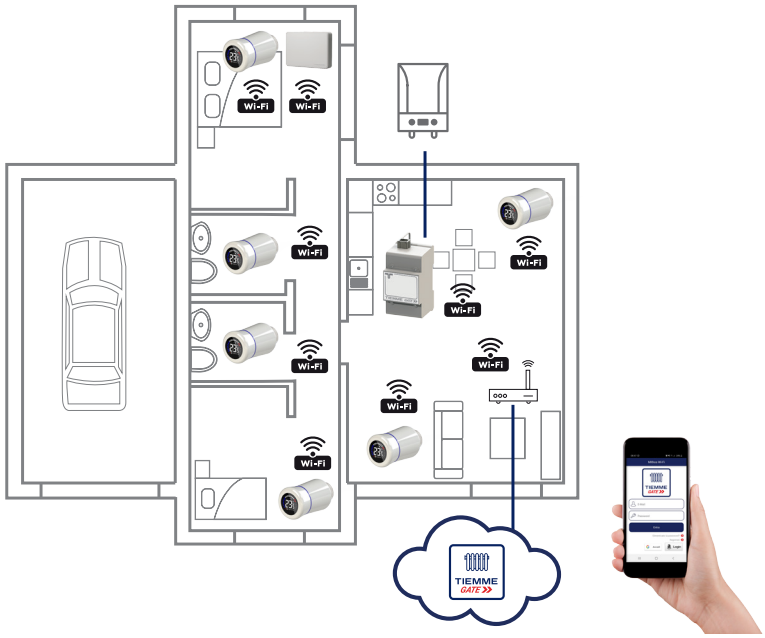


OPERATION DIAGRAM



CENTRAL SYSTEM

Control of a condominium system without activation of the heat generator (central generator).
In this way, the user can decide for himself the time slots and the temperatures of his own rooms in complete freedom simply by combining the electronic thermostatic heads Art. 9564W to his Wi-Fi network.



STANDALONE SYSTEM

Setting up a standalone system with the activation of the heat generator.
In this way, the user, in addition to deciding the time slots and the temperatures of his own rooms, can switch on/off the heat generator according to the actual demand of the system by using the system relay Art. 9564RS which can communicate with the generator via a relay contact or via the OpenTherm® communication bus. This optimizes switch-on times while saving energy and therefore energy bills. Like thermostatic heads, the system relay communicates directly with the TIEMME GATE application through the Wi-Fi in his own home.
The example also shows the application of the accessory ambient probe Art. 9564ST in a room with the function of remoting the temperature reading of the electronic thermostatic head.

LEGEND:

Art. 9564W

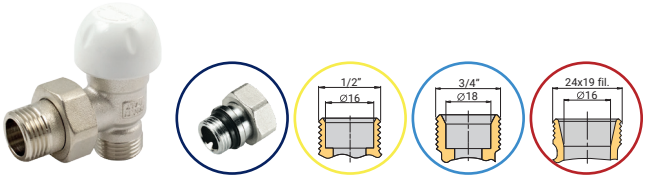
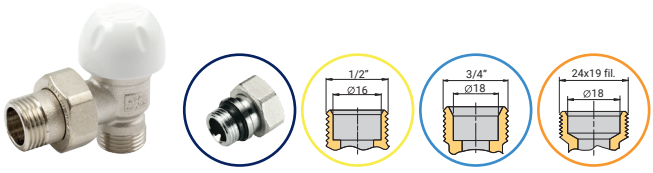
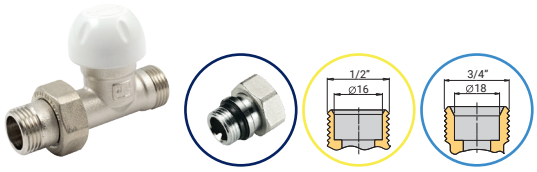
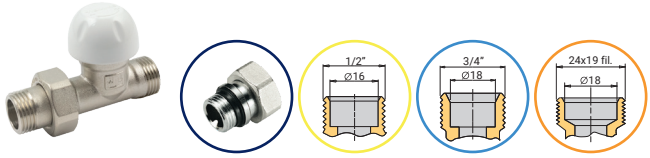
Art. 9564RS

Art. 9564ST

SP OpenTherm®

TIEMME REDEVELOPMENT KIT

The TIEMME GATE system, combined with TIEMME thermostatic and lockshield valves, is the most effective, efficient, and user-friendly response to help us reduce energy waste.
Below are some of the most used products for the redevelopment of our buildings. Further solutions can be found in the Hydro Components catalogue.

VALVES	LOCKSHIELDS
3308 Angle valve with THERMOSTATIC OPTION for iron pipe with protection cap	**3336** Angle lockshield for iron pipe
3307 Straight valve with THERMOSTATIC OPTION for iron pipe with protection cap	**3335** Straight lockshield for iron pipe
 **3303** Angle valve with THERMOSTATIC OPTION for copper/Pex/ multilayer pipe with protection cap	 **3331** Angle lockshield for copper/Pex/multilayer pipe
 **3302** Straight valve with THERMOSTATIC OPTION for copper/Pex/ multilayer pipe with protection cap	 **3330** Straight lockshield for copper/Pex/ multilayer pipe

See the Hydro Components catalogue to find the codes of our full range of Radiator Valves.

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Gnutti Group

TIEMME RACCORDERIE S.p.A.
Via Cavallera, n. 6/A - 25045 Castegnato (BS) - Italy
Tel. +39 030 2142211 - info@tiemme.com

www.tiemme.com

MORE INFO
Scan the QR code
and visit the dedicated website

Rev. A - 05 2024