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Grzałka zanurzeniowa typu GT/GTX z elektronicznym termostatem

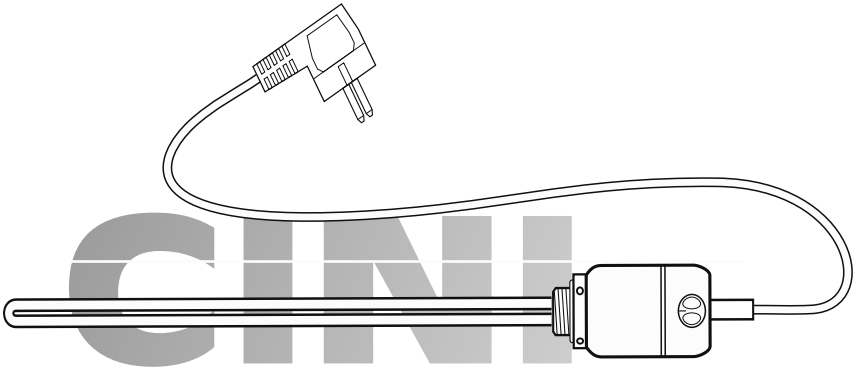
Electric heating element GT/GTX with electronic thermostat

Der Heizermit elektronischer

Thermostat type GT/GTX

GT/GTX type Immersible Heater with Electronic Thermostat

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INSTRUKCJA OBSŁUGI GRZAŁEK GT/GTX 16092019



1. IDENTYFIKACJA INSTRUKCJI OBSŁUGI
1.1 Kod grzałki- GTGTX13052020EX
1.2 Data produkcji -13052020
1.3 Nazwa wydawcy - TRI O Aranđelovac

2. IDENTYFIKACJA PRODUKTU

2.1. GRZAŁKA ZANURZENIOWA TYPU GT/GTX Z TERMOSTATEM DO GRZEJNIKÓW
Modele GT/GTX 150, 300, 500, 600, 900, 1200
2.2. PRODUCENT: CINI Sp. z o.o. Borowa 85, 41-253 Czeladź, Polska (Wyprodukowano w Serbii)
2.3. Produkt jest zgodny ze standardami
EN 60335-1; EN 60335-2-73; EN 62233; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3
2.4. Grzałka zanurzeniowa jest urządzeniem elektrycznym przeznaczonym do ogrzewania/dogrzewania mniejszych przestrzeni mieszkalnych, łazienek, spiżarni, jak i dla użytkowników korzystających z suszarek do ręczników.

⚠ 3. OGÓLNE ŚRODKI BEZPIECZEŃSTWA

3.1. OSTRZEŻENIE: Uważnie przeczytaj dołączoną instrukcję obsługi
3.2. OSTRZEŻENIE: Zachowaj dołączoną instrukcję obsługi tak długo, jak produkt jest w użyciu
3.3. Zachowaj oryginalne opakowanie urządzenia przez cały okres trwania gwarancji

3.4. The immersion heater GT/GTX with an electronic thermostat is an electrical device intended for use exclusively in towel radiators and hand dryers. Any other use is prohibited and potentially dangerous. 3.5. The heater can be used independently as an electrical element in a central heating system when the rest of the system is turned off (e.g. during the summer period). It should not be used when the central heating is on. 3.6. It is forbidden to install the heater in other devices besides the radiator, such as pipes, conduits. 3.7. The heater is not intended for installation in panel radiators (or other radiators that do not have a collector pipe, in which the heater can be easily installed). 3.8. The devices in which the heater is installed must be filled only with clean (distilled) water or a mixture of water with an antifreeze substance (water+glycol) 3.9. THE USE OF THERMAL OIL IS PROHIBITED for the purpose of filling heating devices

3.10.DO NOT USE THE DEVICE IF THE HEATER IS NOT COMPLETELY SUBMERGED IN FLUID. 3.11. For optimal radiator operation and optimal heating effects, the correct selection of heater power is important. 3.12. The heat output of the heater must not exceed 70% of the radiator/dryer power. To obtain information about the radiator power, refer to the instructions provided with the radiator or contact the distributor or manufacturer. 3.13. The installation/removal of the heater, as well as its selection, should be carried out only by qualified personnel. 3.14. DANGER: Connection to the electrical socket should be carried out only in the manner recommended by the manufacturer. 3.15. Do not use accessories or adapters when connecting the heater to the socket. 3.16. All installations to which the radiator is connected must meet the requirements specified by law and the relevant regulations in force in the country where the radiator is installed. 3.17. WARNING: The radiator must be connected to the installation using an electrical socket containing a protective earth (PE). 3.18. When connecting the radiator to the electrical installation, ensure that the circuit has a differential protection switch with 30 mA sensitivity, as well as appropriate overcurrent protection. 3.19. In the case of connecting the heater without a plug, use an electrical switch maintaining a minimum 3mm distance between the electrical connections.

3.20. WARNING: Do not install the device in zones 0 or 1. The device must be out of reach of persons in the bathtub or under the shower. Illustration 1

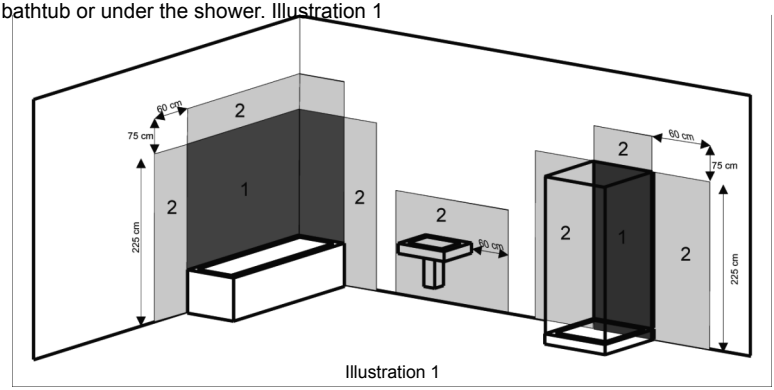


Illustration 1

3.21. WARNING: Some parts of the heater may be hot and cause burns. Special attention should be paid to children and physically or mentally disabled persons. 3.22. For the safety of small children, we recommend installing the heater at least 60 cm from the floor. 3.23. IMPORTANT: When drying fabrics, special attention should be paid to the temperature. 3.24. WARNING: The heater housing must not be covered and must be at least 40 cm away from objects and flammable materials. 3.25. WARNING: Do not try to manually tighten the device. Do not use force. This may cause mechanical damage to the thermostat and also electric shock. 3.26. WARNING: The device can be used by children from 8 years old and adults with limited physical, sensory or mental abilities only if they are under supervision or have been instructed in caution and safety and understand the associated dangers. 3.27. The device is not intended for children's play. 3.28. Unsupervised children should not clean or use the device. 3.29. Any independent modification of the heater is strictly prohibited. Otherwise

the manufacturer is not liable for the consequences and they will not be covered by service or warranty. Do not open the device housing - any interference with the device poses a risk and voids the factory warranty. 3.30. Always follow the given instructions during installation and use of the heater. 3.31. In case of additional questions regarding technical data, contact the manufacturer. 3.32. In case of any doubts or insufficient information, do not install or use the heater, but contact the manufacturer or distributor. 3.33. The manufacturer is not liable for any consequences resulting from non-compliance with the instructions.

4. TECHNICAL DATA

1. Heater type	GT/GTX150	GT/GTX300	GT500	GT/GTX600	GT/GTX900	GT1200
2. Rated voltage	230V~50Hz	230-240V~50Hz	230-240V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
3. Heater power	150	300	500	600	900	1200
4. Temperature control	5 - 65 C +/- 5°C					
5. Connection cable	OMY 3x0,75"					OMY 3x1"
6. Melting temperature	94°C					
7. Heater thread	G1/2"					
8. Insulation class	I					
9. Weight (g)	384	389	404	404	424	468
10. Length (mm)	300	305	360	360	410	460

4.1. The heater elements are shown in illustrations 2 and 3.
A - heating element B - body

C - thermostat housing D - potentiometer housing E - thermostat knob F - indicator light G - key "S" holder H - rubber seal I - plug

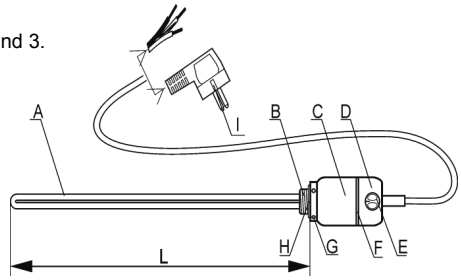


Illustration 2

T1 - thermal fuse T2 - thermal fuse

E - electronic thermostat

S - indicator light G - heating element

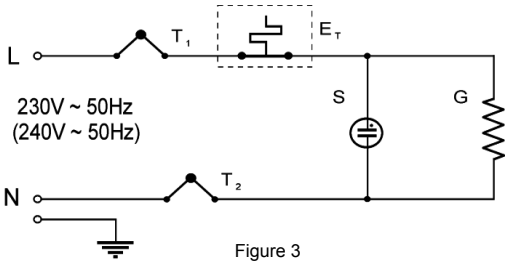


Figure 3

5. INSTALLATION AND PRECAUTIONS

5.1. 5.2. The installation of the heater should be carried out by a qualified person. 5.3. Before installation, check whether the device has no visible damage. If such damage is noticed, the heater should not be connected to the power supply. 5.4. Heaters must not be installed under or above the power socket.

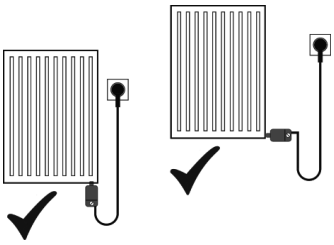


Figure 4 - CORRECT

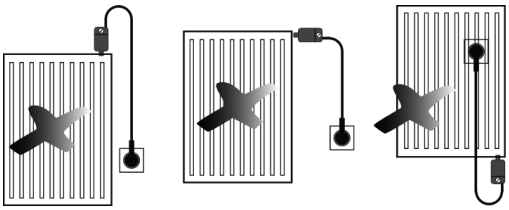


Figure 5 - INCORRECT

5.5. The heating element is mounted in the lower part of the radiator manifold. 5.6. The GT/GTX heater is intended for direct installation in bathroom radiators and towel dryers filled only with distilled water or a mixture of water and antifreeze (water + glycol). 5.7. The radiator should not be filled with liquid in an amount greater than 90% of its volume or greater than 92% of its height, which is easier to measure. 5.8. If the heater is used to heat water in an existing radiator in a central heating system, one vent at the top of the radiator must always remain open during its operation. 5.9. It is prohibited to connect the heater to the power source when it is not completely submerged in water. 5.10. Connect the device to the appropriate electrical installation (see: technical data of the heating element and GENERAL SAFETY PRECAUTIONS). 5.11. Observe the regulations regarding safety zones in the bathroom. 5.12. Do not allow the power cord to touch the heater or the radiator.

5.13. Do not open the device housing - any interference with the device poses a risk and voids the factory warranty. 5.14. INSTALLATION PROCEDURE 5.15. Install the heater in the lower part of the radiator, in the place of the ½" blind plug on its right or left side. If the radiator is part of a central heating system, drain it. Unscrew the plug in the lower pipe of the radiator and insert the heater inside. Gently screw the heater into the plug location. Look at figures 6 and 7.

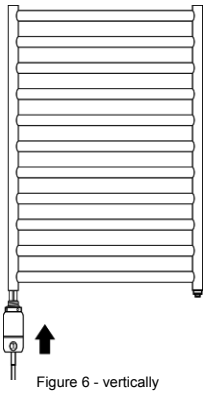


Figure 6 - vertically

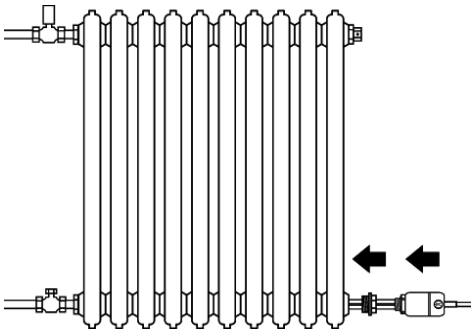


Figure 7 - horizontally

AND 5.16. NOTE: The heater has a ½" thread. Do not use additional sealing elements.

