

• Posicione el selector de temperaturas en la posición de calentamiento deseado. El aparato está listo para ser usado nuevamente.

OBSERVAÇÃO: Si después del cambio de resistencia, el aparato todavía no calienta el agua normalmente, rehacer los pasos anteriores y si el problema persiste, llevar a un servicio de Asistencia Técnica Autorizada y si no hay, comuníquese con el fabricante de Servicio de Atención al Cliente, donde le será ofrecido las orientaciones seguras.

AVISO – TRABA AUTOMÁTICA DE SEGURIDAD: Para cambiar la resistencia, desconecte siempre el disyuntor. Para su seguridad, este aparato posee un sistema de seguridad para evitar el pasaje de corriente eléctrica a través de la resistencia en caso de falla del disyuntor.

7. Eventuais Problemas e Respectivas Soluções

PROBLEMA	CAUSA PROVÁVEL	SOLUÇÃO
El Grifo no calienta nada.	Disyuntor o llave general apagada. El Botón Selector de Temperaturas está en la posición "Apagada".	Accionar el disyuntor. Poner el Botón Selector en cualquier posición de calentamiento.
No sale agua del grifo.	Poca presión de agua. El registro está cerrado o hay aire en la tubería.	Verificar a altura mínima entre la caja de agua y el aparato. Abrir más el registro soltando más flujo de agua.
El grifo calienta poco.	Cableado inadecuado. Baja tensión eléctrica.	Consultar un profesional calificado para verificar si los conductores están de acuerdo con ele especificación de este manual. Consultar un profesional calificado para verificar si la tensión eléctrica está de acuerdo con los valores nominales 127 V~ ou 220 V~. Si fuera el caso, comunicar a su concesionaria de la región.
Diminución de presión/flujo de agua.	Presión/flujo de agua elevada. Atascamiento del aireador articulado provocado por la suciedad contenidas en el agua.	Disminuir la presión/flujo de agua através del registro. Hacer la limpieza conforme la especificación del punto 6 de este manual.
El disyuntor DR está desarmado.	Sistema de tierra inadecuado. Más de un aparato está conectado en el mismo circuito eléctrico del grifo.	Verificar so el sistema de puesta de tierra está de acuerdo con NBR 5410. Proporcionar un circuito eléctrico independiente y exclusivo para el grifo.
Grifo calienta mucho.	Poca presión/flujo de agua. El Botón Selector de Temperaturas está en su posición "Máxima".	Aumentar la presión/flujo de agua através del registro. Regular el Botón Selector para proporcionar una temperatura agradable.

8. Garantia

La presentación de la factura de compra del producto es esencial para obtener el derecho de garantía. En caso de que no haya en la región una asistencia técnica autorizado Sintex, póngase en contacto con el servicio de atención al cliente, por el teléfono (47) 3473-5555.

SINTEX garantiza este producto contra cualquier defecto durante un período de **12 meses**, incluyendo la garantía legal, desde la fecha de compra, excepto la resistencia que tiene la garantía legal de 3 meses.

- Esta garantía cubre exclusivamente la sustitución y/o reparo, sólo de las piezas que hayan sido comprobadas presentados defectos de fabricación o de material.
- Defectos por instalación incorrecta y/o inadecuada no están cubiertos por la garantía.
- La garantía será **automáticamente cancelada**, en caso que el aparato Sintex sufra daños causados por accidentes, uso inadecuado de la tensión eléctrica y sujeto a las fluctuaciones excesivas, o aun tiene marcas de violación y si ha sido ajustado o reparado por personal no autorizado.
- **El cable de instalación eléctrico**, así como los otros componentes del aparato SINTEX deben ser **sustituídos, solamente por el servicio de Asistencia Técnica Autorizada Sintex, para evitar los riesgos eléctricos.**

SINTEX no se responsabiliza por los daños causados al aparato y/o al usuario debido al incumplimiento de las normas de seguridad contenidas en este manual.

SINTEX se compromete a prestar los servicios de garantía mencionados arriba, eximiéndose, pero de responsabilidades extras, como:

- Riesgo y gastos de transporte, de seguro y/o de embalaje.
- Gastos generados con la instalación y desinstalación.
- En caso que el usuario, solicite la visita de un técnico de la Asistencia Técnica de SINTEX en su residencia, será cobrado el valor de una tasa de visita que será pago por el propio usuario.