/ 5.17. Do not tighten the element manually. Figure 8

Spanner wrench "S" (included with each unit) is used to tighten the heating element. After installation, remove the wrench. Figure 9

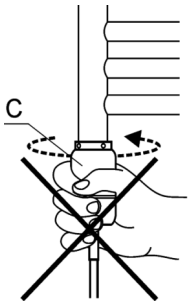


Figure 8 - Incorrect Installation

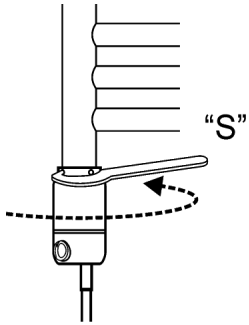


Figure 9 - Correct Installation

5.18. In radiators existing in the system of central heating, the heater can be screwed in using a T-piece after reading the instructions. Illustrations 10 and 11

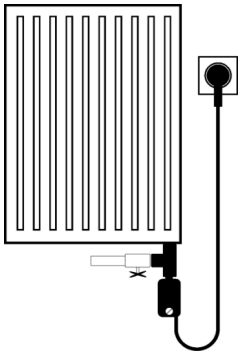


Illustration 10

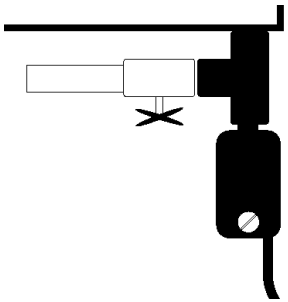


Illustration 11 - Details

5.19. Fill the radiator with distilled water or a mixture of water with an antifreeze agent up to 90% of its volume or approx. 8% below its height. Illustration 12 5.20. During horizontal installation, fill the radiator with liquid up to max. 2cm below the upper radiator plug.

8%, 22°C

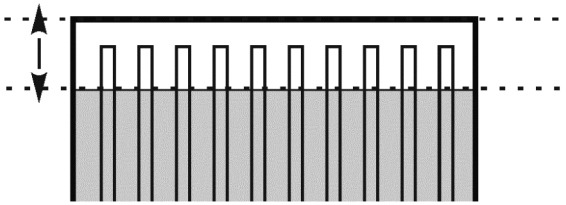


Illustration 12

5.21. The radiator can be filled with liquid through the top opening or through the vent in the central heating system, remembering that the lower openings of the radiator must remain closed at all times.

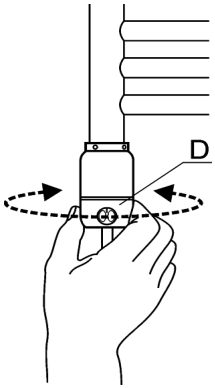


Illustration 13

5.22. Filling should be carried out very slowly to avoid air getting into the radiator. 5.23. The indicator light and the thermostat knob should be set to a convenient position by rotating the potentiometer housing. Illustration 13 5.24. The rotation of the housing is limited to less than 360°.

/! 5.25. IMPORTANT: Do not tighten the element manually by holding the plastic housing of the heater „D". If you feel resistance, try turning the housing the other way. (Rotation of the thermostat housing is mechanically limited.) 5.26. During installation of the heater and connection to the power supply, ensure that the vent hole at the top of the radiator is always open (if the radiator is part of a central heating system). If you are sure that the heating element has been installed according to the instructions and if the radiator is completely filled with liquid, you can connect the radiator to the power supply. 5.27. IMPORTANT: The electrical socket into which the plug is inserted must be grounded. 5.28. Turn the thermostat knob „E" to the maximum temperature and wait until the indicator light „F" goes out. When the light goes out, the radiator has heated up to 65°C, and you can then close the top opening of the radiator. 5.29. IMPORTANT: During the first use of the radiator, the liquid may leak from the top open opening of the radiator (vent), which may be caused by a difference in temperature between the liquid in the radiator and the room temperature. This may happen when the radiator is filled above 92% of its volume 5.30. Remove the leak and continue with the installation. 5.31. WARNING: Do not open the vent when the radiator is hot, as the liquid is under pressure. Disconnect the radiator from the power supply, wait until it has completely cooled down, and if necessary, open the vent. 5.32. If the heater has been installed according to the given instructions, the radiator is ready for use.

6. DISMANTLING A 6.1. SAFETY PRECAUTIONS

6.2. NOTE: Before dismantling the heating element, disconnect the device from the power supply. 6.3. If the heater is hot, allow it to cool completely. 6.4. NOTE: It is forbidden to open the plug and the bleed valve when the heater is hot, as the system is under pressure. 6.5. IMPORTANT: A filled heater can be very heavy, so do not remove it from the wall before emptying it. 6.6. DISMANTLING PROCEDURE 6.7. Disconnect the device from the power source. PL

6.8. If the heater is hot, allow it to cool completely. 6.9. Drain the heater by opening the radiator valves, place a container under the heater and gently open the lower valve. Allow all the liquid to drain into the container, then slowly open the upper radiator valve. When the heater is empty, unscrew the heating element using a "S" spanner. 6.10. When the heating element has been disconnected, place it in the original packaging.

7. USAGE

A 7.1. SAFETY PRECAUTIONS

7.2. The heater must be permanently connected to the proper electrical installation via the attached cable. 7.3. Do not connect the heater to an outlet if the heater installation has not been properly carried out. 7.4. WARNING: It is prohibited to connect the heater to a power source when it is not completely submerged in liquid. 7.5. Never switch on the heater when the heater is empty. 7.6. Do not test the heater without water. 7.7. For safety reasons, regularly inspect the device and check for any damage. 7.8. WARNING: Check that none of the visible parts of the heater (cable, housing) show signs of damage; if such damage is noticed, do not switch on the device. Immediately contact the manufacturer or distributor. 7.9. The power cable must be replaced by an authorized person. 7.10. DO NOT COVER - The heater housing must not be covered and must be at least 40 cm away from objects and flammable materials. 7.11. If the maximum temperature is set, the heater may become hot, so it is not suitable for use in places where this could create a hazard (e.g., where children may be present without adult supervision). 7.12. Ensure that children under 8 years of age and physically or mentally disabled persons operate the device under supervision. 7.13. This device is not a toy. Ensure that the device is out of reach of children. 7.14. USAGE PROCEDURE 7.15. If the heater has been installed according to the above instructions, the device is ready for use. It has been designed to be easy to use. Selecting the desired temperature is done by turning the thermostat knob "E" located on the heater housing. Illustration 14

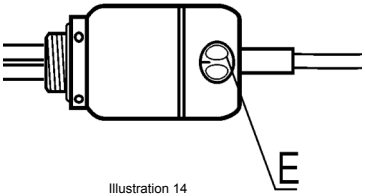


Illustration 14

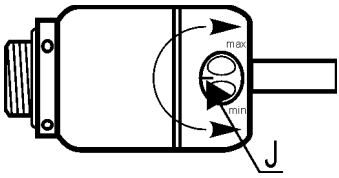


Illustration 14.1

7.16. The "min" position on the housing of the potentiometer "E" ensures a minimum temperature that protects the liquid from freezing. This does not mean that the heater is not working. If you want to completely switch off the heater, you must disconnect it from the power supply. The other symbols on the thermostat housing indicate the selected heater temperature. The maximum temperature at position "65" is approximately 65°C, depending on the heater type and ambient temperature. 7.16.1. ATTENTION: Blind and visually impaired persons can adjust the temperature thanks to the raised part on the button on the housing of the potentiometer "/" (illustration 14.1). Turning the knob to the left to the stop means selecting the minimum temperature, while turning the knob to the right to the stop means selecting the maximum temperature.

7.17. IMPORTANT: The heater does not have an external room temperature sensor. The device regulates only the temperature of the liquid in the heater. 7.18. When drying fabrics, the recommended heating temperature is 55°C. When heating a room, the user can use the entire available temperature range. 7.19. The control lamp "F" lights up when the heater is on (when the heater is heating up). When the heater reaches the selected temperature, the control lamp turns off. When the ambient temperature is lower, the heater will take longer to warm up. 7.20. If the heater is too large (improperly selected), if the room being heated is too large or the ambient temperature is too low, the heater may operate continuously without turning off. To check this, turn the regulator knob to the "min." position (lowering the temperature), and the indicator lamp will turn off. ! 7.21. IMPORTANT: If the heater is warm and the thermostat housing setting is in the "min" position

but does not cause the control lamp "F" to turn off, disconnect the heater from the power and contact an authorized service or distributor.

! 7.22. IMPORTANT: If you notice a leak from the heater, disconnect the heater from the power source and check

the liquid level in the heater. Otherwise, this may cause damage to the heater or fabrics that may be on the heater. 7.23. During operation of a well-installed heater, a noise may occur, which is considered harmless and there is no need to initiate a warranty procedure.

POSSIBLE PROBLEMS AND SOLUTIONS

PROBLEM	POSSIBLE CAUSE	SOLUTION
The heater is on, the housing of the potentiometer does not respond, the light is off	Connection problems	Check the connection to the power supply
the heater is on, the light control light indicates the position "min" potentiometer in the construction	the heater is cold, its the temperature is below 7°C	Wait until the heater warms up
the heater is on, the control light is on continuously and the position "65" is set on potentiometer construction. When the temperature is set to position "min" the light turns off	Incorrect heater selection or heater power	The correct power should be selected heater power to the heater
The heater is on. The control light is on continuously at every position on the potentiometer	The heater is not filled with liquid	Disconnect the heater from the power supply and check the liquid level
	Thermostat not working	Disconnect the radiator from the source authorized service
Liquid flows out of the heater only when the heater is operating	The heater is overfilled with liquid	Disconnect the radiator from the source **zasilania, zaczekaj aż się schłodzi i przeprowadź ponownie procedurę z sekcji MONTAŻ**
Liquid flows out of the heater when it is not operates	Sealing problem	Disconnect the heater from the power supply and check all connections
When the control light is on, a noise can be heard from the heater	Mechanical vibrations caused by heating liquid, especially water that is not demineralized	Harmless phenomenon. If it is annoying, you can remove the heater, gently pull it out of the heater tube and uninstall. Fill the heater with distilled water with an antifreeze
If the problem persists, contact an authorized service center or distributor		

8. MAINTENANCE ! 8.1. SAFETY MEASURES

8.2. Service and repair of the device should be carried out by authorized personnel. 8.3. Before installation, check for visible damage to the device. If any is found, do not connect the heater to the power supply. 8.4. Ensure that children under 8 perform device maintenance under appropriate supervision. 8.5. NOTE: Before carrying out maintenance procedures, disconnect the heater from the power source and wait until it has completely cooled down.

8.6. MAINTENANCE PROCEDURE 8.7. Periodically, once every 3 months or before the heating season begins, perform the following checks:

8.8. Check if the heater is filled with fluid. 8.9. If you notice that the heater is empty or the fluid level has dropped, refill the heater and check for leaks. 8.10. Remove dust from the thermostat housing using a damp cloth (do not use corrosive liquids). 8.11. Regularly clean the heater of excess dust using a damp cloth (do not use corrosive liquids).

9. ENVIRONMENTAL PROTECTION



9.1. Old electrical devices contain recoverable and non-biodegradable materials and therefore should not be disposed of with household waste. 9.2. We encourage active protection of natural resources and the environment and recommend returning old electrical devices to appropriate recycling points. 9.3. You can contact your local authority, distributor or the sales point where the electric heater was purchased to find out more about appropriate recycling points



for disposal. 9.4. The materials used for the packaging of our heaters were selected with environmental protection in mind and are therefore recyclable. 9.5. Thank you for supporting environmental care.

Warranty Statement

The manufacturer guarantees:

Reliable operation of the heater provided that the recommendations in the instruction manual and installation guide are followed. The warranty period begins on the day of purchase, as confirmed by the warranty card with the seller's stamp, date of sale and the seller's signature.

Not covered by warranty:

Heaters repaired by unauthorized persons. Heaters damaged due to faulty electrical installation or during disturbances or power outages. Heaters damaged mechanically by the user. Power selection: the manufacturer recommends that the heater power should be 70% of the radiator power in which the heater will operate.

INSTALLATION INSTRUCTIONS GT/GTX 16092019





CE

1. IDENTIFICATION OF USER MANUAL

1.1. ID Number-GTGTX13052020EX 1.2. Issue Date-13052020 1.3. Publisher Name - TRI O Arandelovac

2. PRODUCT IDENTIFICATION

2.1. ELECTRIC HEATING ELEMENT WITH THERMOSTAT TYPE GT/GTX MODELS GT/GTX 150, 300, 500, 600, 900, 1200 2.2. MANUFACTURER: CINI Sp. z o.o. Borowa 85, 41-253 Czeladź, Poland (Manufactured in Serbia) 2.3. The product complies with standards: EN 60335-1; EN 60335-2-73; EN 62233; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3 2.4. Electric heating element intended for users who need to heat / warm smaller living spaces, bathrooms, rooms... and also users who use towel dryers.

A 3.GENERAL SAFETY MEASURES 3.1. WARNING: Read these instructions carefully. 3.2. WARNING: Follow the prescribed instructions throughout the entire use of the product.

3.3. Keep the original product packaging during the warranty period. 3.4. The electric heating element with thermostat GT / GTX is an electrical device intended for installation exclusively into radiators and towel dryers. Any other use is prohibited and potentially dangerous. 3.5. The electric heating element can be used separately for electric heating or in a central heating system (combined heating), when the rest of the system is turned off (e.g. during off-season). It should not be used when central heating is active. 3.6. The electric heating element must not be installed into the radiator using fittings, outside the radiator, such as pipes, etc. 3.7. The electric heating element is not intended for installation into steel panel heating elements (or other radiators that do not have a collector pipe into which the heating element can be easily installed). 3.8. The radiator in which the heating element is installed must be filled exclusively with clean (distilled) water or a mixture of water and antifreeze (water + glycol). 3.9. THE USE OF OIL FOR FILLING RADIATORS IS PROHIBITED. 3.10. THE ELECTRIC HEATING ELEMENT SHOULD NOT BE USED IF IT IS NOT COMPLETELY SUBMERGED IN WATER. 3.11. For optimal operation and heating effects, it is very important to choose the radiator correctly. 3.12. The power of the heating element must not exceed 70% of the radiator's heating capacity. Information about the radiator's heating capacity can be found in the instructions provided with the radiator or contact the distributor or radiator manufacturer. 3.13. Installation / dismantling and selection of the heating element should be carried out by a qualified person. 3.14. DANGER: Connect to the electrical socket only as specified by the manufacturer. 3.15. Do not use accessories or adapters to connect the heating element to the power supply. 3.16. All devices to which the electric heating element is connected must meet the requirements set by law and the relevant regulations valid in the country where the electric heating element is installed. 3.17. WARNING: The heating element must be connected to the installation via a socket with protective earthing (PE). 3.18. When connecting the electric heating element to the electrical installation, ensure that the circuit has a differential protection switch with sensitivity 30 mA and sufficient overcurrent protection. 3.19. For electrical connections without plugs in the heating circuit, ensure a multipole switch for all poles with a minimum contact distance of 3 mm. 3.20. WARNING: EI. The heating element must not be mounted in zones 0 and 1. EI. The heating element must be at least 60 cm away from the edge of the bath, sink, kitchen sink, or shower for full protection against the risk of electric shock. FIGURE 1.

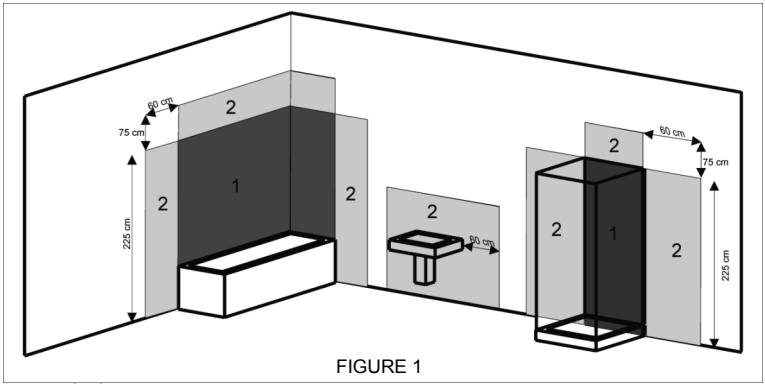


FIGURE 1

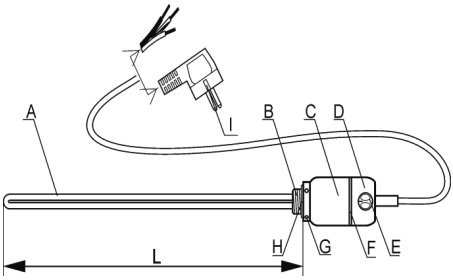
3.21. WARNING: Some parts of the radiator may be hot and cause burns. Special attention is necessary when ordering if children or persons with special needs are present. 3.22. For the safety of small children, install the radiator so that the bottom pipe of the radiator is at least 600 mm from the floor. 3.23. NOTE: Do not forget the temperature of the radiator if you use it to dry textile items. 3.24. WARNING: The thermostat must not be covered and must be at least 400 mm away from flammable objects and materials. 3.25. WARNING: Do not press on the thermostat or attach any objects to it. Mechanical damage to the thermostat and electric shock may occur. 3.26. WARNING: The heating appliance is not intended for use by persons (including children) with reduced physical mobility, sensory sensitivity or mental capacity or persons without experience or knowledge of the device, unless they are under supervision or in accordance with the instructions for use provided by persons responsible for their safety. 3.27. Children must not play with this appliance. 3.28. The electric heater must not be cleaned or maintained by children without proper supervision. 3.29. Do not disassemble or modify the product, nor install or use it in a way that is not in accordance with the manufacturer's instructions and recommendations. Service and warranty do not apply to interventions in the product or to installation and use that are not in accordance with the installation instructions. 3.30. Follow the given instructions when installing and using the product. 3.31. Further technical data and requirements can be obtained from the manufacturer. 3.32. If you have any doubts about the correctness of the device or lack of information, do not install or use the heater, but contact the manufacturer / distributor. 3.33. The manufacturer is not liable for any consequences arising from non-compliance with this manual. 4. TECHNICAL

CHARACTERISTICS:

1. Model
2. Supply voltage
3. Heating element power
4. Temperature control range
5. Connecting cable
6. Thermal protection
7. Connection
8. Insulation class
9. Weight (g)
10. Length, L (mm)

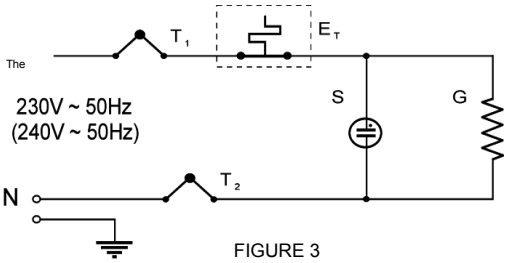
1	GT/GTX150	(GT/GTX300)	GT500	GT/GTX600	GT/GTX900	GT1200
2	230V~50Hz	230-240V~50Hz	230-240V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
3	150	300	500	600	900	1200
4	5 - 65 C +/- 5°C					
5	OMY 3x0,75"					OMY 3x1"
6	94°C					
7	G1/2"					
8	I					
9	384	389	404	404	424	468
10	300	305	360	360	410	460

4.1. Description of the heating element A. Heating element B. Mounting thread of the heating rod ½" C. Thermostat cover D. Potentiometer cover E. Control F. Light indicator G. Installation - mounting key S H. Sealing ring



I. Plug

FIGURE 2



T1,T2 - thermal fuses

E, - electronic thermostat

S - signal lamp G - heating element

FIGURE 3

5. INSTALLATION AND 5.1. SAFETY REQUIREMENTS

5.2. The installation and connection of the heating element must be carried out only by a qualified person. 5.3. Before installation, check whether the heating element is visibly damaged. 5.4. The radiator must not be installed under or above an electrical socket.

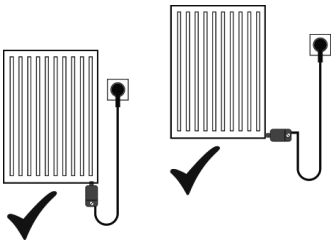


FIGURE 4 - CORRECT

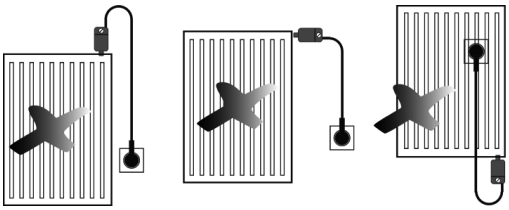


FIGURE 5 - WRONG

5.5. The heating element must be mounted exclusively in the lowest part of the radiator (figure 4, figure 5). 5.6. The heating element is intended for direct installation into radiators and towel dryers filled with distilled water or a mixture of water and antifreeze. 5.7. The radiator should not be filled with liquid more than 90% of its volume or more than 92% of its height. 5.8. If the heating element is used in a radiator that is part of a central heating system, always leave one upper valve open. 5.9. The heating element must not be operated dry - there is a risk of burns and damage to the fuse. 5.10. Connect the heating element to the correct electrical socket (see technical data and GENERAL SAFETY MEASURES). 5.11. Comply with the regulations regarding safety zones in the bathroom. 5.12. Do not allow the cable to touch parts of the heating element and radiator.

5.13. Do not open the cover of the heating element - any damage to the heating element represents a risk and invalidates the warranty.

5.14. INSTALLATION PROCEDURES 5.15. Mount the heating element in the lowest part of the radiator on the left or right side. If the radiator is part of a central heating system, drain the radiator into which the heating element is installed. Unscrew the plug on the lower pipe, insert the heating element into the pipe and gently screw it in (figure 6, figure 7)

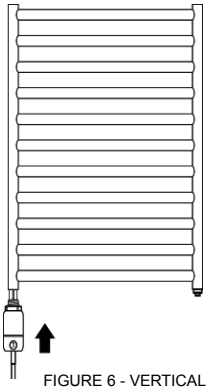


FIGURE 6 - VERTICAL

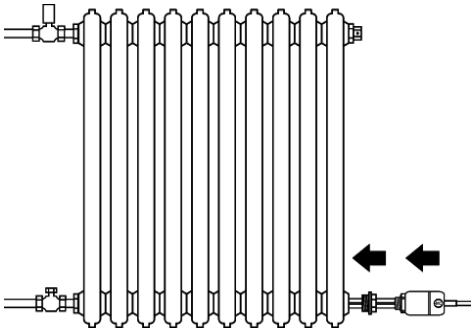
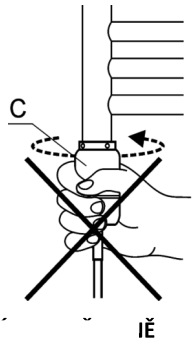


FIGURE 7 - HORIZONTAL

A 5.16. WARNING: The heater has a 1/2" threaded seal, no other applicable elements or materials for sealing the threads.



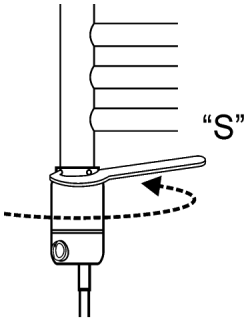


FIGURE 9 - CORRECT

A5.17. NOTE:

Do not fully switch on the heating element. FIGURE 8.

Using the supplied key "S" (supplied with the heater), insert the holes into the heater holder, tighten firmly holder, until the heater holder is connected to the radiator, FIGURE 8 - WRONG, FIGURE 9

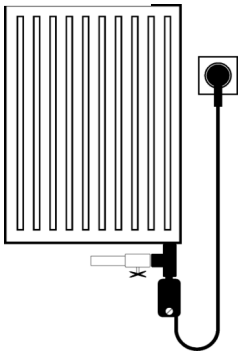


FIGURE 10

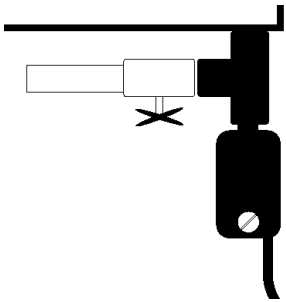


FIGURE 11 - DETAIL

5.18. For radiators connected to a central heating system

Install the heating element using a T-piece (figure 10, figure 11). 5.19. Fill the radiator with distilled water or a mixture of water and antifreeze to a level of 90% volume or approximately 8% below the top part of the radiator (figure **12).**

8%, 22°C

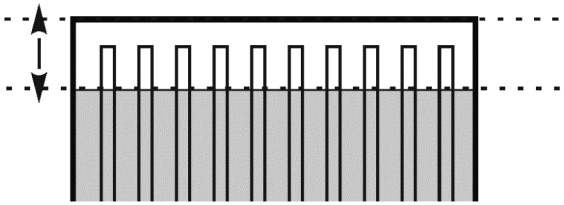


FIGURE 12

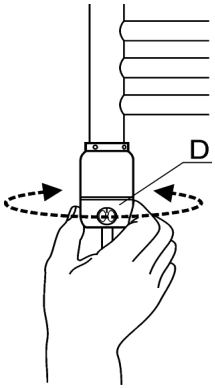


FIGURE 13

5.20. For horizontal installation, fill the radiator with water to a level approximately 2 cm below the top plug. 5.21. You can fill the radiator using the plug on the top of the radiator or using the valve of the central heating system. Make sure the valve at the bottom of the radiator is closed throughout. 5.22. Filling should be done slowly to prevent air from accumulating in the radiator. 5.23. Place the temperature control knob in a visible area by gently rotating the cover to the left or right. FIGURE 13 5.24. Rotation of the thermostat is limited to less than 360°. 5.25. WARNING: Do not use force when rotating the body of the thermostat "D" if resistance is encountered; try rotating the cover to the other side. (Rotation of the thermostat cover is mechanically limited). 5.26. Check whether the plug on the top of the radiator is unscrewed or the top valve is unscrewed (if the radiator is part of the heating system). If you are sure you have installed the heating element according to the instructions and the radiator is sufficiently filled with water, you can connect the heating element to the power supply.