ENGLISH

1 - Read Before Install

- The installation of this product must be performed by a qualified person.
- You must turn off the circuit breaker whenever you make an installation, maintenance or cleaning the device.
- Never connect other accessories or attachments not listed in this manual to this product.
- The device power cord and other components should be replaced by the manufacturer or an Authorized Service Provider to avoid risks. The user is only allowed to switch the heating element.
- This device can heat water to a temperature above what's suitable for use and may cause burns. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. Therefore, before and during the use of product you must take special precautions to properly regulate the temperature of the water.

2. Hydraulic Installation

2.1 - Preparação para a Instalação Hidráulica

For the appliance to function well, the height of the hydraulic installation point must be located at least 2 meters below the water tank. (fig. 1a, 1b).

Check if the water outlet fitting is level with wall or tile. If it is more than 4mm inside, use a brass or plastic extension. The latter does not come with this appliance.

If the wall fitting thread does not match the appliance thread (1/2" BSP), use a reduction bushing. The latter does not come with this appliance.

Before installing the appliance, open the valve and let a fair quantity of water flow, in order to remove possible dirt in the piping, and then close the valve.

! The inlet of water in this appliance has automatic pressure adjustment. Do not use a conventional pressure reducer. (fig. 2a - 2b)

2.2 Hydraulic Installation of the Appliance - WALL

- Apply 4 turns of thread sealing tape (in the direction of the threading) on the faucet nipple thread. (fig. 3)
 - Smoothly thread the body support in the wall hydraulic fitting, without using tools, until it is firm and with the water outlet positioned upwards (fig. 4). If necessary, another 4 turns of thread sealing tape must be applied.
 - Lock the nut and adjust the escutcheon to make the finishing with the wall. (fig. 5)
- How to proceed when the connection is loose:** Use a tool to rotate the fitting 180° with the nut firm until the assembly position to lock the unit.
- Insert the Sintex electronic faucet in the body support and fit the plastic lock. (fig. 6a, 6b, 6c)
 - Open the valve and let water run through the faucet until flowing normally by the spout before making the connection to the electrical network to avoid burning the resistor.
 - Check if there is leakage between the wall fitting and the product and then close the valve.

2.3 - Hydraulic Installation of the Appliance - ON THE COUNTER

- For the version on the counter, do not use the finishing (fig 7) and use a smaller escutcheon (fig. 8).
 - Position the body support in the balcony piercing so that the water outlet is forwards and the seal on the table. (fig. 8)
 - Thread the anchor nut until it is very firm without requiring the use of tools. (fig. 9)
- How to proceed when the connection is loose:** Use a tool to rotate the fitting 180° with the nut firm until the assembly position to lock the unit.
- Install the flexible coupling/threading one of the ends in the wall hydraulic fitting and the other in the body support thread. This flexible fitting does not come with the appliance.
 - Insert the Sintex electronic faucet in the body support and fit the plastic lock. (fig.11a, 11b, 11c)
 - Open the valve and let water run through the faucet until flowing normally by the spout before making the connection to the electrical network to avoid burning the resistor.

3. Electrical Installation

3.1 - Preparation for the Electrical Installation

! Before starting the electrical installation, disconnect the master switch or circuit breaker of the electrical circuit in which the Sintex electronic faucet will be installed.

- Ensure that the voltage of the Sintex electric faucet matches the voltage of the electrical network (127V~ or 220V~)
- Provide a direct, exclusive and independent line, from the energy distribution board, using appropriate conductors and circuit breakers as per the Technical Features table (on the back of the packaging). (fig. 12)
- For correct installation, connect the blue conductor of the product to the network neutral. Connect the white conductor (220V) and black conductor (127V) of the product in the network phase. Connect the green conductor of the product to the network grounding.
- Use single-pole circuit breaker in the phase wire 127V-and 220V- (phase-neutral)
- The Electronic Faucet 220V must not be installed in a three-phase network, using two phases of 110V.
- This appliance can be used with Differential Residual Device. To do so the water resistivity must be less than 2390 ohms x cm.