5.27. WARNING: The socket into which the heating element is connected must be grounded. 5.28. Turn the knob "E" to maximum and wait until the indicator "F" turns off. When the indicator turns off, the radiator will heat up to approximately 65 °C, you can now turn the plug in the upper part of the radiator or close the valve in the upper part of the radiator. A

5.29. WARNING: When heating the radiator for the first time, some of the liquid may flow out of the valve in the upper part due to expansion at a temperature higher than room temperature. This occurs if the radiator contains more than 92% of the volume of liquid. 5.30. Collect the excess fluid and continue with the installation. A 5.31. WARNING: Do not remove the plug from the radiator when it is hot and the fluid is under pressure. Disconnect the heating element from the power supply, let the radiator cool down completely, then remove the plug if necessary. 5.32. If you have followed the installation procedure according to the above instructions, the radiator is ready for use.

6. REMOVAL AND 6.1. SAFETY REQUIREMENTS

6.2. WARNING: Disconnect the heating element from the power supply before disassembly. 6.3. If the radiator is hot, wait until it cools down completely. 6.4. WARNING: If the radiator is hot, the system is under pressure; do not unscrew the plug or valve until the radiator has cooled down. 6.5. NOTE: A filled radiator can be very heavy; do not remove it from the brackets before emptying it. 6.6. DISASSEMBLY PROCEDURES 6.7. Disconnect the radiator from the power supply. 6.8. Let it cool down completely if it is hot. 6.9. Drain the radiator by screwing the valves on the radiator, if any, installing an appropriate container under the lower plug, gently unscrew the lower plug to allow the liquid to flow into the container, cz

then unscrew the upper plug as well, so the liquid can flow out more easily. Once all the liquid has drained from the radiator, use the button "S" to unscrew the heater from the radiator. 6.10. If you no longer use the heater, return it to the original packaging.

7.POUŽITÍ

A 7.1. SAFETY REQUIREMENTS

7.2. The heating element must be permanently connected to the appropriate power supply using the supplied cable. 7.3. Do not connect the heating element to the power supply until the correct installation of the radiator is completed. 7.4. WARNING: It is forbidden to use the heating element if it is not completely submerged in water. 7.5. Never switch on the heating element if the radiator is not filled with liquid. 7.6. Heating should not be tested from water. 7.7. For safety reasons, regularly check the device for damage. 7.8. WARNING: Do not use the heating element if the cable or thermostat housing is damaged. Disconnect the heating element from the power supply and contact the seller or manufacturer. 7.9. Replacement of the power cable must be carried out only by an authorized service center. 7.10. Do not cover - the thermostat housing must not be covered and must be at least 400 mm away from flammable objects and materials. 7.11. The radiator can be hot, so it is not suitable for use in areas where it could cause damage to the heating element or cause an electric shock or fire. 7.12. Ensure that children over 8 years of age and persons with special needs use the device under the supervision of an adult. 7.13. This device is not a toy. Make sure the appliance is out of reach of children.

7.14. OPERATING PROCEDURES 7.15. If you have installed the heating element according to the above instructions, it is ready for use. The temperature of the heater can be set as needed using the thermostat knob "E" (FIGURE 14)

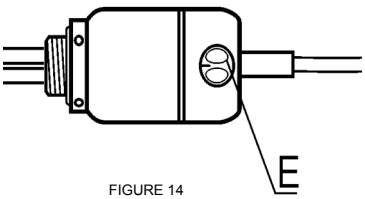


FIGURE 14

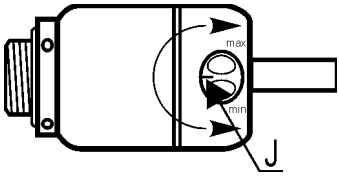


FIGURE 14.1

7.16. The "min" position of the button "E" ensures a minimum temperature in the radiator for frost protection. This position does not ensure the OFF state. If you want to completely remove the heating element from operation, disconnect it. The other numerical symbols on the controller indicate the approximate set temperature in the radiator. The maximum temperature in position "65" is approximately 65 °C, which depends on the type of radiator and ambient temperature.

-

! 7.16.1. WARNING! Blind and visually impaired persons may be oriented during temperature adjustment-

by the embossing on the controller knob "J" (FIGURE 14.1), it is known that the leftmost position is the minimum and the rightmost position of the controller is the maximum of the temperature range. A 7.17. NOTE: The temperature controller on the heating element does not control room temperature (it does not

room temperature sensor). The controller regulates only the water temperature in the radiator. 7.18. For towel drying, the recommended position of the controller is 55, while for room heating, the user can use the entire temperature range as needed. 7.19. The indicator light "F" will light up when the heating element is on - during heating of the heating element, when the heating element reaches the set temperature, the indicator light "F" will turn off.

7.20. If the radiator is too large (incorrectly selected), if the heated room is too large or too cold, the radiator may run continuously without turning off. You can confirm this by moving the controller to the "min" position (lowering the temperature) and the indicator light will turn off. A 7.21. WARNING: If the radiator is hot and the controller knob is not in the "min" position, it will cause the indicator light "F" to turn off-

turn off the signal light "F, disconnect the heating and consult an authorized service center or dealer.

A 7.22. WARNING: If you notice a liquid leak from the radiator, disconnect the heating element from power supply and check the liquid level in the radiator, otherwise it could cause damage to the heating element or textile items that may be on the radiator 7.23. During operation of a properly installed heating element, noise in the radiator may occur, which is considered normal and does not require intervention during the warranty period.

POSSIBLE PROBLEMS AND SOLUTION PROCEDURES:

PROBLEM	POSSIBLE CAUSE	SOLUTION
Heating element is on controller knob does not respond, sig. light does not light up.	Connection problems.	Check connection to the network.
Heating element is on the indicator light will light up in the position "min" controller.	Radiator is cold. Temperature of the radiator below 7 °C.	Wait until it heats up radiator.
Heating element is on the indicator light remains lit in position "65", when set to "min" the indicator light turns off.	The radiator is too large.	Replace the radiator with a smaller one.
Heating element is on the indicator light remains lit in all controller positions.	The radiator is not filled with liquid.	Disconnect the heating element from the power supply and check the liquid level in the radiator.
	Faulty thermostat	Disconnect the heating element from the power supply and call an authorized service center. Disconnect the heating element,
Liquid is leaking from the radiator only if the radiator is heated.	The radiator has overflowed with liquid.	wait until it cools down and repeat the procedure described in the chapter "INSTALLATION".
Liquid is leaking from the radiator, even if the radiator is cold.	Sealing error.	Disconnect the radiator from the power supply and check all connections.
When the indicator light is on, the radiator hear noise.	Mechanical vibrations caused by is heating the liquid, especially in water that is not deminerlized.	Problem that is not harmful.
If the problem persists, contact the nearest authorized service center or distributor		

8. MAINTENANCE ! 8.1. SAFETY REQUIREMENTS

8.2. Equipment service and repairs should be carried out only by an authorized service provider or qualified person. 8.3. If you notice any damage to the unit, disconnect the heating and contact the nearest

authorized service center. 8.4. Children under 8 years may clean the heating element only under proper supervision. 8.5. WARNING: BEFORE ACCESSING any maintenance of the device, turn off the heating element from the network and wait until the radiator is completely cooled down.

8.6. MAINTENANCE PROCEDURE 8.7. The following checks should be carried out regularly, every 3 months or at the beginning of the heating season:

8.8. Check whether the radiator is properly filled with water. 8.9. If you find that the liquid is missing, refill the radiator and check for fluid loss. 8.10. Remove dust from the thermostat cover with a damp cloth (use a mild cleaning solution in water). 8.11. Regularly clean the radiator from deposits with a damp cloth (use a mild cleaning solution in water).

9. PROTECTION OF THE ENVIRONMENT



9.1. Old electrical appliances contain valuable and difficult to decompose materials, and therefore should not be disposed of with household waste. 9.2. Actively contribute to the protection of natural resources and the environment and hand over your old appliance to appropriate places for disposal.

9.3. Information about collection points for device disposal can be obtained from the local office, seller or



sales point where you purchased the device. 9.4. Packaging materials are selected with regard to the environment, and therefore are recyclable. 9.5. Thank you for actions that support the environment

Warranty Statement

Výrobce zaručuje:

Faultless operation of the electric heating element, if the conditions of operation and installation are met. The warranty starts on the day of purchase

product, signature of the -which is confirmed by the warranty card with the date, stamp and seller.

Záruka se nevztahuje:

-on electric heating elements repaired by an unqualified person -on electric heating elements damaged due to faulty electrical installation or faults caused by overvoltage in the distribution system. -on electric heating elements mechanically damaged by the user. Selection of the power of the electric heating element - the manufacturer recommends that the power of the electric heating element should reach a maximum of 70% of the heating power of the radiator in which the electric heating element will operate.

Operating Instructions for the Heating Element GT/GTX 16092019

1. IDENTIFICATION OF THE OPERATING INSTRUCTIONS

1.1 Heating Element Code-GTGTX13052020EX 1.2. Manufacturing Date-13.05.2020 1.3. Publisher Name - TRI O Arandelovac

2. PRODUCT IDENTIFICATION

2.1. HEATING ELEMENT TYPE GT/GTX WITH THERMOSTAT FOR RADIATORS Models GT/GTX 150, 300, 500, 600, 900, 1200 2.2. MANUFACTURER: CINI Sp. zo.o. Borowa 85, 41-253 Czeladź, Poland (Manufactured in Serbia) 2.3. The product complies with the following standards EN 60335-1; EN 60335-2-73; EN 62233; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3 2.4. The heating element is an electrical device for heating / warming smaller living rooms, bathrooms, storage rooms, and for users who use towel dryers. 1! 3. GENERAL SAFETY MEASURES

3.1.WARNING: Read the enclosed operating instructions carefully 3.2.WARNING: Keep the enclosed operating instructions as long as the product is in use 3.3.Keep the original packaging of the device for the duration of the warranty period 3.4. The heating element GT/GTX with electronic thermostat is an electrical device intended exclusively for use in bathroom radiators and towel dryers. Any other use is prohibited and potentially dangerous. 3.5. The heating element may be used as an electrical element alone or in a central heating system only when the rest of the system is turned off (e.g. in summer). It should not be used when the central heating is turned on. 3.6. It is prohibited to install the heating element in devices other than radiators, such as pipes, conduits, etc. 3.7. The heating element is not intended for installation in flat radiators (or other radiators that do not have a collecting pipe into which the heating element can be easily installed). 3.8. The devices in which the heating element is to be installed must be filled exclusively with clean (distilled) water or with a mixture of water and antifreeze (water + glycol). 3.9. THE USE OF THERMO-OIL TO FILL THE HEATING DEVICES IS PROHIBITED. 3.10. THE DEVICE MUST NOT BE USED IF THE HEATING ELEMENT IS NOT COMPLETELY SUBMERGED IN LIQUID. 3.11. For optimal operation of the radiator and optimal heating effect, the correct selection of the heating element is important. 3.12. The heating power of the heating element must not exceed 70% of the power of the radiator / dryer. Information on radiator power can be found in the instructions enclosed with the radiator or contact the distributor or manufacturer. 3.13. The installation / removal of the heating element, as well as its selection, must be carried out only by qualified personnel. 3.14. DANGER: Connection to the socket must be done only in the way recommended by the manufacturer. 3.15. Do not use additional parts or adapters when connecting the heating element to the socket. 3.16. All installations to which the radiator is connected must meet the requirements set by law and the regulations valid in the country where the radiator is installed. 3.17. WARNING: The radiator must be connected to the installation via a socket with protective earthing (PE). 3.18. When connecting the radiator to the electrical installation, ensure that the circuit is equipped with a differential circuit breaker with a sensitivity of 30 mA and an appropriate overcurrent protection. 3.19. If the heating element is connected without a plug, an electrical switch must be used with a minimum distance of 3 mm between the electrical connections.

3.20. WARNING: Do not install the device in zones 0 or 1. The device must be located outside the reach of persons in the bathtub or under the shower. Figure 1

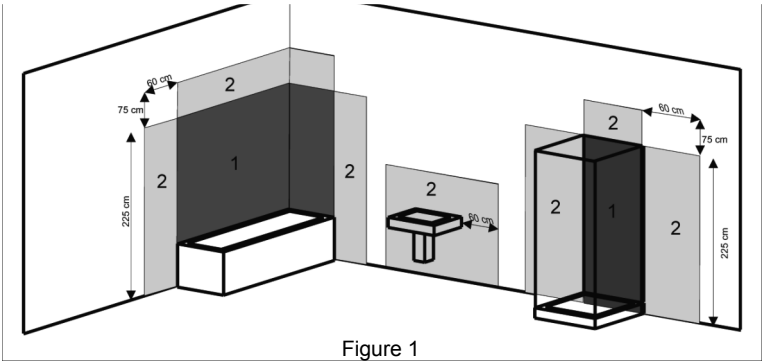


Figure 1

3.21. WARNING: Some parts of the radiator can be hot and cause burns. Special attention should be paid to children and persons with physical or mental impairments. 3.22. For the safety of toddlers, we recommend installing the radiator so that the

outer pipe is at least 60 cm from the floor. 3.23. IMPORTANT: Pay special attention to the temperature when drying textiles. 3.24. WARNING: The housing of the heating element must not be covered and must be at least 40 cm away from flammable objects and materials. 3.25. WARNING: Do not attempt to tighten the device manually. Do not use force. This can mechanically damage the thermostat and cause an electric shock. 3.26. WARNING: The device may only be used by children aged 8 and older and adults with restricted physical, sensory or mental capabilities if they are supervised by another person, or have been instructed in precautions and safety measures, and understand the associated risks. 3.27. The device is not intended for children to play with. 3.28. Unsupervised children should not clean or use the device. 3.29. Any unauthorized modification of the heating element is strictly prohibited. Otherwise, the manufacturer is not responsible for the consequences and they will not be covered by service or warranty claims. Do not open the device housing - any tampering with the device constitutes a risk and voids the factory warranty. 3.30. Always follow the instructions when installing and using the heating element. 3.31. In case of further questions regarding the technical data, contact the manufacturer. 3.32. In case of doubts or insufficient information, the heating element must not be installed or used, but you must contact the manufacturer or distributor. 3.33. The manufacturer is not liable for consequences resulting from ignoring the instructions.

4. TECHNICAL DATA

1. Type of heating element	GT/GTX150	GT/GTX300	GT500	GT/GTX600	GT/GTX900	GT1200
2. Rated voltage	230V~50Hz	230-240V~50Hz	230-240V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
3. Heating element power 4. Temperature control	150	300	500	600	900	1200
5. Connection cable	5 - 65 C +/- 5°C					
6. Melting temperature	OMY 3x0,75²					OMY 3x1²
7. Thread of the heater 8. Protection class 9. Weight (g)	94°C					
10. Length (mm)	G1/2"					
	I					
	384	389	404	404	424	468
	300	305	360	360	410	460

4.1. The elements of the heater are listed in Figures 2 and 3. A - Heating element B - Housing C - Thermostat housing

D - Potentiometer housing E - Thermostat knob F - Indicator light

G - Key holder "S"

H - Rubber seal I - Plug

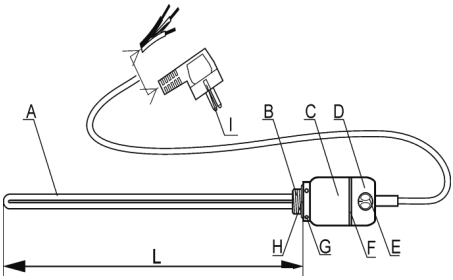


Figure 2

T1 - Temperature safety switch

T2 - Temperature safety switch E - electronic thermostat

S - Indicator light

G - Heating element

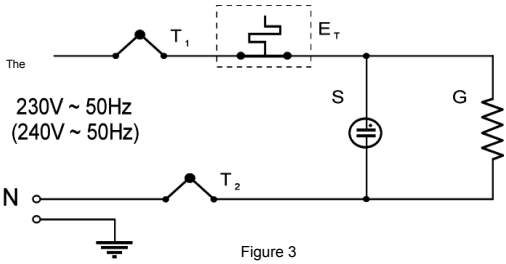


Figure 3

5. INSTALLATION

A 5.1. PRECAUTIONS

5.2. The installation of the heater should be carried out by a qualified person. 5.3. Before installation, check the device for visible damage. If any is found, the heater must not be connected to the power supply. 5.4. The heater must not be installed under or above an electrical socket. 5.5. The heating element is installed exclusively in the lowest radiator pipe. 5.6. The heater GT/GTX is intended for direct installation in bathroom radiators and towel dryers

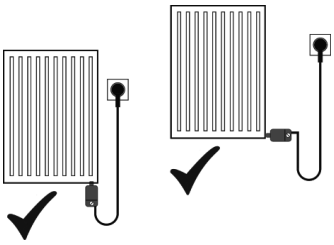


Figure 4 - CORRECT

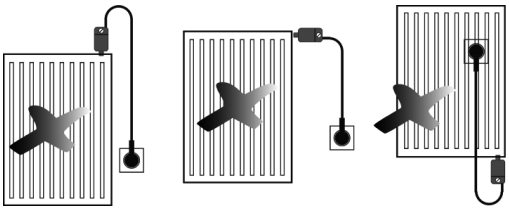


Figure 5 - INCORRECT

filled with water, or a mixture of water and antifreeze (water + glycol). 5.7. The radiator should not be filled more than 90% of its volume or more than 92% of its height, which is easier to measure. 5.8. If the heater is used for hot water preparation in a radiator connected to the central heating system, a valve at the top of the radiator must remain open during operation. 5.9. It is prohibited to connect the heater to the power supply if it is not fully submerged in water. 5.10. Connect the device to the correct electrical installation (see: technical data of the heating element) and GENERAL SAFETY MEASURES. 5.11. Observe the regulations regarding safety zones in the bathroom. 5.12. Do not let the power cord come into contact with the heater or the radiator.

5.13. Do not open the device housing - any manipulation with the device is a risk and voids the factory warranty. 5.14. INSTALLATION PROCEDURE 5.15. Install the heating element in the lower part of the radiator on the right or left side instead of the blind plug ½". If the radiator is connected to the central heating system, it must be drained. Unscrew the plug in the lower pipe of the radiator and insert the heating element. Carefully screw the heating element in place of the plug. Refer to figures 6 and 7.

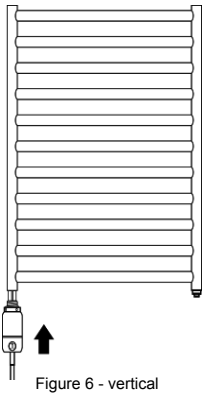


Figure 6 - vertical

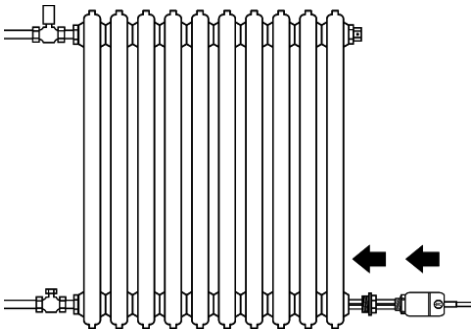


Figure 7 - horizontal

A 5.16. ATTENTION: The heating element has a ½" thread. Do not use additional sealing elements. A 5.17. The element must not be tightened by hand. Figure 8

The wrench "S" (included in the scope of delivery of each device) is used to screw in the heating element. After installation, the clamp must be removed. Figure 9

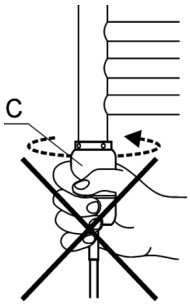


Figure 8 - incorrect Usage

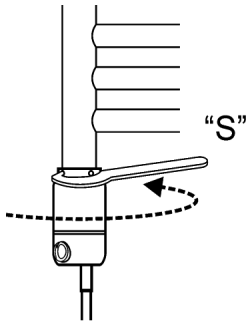


Figure 9 - correct Usage

5.18. For radiators that are connected to the central heating system, the heating element can be screwed in using a T-piece after you have become familiar with the instructions Figures 10 and 11 5.19. Fill the radiator with distilled water or a mixture of water and antifreeze up to 90% of its volume, or approximately 8% below its height. Figure 12

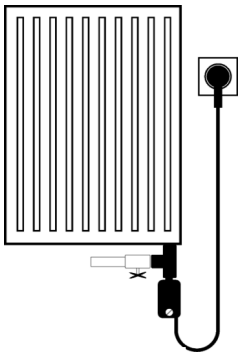


Figure 10

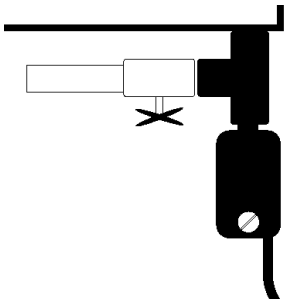


Figure 11 - Details

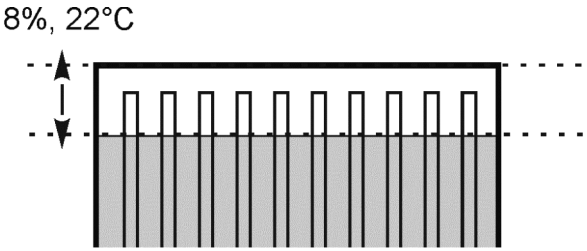


Figure 12

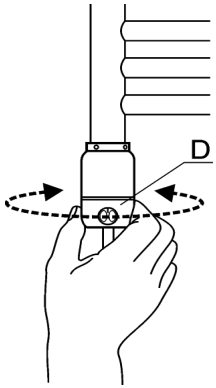


Figure 13

5.20. For horizontal installation, fill the radiator with liquid up to max. 2 cm below the upper plug of the radiator. 5.21. The radiator can be filled through the upper opening or through a valve in the central heating system must be filled with liquid, ensuring that the lower openings of the radiator are always closed. 5.22. Filling should be done very slowly to avoid air in the radiator. 5.23. The indicator light and the thermostat knob should be adjusted by rotating the housing from the potentiometer to a suitable position. Figure 13 5.24. The rotation of the housing is limited to less than 360°. 5.25. IMPORTANT: The element can be tightened manually by holding the plastic housing of the heating rod "D". If you feel resistance, try rotating the housing to the other side. (Rotation of the thermostat housing is mechanically limited.) 5.26. When installing the heating rod and connecting it to the power supply, ensure that the ventilation opening on the top of the radiator is always open (if the radiator is connected to the central heating system). If you are sure the heating element is installed according to the instructions and the radiator is completely filled with liquid, you can connect the radiator to a power source. 5.27. IMPORTANT: The socket to which the plug is connected must be grounded. 5.28. Turn the thermostat knob "E" to the maximum temperature and wait until the indicator light "F" turns off. When the light turns off, the radiator is heated to 65°C, and you can then close the valve on the top of the radiator. 5.29. IMPORTANT: During the first use of the radiator, liquid may exit from the upper open opening of the radiator (ventilation), which can be caused by the temperature difference between the liquid in the radiator and the room temperature. This can happen if the radiator is filled with more than 92% of its volume. 5.30. Eliminate the leak and continue with the installation. A 5.31. CAUTION: Do not open the ventilation when the radiator is warm, as the liquid is under pressure. Disconnect the radiator from the power grid, wait until it has completely cooled down, and if necessary, open the ventilation. 5.32. If the heating rod is installed according to the instructions, the radiator is ready for operation

6. DISASSEMBLY A! 6.1. SAFETY MEASURES

6.2. WARNING: Disconnect the device from the power supply before installing the heating element. 6.3. If the radiator is hot, let it cool down completely. 6.4. WARNING: It is prohibited to open the plug and the air vent when the radiator is warm, as the system is under pressure. 6.5. IMPORTANT: A filled radiator can be very heavy. Therefore, do not remove it from the wall before emptying it.