3.2 - Electrical installation of the appliance

- Position the temperature selector in the disconnected position (Disc.). (fig. 13)
- The connection box, or branch, must be situated 13 centimeters above the water outlet fitting in the wall. (fig. 14a, 14b)
- Never use plugs or sockets in the electrical installation of the appliance (fig. 15).
- Use appropriate connector (porcelain "sindal" type) to connect the cables of the electronic faucet to the supply wires of the electrical network. This connector does not come with the appliance. (fig. 16)

3.3 - Grounding

IMPORTANT FOR YOUR SAFETY: Never use the neutral wire as grounding.

To avoid electric shocks, connect the ground wire (green or green/yellow wire) of this appliance to a grounding system as per Brazilian Standard NBR-5410. The grounding system ensures your safety during the use of household appliances.

4. Operation and Control of Temperature

- Connect the master switch or circuit breaker of the electrical circuit in which the Sintex electronic faucet is installed.
- Open the water valve and select the temperature desired, the Sintex electric faucet connects automatically. To disconnect just close the valve. (fig. 17)
- If you prefer more or less water heating, just rotate the temperature selector to the position which most suits you.(fig. 18)
- **IMPORTANT: The electronic control allows the water temperature to be varied even during use, it not being necessary to disconnect the appliance to adjust the temperature.**

WATER SAVING: This appliance can generate reduction in water consumption by up to 50% due to the use of the articulated aerator.

5. Maintenance And Cleaning

! Before starting the cleaning, make sure to disconnect the master switch or circuit breaker of the electrical circuit in which the appliance is installed to avoid risks of accidents.

- Only use a dry or slightly moist cloth to clean the Sintex electronic Faucet.
- To clean the articulated aerator, only remove the lower part, eliminate the dirt using the jet of the faucet itself and assemble it again (fig. 19). Ensure that the seal is well fitted so that leakage does not occur.
- Dirt and residue contained in the water can impair the good functioning of the appliance. If the water supplied to appliance has such features, install devices/filters capable of preventing dirt and residue reaching the appliance. Ensure that such devices/filters do not jeopardize the minimum functioning pressure.
- Never alter the functional features of the appliance. They can only be evaluated and repaired by authorized technical assistance. The user is only allowed to change the resistor.

6. Changing The Resistor

- Check that the new resistor is compatible with the model (Electronic) and the voltage of the appliance in which it will be installed. (127V~ or 220V~).
- With the circuit breaker disconnected and the water valve closed, turn the temperature selector to the disconnected position.
- Loosen the locking screw located at the side of the appliance. (fig. 20)
- Rotate the upper unit of the Sintex electronic faucet in the counterclockwise direction to open it (fig.21).
- Be careful, as the water present inside the product will run and may wet objects present in the sink.
- Disconnect from the appliance the old resistor with a defect.
- Then, insert the new resistor in the position of the previous one.
- Replace the upper unit positioning the ground wire in the center of the unit and rotating it in the clockwise direction to close it.
- Fasten the locking screw in the side of the appliance.
- If necessary, loosen the Fastening Lock pulling it with the aid of a screwdriver or similar object.

IMPORTANT: With the temperature selector still in the disconnected position (Disc.), open the valve and let cold water run through the appliance until flowing normally, filling the heating chamber and avoiding burning out the resistor.

Position the temperature selector in the heating position desired. The appliance is ready to be used again.

NOTE: If after changing the resistor, the appliance continues to not heat the water normally, redo the aforesaid steps and, if the problem persists, take it to an Authorized Technical Assistance, or in they lack thereof, contact the manufacturer by the Customer Helpdesk, which will provide safe guidelines.

WARNING - AUTOMATIC SAFETY LOCK: When changing the resistor always disconnect the circuit breaker. For your safety, this appliance has a safety system which seeks to prevent the electrical current passing through the resistor if the Circuit Breaker fails.