6.6. DISASSEMBLY PROCEDURE 6.7. Disconnect the device from the power source. 6.8. If the radiator is warm, let it cool down. 6.9. Empty the radiator by opening the upper valve of the radiator, placing a container under the radiator, and carefully opening the lower valve. Let all the liquid drain into the container and then slowly open the upper valve of the radiator. When the radiator is empty, unscrew the heating element using the clamp wrench "S". 6.10. If the heating element is disconnected, place it in the original packaging.

7. USAGE A! 7.1. SAFETY MEASURES

7.2. The heating element must be permanently connected to the correct electrical installation using the supplied cable. 7.3. Do not plug the heating element into an outlet if the installation of the radiator has not been properly carried out. 7.4. WARNING: It is prohibited to connect the heating element to the power source if it is not completely submerged in water. 7.5. Never turn on the heating element if the radiator is empty. 7.6. The heating element must not be tested without water. 7.7. For safety reasons, regularly inspect the device and check for damage. 7.8. WARNING: Check whether any visible parts of the heating element (cable, housing) show signs of damage; if such damage is noticed, the device must not be switched on. Immediately contact the manufacturer or distributor. 7.9. The power cable must be replaced by an authorized person. 7.10. DO NOT COVER - The housing of the heating element must not be covered and must be at least 40 cm away from flammable objects and materials. 7.11. When the maximum temperature is set, the radiator can become hot, therefore it is not suitable for use in places where it could pose a danger (e.g., where children may be unsupervised by adults). 7.12. Ensure that children under 8 years of age and adults with physical, sensory, or mental impairments operate the device under supervision. 7.13. This device is not a toy. Ensure that the device is out of reach of children. 7.14. USAGE PROCEDURE 7.15. If the heating element is installed according to the above instructions, the device is ready for operation. It was designed to be easy to operate. The desired temperature is selected by rotating the thermostat knob "E" on the housing of the heating element. Figure 14

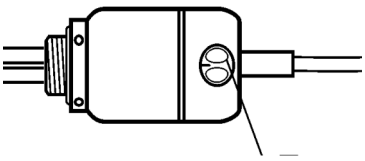


Figure 14 \E

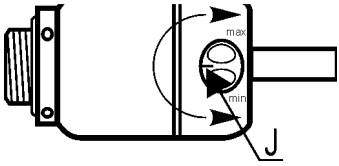


Figure 14.1

7.16. The position "min" on the housing of the potentiometer "E" ensures a minimum temperature to protect the liquid from freezing. This does not mean that the heating element is not working. If you want to switch off the heating element completely, disconnect it from the power source. The further symbols on the thermostat housing indicate the selected temperature of the radiator. The maximum temperature at position "65" is approximately 65 °C, depending on the type of radiator and ambient temperature.

^

, 7.16.1. ATTENTION: Blind and visually impaired persons can regulate the temperature thanks to the highlighted part on the button on the housing of the potentiometer "/". (Figure 14.1.) Turning the knob to the left until it stops means selecting the minimum temperature, and turning the knob to the right until it stops means selecting the maximum temperature 7.17. IMPORTANT: The heating element does not have an external room temperature sensor. The device only regulates the temperature of the liquid in the radiator. 7.18. When drying textiles, the recommended heating temperature is 55 °. When heating a room, however, the user can use the entire available temperature range. 7.19. The indicator light "F" lights up when the heating element is switched on (when the radiator is heating up). When the heating element reaches the selected temperature, the indicator light goes out. If the ambient temperature is lower, the heating element heats for a longer time. 7.20. If the radiator is too large (incorrectly selected), if the room is too large or the ambient temperature is too low, the heating element works continuously without turning off. You can confirm this by setting the control knob to "min" (lower the temperature) and the signal lamp goes out. A! 7.21. IMPORTANT: If the radiator is warm and setting the thermostat housing to the position "min" does not cause the indicator light "F" to go out, disconnect the heating element from the power supply and contact an authorized service center or the

distributor.

POSSIBLE PROBLEMS AND SOLUTIONS

PROBLEM	POSSIBLE CAUSE	SOLUTION
The heating element is on, the housing of the potentiometer does not respond, the lamp is off	Connection problems	Check the connection to the power supply
The heating element is on, the Indicator light on the housing of potentiometer shows the position "min" yes	.The radiator is cold, its Temperature is below 7 ° (	Wait until the Radiator has heated up
The heating element is switched on, the indicator light on the housing of The potentiometer constantly shows the Position "65". If the temperature is set to "min", the light goes out	The radiator is too large	Replace the radiator with a smaller one. Reduce the temperature on the housing
The heating element is switched on. The indicator light is on at every position of the potentiometer continuously.	The radiator is not connected to filled with liquid	Disconnect the radiator from the power source and check the liquid level
	The thermostat is functioning not	Disconnect the radiator from the power supply and contact an authorized service center.
The liquid flows out of the remove the radiator only if it Radiator in operation is	The radiator is connected to Liquid overfilled.	Disconnect the radiator from power grid, wait until it is safe has cooled down and carry out the INSTALLATION PROCEDURE again through.
The liquid flows out of the remove the radiator if it is not in operation is	sealing issue	Disconnect the radiator from the power source and check all connections
If the indicator light is on, hear a noise from the radiator	Mechanical vibrations caused by by the heating up of liquid may be caused, especially in the water, which is not demineralized.	A harmless phenomenon. If it is disturbing, the remove the heating element, it carefully from the radiator remove and disassemble. Remove the radiator fill with a mixture of distilled water and antifreeze.

If the problem recurs, contact an authorized service center or a dealer.

/! 7.22. IMPORTANT: If you notice a leak in the radiator, disconnect the heating element from the power source and check the liquid level in the radiator. Otherwise, the radiator or the textiles located on the radiator may be damaged 7.23. During operation of a properly installed heating element, noises may occur, which are considered harmless phenomena and it is not necessary to start the warranty procedure.

8. MAINTENANCE /! 8.1. SAFETY MEASURES

8.2. Maintenance and repair of the device should be carried out by qualified personnel werden.

8.3. Before installation, check the device for visible damage. If such damage is noticed, the heating element must not be connected to the power supply. 8.4. Ensure that children under 8 years old are supervised when handling the device. 8.5. CAUTION: Before subjecting the device to maintenance, the radiator must be disconnected from the power source and allowed to cool down. 8.6. MAINTENANCE PROCEDURE 8.7. Regularly every 3 months, or before the start of the heating season, perform the following checks:

8.8. Check whether the radiator is filled with liquid. 8.9. If you find that the radiator is empty or the liquid level has decreased, refill the radiator and check for leaks. 8.10. Remove dust from the thermostat housing with a damp cloth (do not use aggressive liquids). 8.11. Regularly clean the radiator of excess dust with a damp cloth (do not use aggressive liquids).

9. ENVIRONMENTAL PROTECTION



9.1. Old electrical appliances contain recyclable and hard-to-decompose materials and should therefore not be disposed of as unsorted household waste. 9.2. Please actively contribute to the protection of natural resources and the environment and bring old electrical appliances to an appropriate disposal facility.

9.3. You can contact the local authorities, the distributor or the sales outlet where you purchased the electric immersion heater to find out more about the appropriate



disposal facilities. 9.4. The materials used for the packaging of our immersion heaters were selected for environmental reasons and are therefore recyclable. 9.5. Thank you for your support in protecting the environment.

Warranty statement

We declare:

That the product will work during the warranty period, if you use it in accordance with the instructions. The warranty period begins on the purchase date of the product, which you can prove with a certified warranty (with the stamp and date of purchase and signed by the seller).

The warranty is not valid in the following cases:

The repair was carried out by an unauthorized person. In the case of damage caused by an interruption of the power supply. In the case of mechanical damage. In the case of damage caused by incorrect handling. In the case of damage caused by incorrect installation of the unit. In the case when the heater is used to heat aggressive liquids.

If the heater is installed in a radiator that has less than the required heat output.

User manual GT/GTX 16092019



1. USER MANUAL IDENTIFICATION
1.1 Number - GTGTX13052020EX
1.2 Date -13052020
1.3 Publisher name – TRI O Aranđelovac

2. ITEM IDENTIFICATION

2.1. GT, GTX type heater with electronic thermostat for towel rails and bathroom radiators
Models GT/GTX 150, 300, 500, 600, 900, 1200
2.2. MANUFACTURER:

CINI Sp. zo.o. Borowa 85, 41-253 Czeladź, Polska (Made in Serbia) 2.3. The product complies with the standards EN 60335-1; EN 60335-2-73; EN 62233; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3 2.4. The immersion heater is an electrical device designed for users who need to heat smaller living spaces, bathrooms, pantries... as well as for users who use towel dryers.

⚠ 3.GENERAL SAFETY MEASURES

3.1 WARNING: Please read the instructions carefully 3.2 WARNING: Keep the enclosed instruction manual for as long as the product is in use. 3.3 Keep the product's original packaging for the duration of the warranty. 3.4. An immersion heater with an GT / GTX electronic thermostat is an electrical device intended for installation in radiators and towel dryers. Any other use is prohibited and potentially dangerous. 3.5. The heater can be used alone as an electrical element in the central heating system when the rest of the system is turned off (e.g. during summer). It should not be used when the central heating system is on. 3.6 It is forbidden to install the heating elements by fittings, outside the radiator, such as pipes, vessels etc. 3.7. The heater is not intended for installation in panel radiators (or other radiators that do not have a collector tube into which the heater can be easily installed). 3.8. For filling the radiators or towel rails, use only clean (distilled) water or a mixture of water and antifreeze (water + glycol). 3.9. It is FORBIDDEN to use THERMAL OIL to fill heating elements. 3.10 It is forbidden to use the heating element, unless it is completely immersed in the water. 3.11. For optimum operation and optimum heating effects, proper selection of the heater is very important. 3.12. The heater power must not exceed 70% of the radiator or towel rail power output. For information about the power, refer to the instructions supplied with the radiator or contact your

radiator distributor or manufacturer.

3.13. Assembling/disassembling of the appliance and the choice of radiator should be entrusted to a qualified person.

3.14. DANGER: Make the connection to the power outlet only in the manner suggested by the manufacturer.

3.15. Do not use attachments or adapters to connect the heater to the power source.

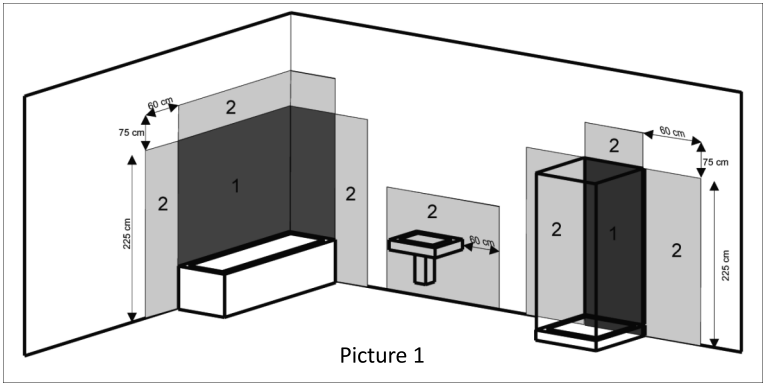
3.16. All installations to which the heater is connected must comply with the requirements prescribed by law and the relevant regulations in force in the country where the heater is installed.

3.17. WARNING: The outlet into which the unit is plugged must be grounded.

3.18 When connecting the heater to the electrical installation, ensure that the circuit has a differential protection of switch with a sensitivity of 30mA as well as adequate overcurrent protection

3.19. On an electrical outlet without plugs, ensure that the circuit of the heater has a multi-pole switch for all poles, with a minimum distance of 3mm at the contacts.

3.20. WARNING: Do not install the device in zones 0 or 1. The device must be out of reach of people in the bathtub or in the shower. Picture 1



Picture 1

3.21. WARNING: Some parts of the radiator may be hot and cause burns. Particular attention is required if children or persons with special needs are present.

3.22. For the safety of very young children, install the outside radiator tube at least 600mm away from the floor. 3.23. CAUTION: When drying fabrics, pay special attention to the temperature. 3.24. WARNING: The thermostat housing must not be covered and at least 400mm away from flammable objects and materials. 3.25. WARNING: Do not try to tighten the unit by hand. Do not act by force. Mechanical damage to the thermostat can result, as well as electric shock. 3.26. WARNING: The equipment may be used by children from 8 years and adults with limited physical, sensory and mental ability only if they are under the care of another person or have been instructed about precautions and safety and understand the dangers involved. 3.27. The device is not intended for play by children. 3.28. Appliances are not allowed to be cleaned and be subjected to customer maintenance by children, without proper supervision. 3.29. Do not disassemble or modify the product, as well as any installation or use that does not comply with the manufacturer's instructions and recommendations. Do not open the device housing - any interference with the device poses a risk and makes the factory warranty void. 3.30. When assembling and using, be sure to follow the instructions given. 3.31. If you have additional questions about technical data, please contact the manufacturer 3.32. In case of any doubts or insufficient information, do not install or use the heater, but contact the manufacturer or distributor. 3.33. The manufacturer is not responsible for the consequences resulting from non-compliance with this manual.

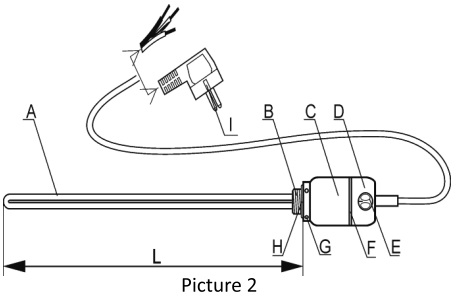
4. TECHNICAL DATA

1. Model
2. Electric power supply
3. Heater power
4. Temperature control range
5. Connection cable
6. Thermal fuse
7. Mechanical connection
8. Insulation class
9. Weight (g)
10. Length (mm)

	GT/GTX150	GT/GTX300	GT500	GT/GTX600	GT/GTX900	GT1200
2	230V~50Hz	230-240V~50Hz	230-240V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
3	150	300	500	600	900	1200
4	5 - 65 C +/- 5°C					
5	OMY 3x0,75"					OMY 3x1"
6	94°C					
7	G1/2"					
8	I					
9	384	389	404	404	424	468
10	300	305	360	360	410	460

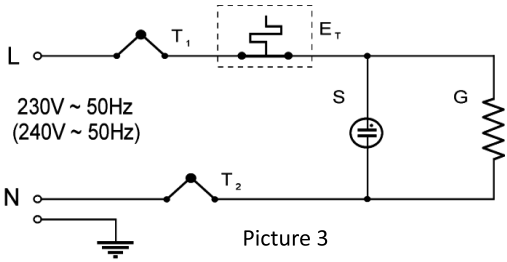
4.1. DEVICE ELEMENTS are shown in **pic. 2 and 3**

A. the heater
B. the heater bracket
C. thermostat housing
D. potentiometer housing -(revolving cap)
E. potentiometer knob
F. indicator
G. holes for "S" clamp
H. sealing ring
I. electrical plug



Picture 2

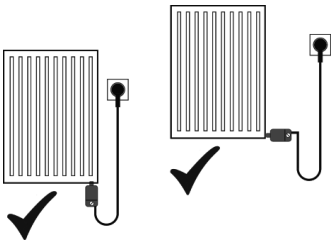
T1 – thermal fuse
T2 – thermal fuse
E_T – electronic thermostat
S - signal lamp
G – heater

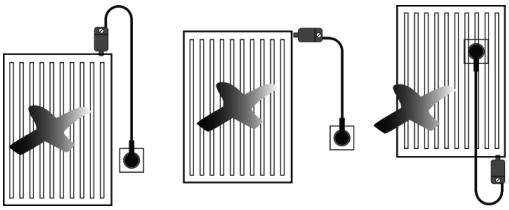


Picture 3

5. ASSEMBLY AND 5.1. SAFETY REQUIREMENTS

5.2. The installation of the unit should be entrusted only to a qualified person. 5.3. Before mounting the appliance, check for visible damage and if you notice any, do not connect the appliance to the power supply, and please contact the distributor or manufacturer. 5.4. The radiator must not be installed under or over the power outlet.


Picture 4 - CORRECT

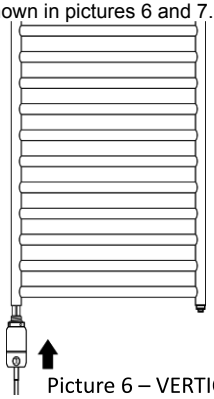

Picture 5 - WRONG

5.5. The heating element is mounted exclusively in the lowest radiator tube. 5.6. The heating element is designed for direct installation in bathroom radiators and towel dryers filled only with clean (distilled) water or a mixture of water and antifreeze (water + glycol). 5.7. The radiator should not be filled with liquid more than 90% of its volume or more than 92% of height, which is easier to measure. 5.8. If the heater is used to heat water in a radiator that exists in a central heating system, always leave one vent open at the top of the radiator during operation. 5.9. It is forbidden to connect the heater to a power source unless it is completely immersed in water. 5.10. Connect the device to the proper electrical installation (see technical data of the heating element and GENERAL SAFETY MEASURES). 5.11. Follow the regulations for bathroom safety zones.

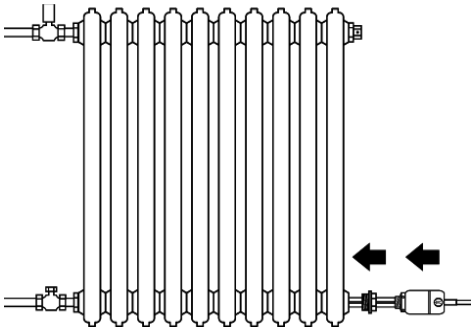
5.12. Do not let the power cord touch the heating element or radiator. 5.13. Do not open the device housing - any interference with the device poses a risk and voids the factory warranty.

5.14. ASSEMBLY PROCEDURE

5.15. Install the heating element in the lowest zone of the heater at the plug location ½" on the left or right side. If the radiator exists in a central heating system, empty the radiator. Unscrew the radiator cap on the lower tube, insert the heater into the tube and gently screw the heating element into place of the cap, as shown in pictures 6 and 7.



Picture 6 – VERTICAL

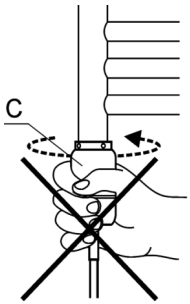


Picture 7 – HORIZONTALLY

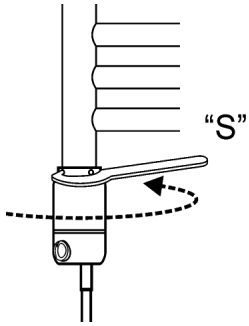
A 5.16. WARNING: The heating element has a seal ½". Do not use additional elements or materials to **seal the thread**

⚠ **5.17. CAUTION: Do not try to tighten the unit by hand. Picture 8**

The "S" clamp (coming with every unit) is used for tightening the unit, using the existing clamp holes on the heater bracket. Tighten the heater completely until the heater bracket and radiator are connected. Picture 9.



Picture 8 - Wrong assembling

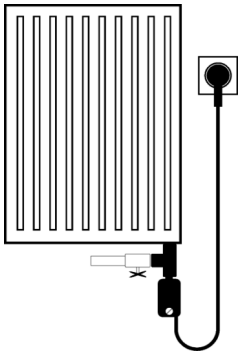


Picture 9 – Correct assembling

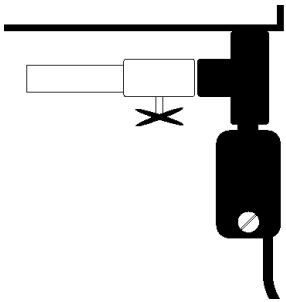
5.18. In radiators connected to the central heating system, heating element can be installed by using the T-piece according

to the assembly procedure. **Pictures 10 and 11**

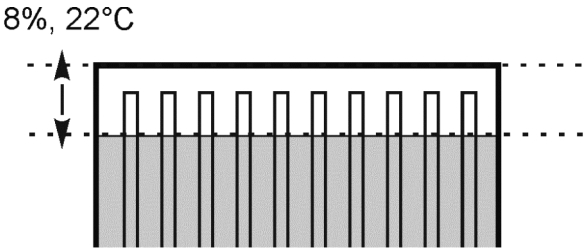
5.19. Fill the radiator with clean (distilled) water or a mixture of water and antifreeze up to 90% of its volume or approx. 8% lower than the radiator's top. **Picture 12**



Picture 10



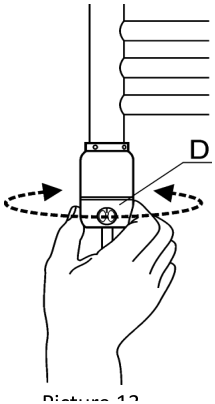
Picture 11 – Details



Picture 12

5.20. For horizontal installation, fill the radiator with water to a level approx. 2 cm below the top cap.

5.21. The radiator can be filled by the plug hole on the top of the radiator or by a radiator valve on the central heating system,



ensuring that the valve at the bottom of the radiator is closed all the time. 5.22. Filling should be done slowly to avoid retention of air in the radiator 5.23. After fitting the unit to the radiator, place the potentiometer housing into desired position by carefully turning it by hand. Picture 13 5.24. The housing rotation is limited to less than 360°. 5.25. CAUTION: Do not try to tighten the unit by hand, by turning the plastic cover. If it gives resistance, try turning the housing to the other side. (Thermostat housing rotation is mechanically restricted). 5.26. If the heater is used to heat water in a radiator that exists in a central heating system, always leave one vent open at the top of the radiator during operation. If you are sure that you have installed the heating element as instructed and if the radiator is completely filled with water, you can connect the heater to the power supply. 5.27. CAUTION: The power outlet, into which the heater is plugged, must be grounded. 5.28. Turn the knob "E" to maximum and wait for the "F" indicator to turn off. When the indicator turns off, the radiator is heated to approximately 65 °C, you can now turn the cap on the top of the radiator, or close the valve on the top of the radiator. 5.29. CAUTION: During the first heating of the radiator, some liquid may leak out from the open top cap due to the expansion of the liquid at a temperature higher than room temperature. This happens if you overfill the radiator over 92% of the volume. 5.30. Clean the leakage and continue the assembly.

⚠

⚠

⚠ **5.31 WARNING: Do not remove the cap from the radiator while the radiator is warm, the liquid is under pressure. Disconnect the heater from the power supply, allow the radiator to cool completely, then remove the cap if necessary.**

5.32. If you have completed the installation procedure in accordance with the above instructions, the radiator is ready for use.

6. DISASSEMBLY

⚠ **6.1 Safety requirements**

6.2. WARNING: Before mounting the appliance, disconnect it from the power source.

6.3. If the radiator is hot, allow the radiator to cool completely.

6.4 WARNING: When the radiator is warm, the system is under pressure, so you must not remove the cap or vent until the radiator has cooled down.

6.5 CAUTION: Filled radiator can be very heavy, do not take it off from the rack before emptying it. 6.6 DISMANTLING PROCEDURE 6.7 Disconnect the device from the power source. 6.8 If it is warm, allow the radiator to cool completely. 6.9. Empty the radiator by opening the valves of the radiator, if any, and put under the radiator some

box, gently unscrew the lower cap to allow the liquid to leak into the container, then open the upper cap as well, so that the liquid will drain out more easily. When the radiator will be empty, use the "S" clamp to unscrew the heating element from the radiator.

6.10. If the heating element is out of service, return it to its original packaging.

7.USING

⚠ 7.1. SAFETY REQUIREMENTS

7.2. The heating element must be permanently connected to the appropriate power supply using the cable provided. 7.3. Do not connect the heating element to the power supply before proper installation on the radiator is completed. 7.4. WARNING: It is forbidden to use the heater unless it is completely immersed in water. 7.5. Never turn on the heater when the radiator or towel rail is empty. 7.6. The heating element should not be tested without water. 7.7. For safety reasons, check the device regularly and check for damage. 7.8. WARNING: In case of the cable or the thermostat housing is damaged, the device must not be used. In this case, disconnect the device from the power source and contact the manufacturer or distributor. 7.9. Change of the connecting cable should be entrusted only to the qualified and authorized

person.

7.10. DO NOT COVER -The heater housing can not be covered and must be at least 400mm away from flammable objects and materials.