7. Possible Problems And Respective Solutions

PROBLEM	PROBABLE CAUSE	SOLUTION
The Faucet does not connect.	Circuit Breaker or Master Switch disconnected. Temperature Selector Button is in the "Disconnected" position. Little water pressure.	Activate the Circuit Breaker. Place the Selector Button in any heating position. Check the minimum height between the water tank and the appliance.
Water does not come out of the Faucet.	The valve is closed or there is air in the piping. Inappropriate wiring.	Open the valve more releasing a greater water flow. Open the valves and faucets related to the system until removing the air, with the appliance in the disconnected position. See a qualified Professional to check if the conductors are in accordance with that specified in this manual.
The Faucet only heats a little.	Low electrical voltage. High water pressure/flow.	See a qualified Professional to check if the electrical voltage is in accordance with the rated values 127V~ or 220V~. If so, inform the region dealer. Reduce water pressure/flow through valve.
Reduction of water pressure/flow.	Blocking of the articulated aerator caused by dirt contained in the water.	Execute cleaning as specified in item 6 fig.19 of this manual.
The Differential Residual Circuit Breaker is tripped.	Inappropriate grounding system. More than one appliance linked in the same electrical circuit as the Faucet.	Check if the grounding system is in accordance with NBR5410. Provide an independent and exclusive electrical circuit for the Faucet.
Faucet heats a lot.	Little water pressure/flow. The Temperature Selector button is in its maximum position.	Increase the water pressure/flow through the valve. Adjust the Selector Button so as to provide a pleasant temperature.

8. Warranty

The submission of the product purchase Document is essential to have right to the warranty. If there is no Sintex Authorized Technical Assistance in the region, contact the Customer Helpdesk, by phone (47) 3473-5555.

- Sintex guarantees this product against possible **manufacturing defects** for the term of **12 months**, including the legal warranty, as of the date of the Document, except for the resistor, which has a legal warranty of 3 months.
- This warranty covers, exclusively, the replacement and/or repair, only which are **proven** to have material or manufacturing defects.
 - Defects arising from incorrect and/or inappropriate installation are not covered by the warranty.
 - The warranty will be **automatically canceled** if the appliance undergoes damage resulting from accidents, use of inappropriate electrical voltage and subject to excessive fluctuations or, also, if there are signs of infringement and if it is adjusted or repaired by unauthorized entities.
 - **The electrical supply cable**, as well as the other components of the appliance, must only be **replaced by the Technical Assistance Service, to avoid electrical risks.**
 - **Sintex cannot be held liable** for damage caused to the appliance and/or user, due to noncompliance with the Safety Standards appearing in this Manual.

Sintex undertakes to render the aforesaid warranty services, thereby **exempting itself of extra liabilities**, as:

- Risks and expenses with transportation, insurance and/or packaging.
- Expenses arising from installation and uninstallation. If a user requests a visit of a Service Technician of Sintex Technical Assistance in their residence, the visit amount rate will be collected at the user's own expense.



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TORNEIRA ELETRÔNICA SINTEX

GRIFO ELETRÔNICO SINTEX
ELECTRONIC FAUCET SINTEX



Manual Ilustrado
Passo a Passo
Manual Ilustrado
Paso a Paso
Illustrated Manual
Step by Step

PORTUGUÊS

1. Antes de instalar:

- A instalação deste aparelho deve ser efetuada por pessoas qualificadas.
- É obrigatório desligar o disjuntor sempre que efetuar instalação, manutenção e limpeza deste aparelho.
- Nunca conecte a este aparelho, acessórios ou dispositivos não indicados neste manual ou pelo fabricante.
- O cordão de alimentação do aparelho bem como os demais componentes devem ser substituídos pelo fabricante ou Assistência Técnica Autorizada para evitar riscos. Fica permitido ao usuário somente a troca da resistência elétrica.
- Este aparelho pode aquecer a água a uma temperatura acima daquela adequada ao uso, podendo causar queimaduras. Este aparelho não deve ser utilizado por pessoas (incluindo crianças) com capacidades físicas, sensoriais ou mentais reduzidas, ou falta de experiência e conhecimento, a menos que tenham sido supervisionadas ou instruídas sobre o uso do aparelho, por uma pessoa responsável pela sua segurança. As crianças devem ser supervisionadas para garantir que não vão brincar com o aparelho. Para tanto, antes e durante o uso deve-se tomar precauções especiais de forma a regular adequadamente a temperatura da água.