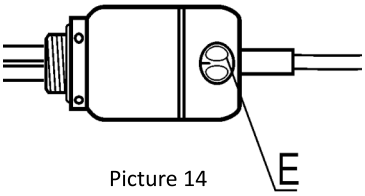
7.11. When the maximum temperature is reached, the radiator can be hot so it is not suitable for use in places where it may cause danger (eg. where unattended children may be present).

7.12. Ensure that children over the age of 8 and adults with limited physical, sensory and mental capabilities are supervised while using the device.

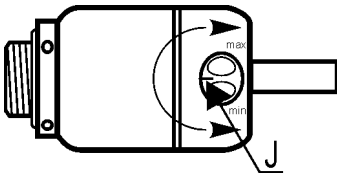
7.13. This device is not a toy. Make sure that the device is out of the reach of children.

7.14. USING PROCEDURE

7.15. If you have installed the heater according to the instructions above, it is ready for use. It is designed to be very easy to use. The temperature of the heater can be adjusted as needed by using the potentiometer button "E". **Picture 14**



Picture 14



Picture 14.1.

7.16. Position “min” in E button ensures minimum temperature which protect the water from frost. It does not mean that the heater is out of service. If you want to completely put the heater out of service, unplug it. Other numerical symbols on the potentiometer housing indicate the approximate temperature in the radiator. The maximum temperature at position "65" is about 65°C, which depends on the type of radiator and the ambient temperature.

⚠ **7.16.1 WARNING: Blind and weak-eyed persons, while adjusting the temperature, may be oriented by bulge on regulation knob “J” (picture 14.1.), so they will know that the end left position is minimum, and end right position is maximum of temperature range.**

⚠ **7.17. CAUTION: The temperature in the heater does not control the room temperature (does not have a room temperature sensor). The controller regulates exclusively the water temperature in the radiator.**

7.18. For drying towels, the recommended position of the controller is 55, while for heating the rooms the user can use the full range of temperatures as needed.

7.19. The "F" indicator light light when the heater is on - while the radiator is warming up, when the radiator reaches the desired temperature, the "F" light will turn off. If the ambient temperature is lower, the heating element will be longer activated.

7.20. If the radiator is too large (improperly selected), if the heated room is too large or the ambient temperature is too low, the heating element may work continuously without switching off. You can confirm this fact, by moving regulator knob to position “min” (lowering the temperature) and signal lamp will off.

⚠ **7.21. CAUTION: If the radiator is warm and fitting the potentiometer button to "min" position does not cause the "F" indicator light turn off, unplug the heater and consult an authorized service center or dealer.**

⚠ **7.22. CAUTION: If you notice that water is leaking from the radiator, unplug the heater from the**

Check the power supply and water level in the radiator, otherwise it may damage the radiator or fabric items that may be on the radiator. 7.23. During the operation of a properly installed heater, noise in the radiator may occur, which is considered to be a non-harmful occurrence and it is not necessary to intervene within the warranty period.

POSSIBLE PROBLEMS AND SOLUTIONS:

PROBLEM	POSSIBLE CAUSE	SOLUTION
The heating element is on, the potentiometer housing does not respond, the light is off	Connection problems	Check the connection to the power supply
The heating element is on, the indicator light illuminates in the "min" position or **the potentiometer housing**	T radiator is cold. l ts temperature is under 7°C.	Wait until the radiator heats up
The heating element is on, the indicator light illuminates constantly in the "65" position of the potentiometer housing potentiometer turn off	The radiator is too big	Replace the operator with a new one over the
The heating element is on. Signal light illuminates constantly in all positions of the potentiometer	The radiator is not immersed by	Disconnect the radiator from the power supply and
	Thermostat does not work	Disconnect radiator from the power supply and
Liquid only leaks from the radiator when	Radiator is overfilled with the liquid	Unplug the radiator, wait until it cool down and repeat the procedure in the section ASSEMBLING
Liquid leaks from the radiator even when the radiator is cold	Problem in sealing	Disconnect the heater from the power supply and Check sealing of all connections
While the indicator light is on, there is a noise in the radiator	Mechanical oscillations due to heating of the liquid, especially in water that is not demineralized	Non-harmful occurrence. If it is annoying, you can Disassemble the heater, gently separate the heating element pipes, re-install, and pour a mixture of distilled water and antifreeze into the radiator.
If the problem persists, contact your nearest authorized service or distributor		

8. MAINTENANCE

⚠ 8.1. Safety requirements

8.2. Service and repair of the device should be performed by qualified persons. 8.3. Before mounting the appliance, check for visible damage and if you notice, do not connect the appliance to the power supply. 8.4 Ensure that children over the age of 8 are supervised while using the device. 8.5. WARNING: BEFORE accessing any device maintenance, MUST disconnect the heater from the power supply and wait for the radiator to cool completely.

8.6 MAINTENANCE PROCEDURE

8.7. Before starting the heating season or periodically please follow the steps:

8.8. Check if the radiator is filled with liquid. 8.9. If you notice that liquid is missing, refill the radiator and check where the leakage is. 8.10. Remove dust from the thermostat housing with a damp cloth (do not use aggressive liquids). 8.11. Regularly clean the radiator from dust with a damp cloth (do not use aggressive liquids).

9 ENVIRONMENTAL PROTECTION



9.1. Old electrical appliances contain valuable and difficult to decompose materials and therefore should not be disposed of with municipal waste.

9.2. We encourage you to actively protect natural resources and the environment, and to hand over old electrical devices to reduce disposal points.

9.3. You can contact your local authorities, distributor, or the point of sale where you purchased the heating element for information about collection points for disposal of your device.



9.4. The packaging materials are selected from an environmental point of view and are therefore recyclable.

9.5. Thank you for the actions that support the environment.

Guarantee declaration

We hereby declare that :

The unit will operate within the guarantee period if you follow the given instructions. This warranty is valid from the date of purchase, as evidenced by the certified warranty (with the seal, date of purchase and seller's signature).

This Guarantee is void:

If the product was repaired by unauthorized persons.
In case of defects caused by various disruptions in the electric power supply.
In case of defects due to mechanical damage.
In case of defects due to misuse.
In case of defects due to installation carried out by unqualified persons.
In case that the heater is used for heating aggressive liquids.
In case that the heater is installed onto the heating element with heating power less than required.

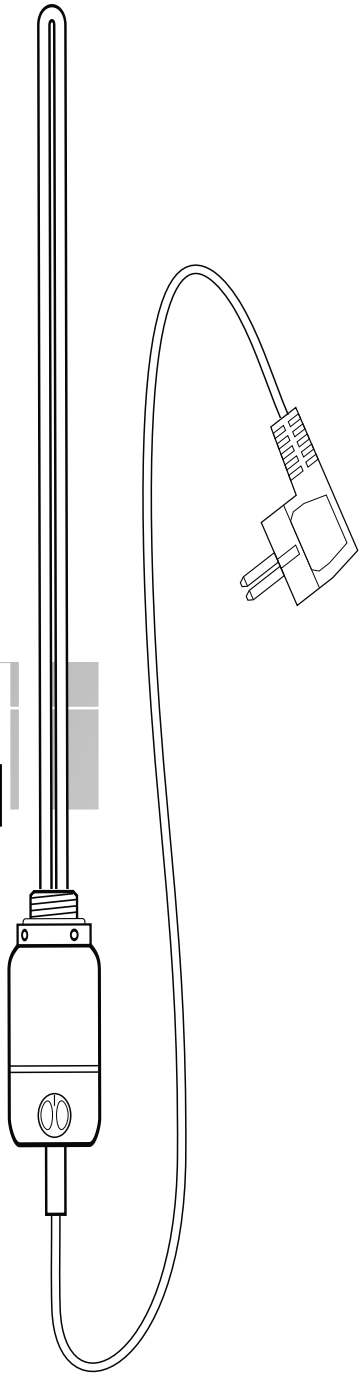
CINI Sp. z o.o.

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Czeladź Poland Tel: + 48 32
265 65 33 Fax:+ 48 32 265
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cini@cini.com.pl
www.cini.com.pl

GT/GTX Immersion Heater
with Electronic Thermostat
Electric heating element GT/
GTX with electronic thermostat

The heater with electronic

Thermostat Type GT/GTX GT/
GTX type Immersible Heater
with Electronic Thermostat



WARRANTY I N
WARRANTY

WARRANTY

GUARANTEE

CINI Sp. z o.o.
Ul. Borowa 85
41 253 Czeladź Polska
Tel: + 48 32 265 65 33
Fax:+ 48 32 265 30 37
e-mail: cini@cini.com.pl
www.cini.com.pl

PL

Warranty Statement

The manufacturer guarantees:
Reliable operation of the heater provided that
you follow the instructions in the operating and installation manual.
The warranty period begins on the day of purchase
of the product, which is confirmed by the warranty card with the seal
and the date of sale as well as the signature
of the seller.

Not covered by warranty:
Heaters that have been repaired by unauthorized persons
that have been damaged due to faulty

installation or during disturbances or interruptions in the power supply.

Heaters that have been mechanically damaged by

the power of the heater: the manufacturer recommends that the power of the heater
should be 70% of the radiator's power, in which the heater will operate.

CZ

Warranty Statement

Výrobce zaručuje:

Faultless operation of the electric heating element, if the following are met
operating and installation conditions. The warranty begins on the day
of the product, which is confirmed by the warranty card with the date
and the signature of the seller.

Záruka se nevztahuje:

-on electric heating elements repaired by unauthorized persons.

-on electric heating elements damaged due to faulty electrical installation or faults caused by overvoltage in
the distribution system.
-on electric heating elements mechanically damaged by the user.
Selection of the power of the electric heating element

-the manufacturer recommends that the power of the electric heating element should be at most 70% of the radiator's heating power, in which the electric heating element will operate.

DE

Warranty statement

We declare:
That the product will operate during the warranty period
will operate if you use it in accordance with the instructions
will be used. The warranty period begins from
Date of purchase of the product, which you can prove with an authenticated
warranty (with the stamp and date of purchase and signed by the seller).

Warranty is not valid in the following
cases:
The repair is carried out by unauthorized persons.
carried out. In the case of damage caused by interruption

of the supply of electric power.

In the case of mechanical damage. In the case of damage, caused by incorrect use-
ndlungverursacht.

Damage caused by incorrect installation of the unit.

In the case when the heater is used for heating aggressive liquids. If the heater is installed into the heating element with heating power less than required.

EN

Guarantee declaration

We hereby declare that :
The unit will operate within the guarantee period if you follow the given instructions.
This warranty valid from the date of purchase, as evidenced by the certified warranty (with the seal, date of purchase and seller's signature).

This Guarantee is void:
If the product was repaired by unauthorized persons.
In case of defects caused by various disruptions in the electric power supply.
In case of defects due to mechanical damage.
In case of defects due to misuse.
In case of defects due to installation carried out by unqualified persons.

In case that the heater is used for heating aggressive liquids. In case that the heater is installed onto the heating
element with heating power less than required.

Product

Výrobek

Product

Product

Serial no.

ciso series

Serial number

Serial No.

Date of sale

Date of sale

Date of sale

Date of purchase

Seller

Seller

Seller

Seller

Data naprawy

Repair date

Service date

Date of servicing

Rodzaj usterki

Fault type

Notes

Serviced part

Naprawiający

Repaired by

Service Diener

Servicing agent

Product

Product

Product

Seria nr.

Serial number

Serial number

Serial No.

Date of sale

Date of sale

Date of purchase Date of purchase

Seller

Seller

Seller

Seller

Data naprawy

Repair date

Service date

Date of servicing

Rodzaj usterki

Fault type

Notes

Serviced part

Naprawiający

Repaired by

Service Diener

Servicing agent

CINI Sp. z o.o.
Ul. Borowa 85
41 253 Czeladź Polska
Tel: + 48 32 265 65 33
Fax:+ 48 32 265 30 37
e-mail: cini@cini.com.pl
www.cini.com.pl

Product: Immersion heater with electronic thermostat

Product: Electric heating element with electronic thermostat

Product: The heater with electronic thermostat

Product: Immersible fixed heater with electronic thermostat

Type:
Тип:
Type:
Tip:

Serial number:

Serial number:

Serial number:

Serial No.:

Date, signature and stamp of the seller:

Date of sale Seal and signature of the seller:

Date, signature and stamp of the seller:

Date, signature and stamp of the seller:

Warranty period: 24 months

Warranty period: 24 months

Guarantee: 24 months

Guarantee period: 24 months