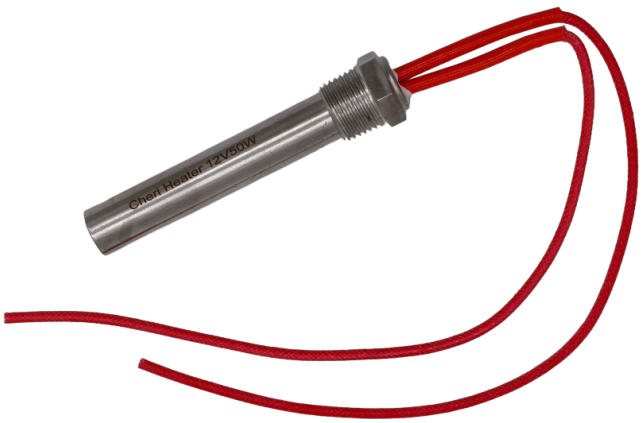
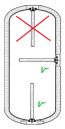
Electric cartridge heater 12V DC 50W R1/2" 10cm





Price: **31.00 PLN** gross

31.00 PLN for szt.

Manufacturer: **Cheri**

Referention number: **EHC 50 R1/2" 10**

Condition:: **New**

Quantity: 0 pcs.

Information:

Electric cartridge heater 12V DC 50W R1/2" 10cm

Product features

Power supply:	12v
Nominal power:	50w
Thread:	G 1/2"
Length:	10cm

Full product description

Application:

E.g., for heating water in a domestic hot water (DHW) tank.

Narrow cartridge heater that can be installed in any DHW tank in place of a 1/2-inch connection.

Technical data:

- Nominal voltage: 12V DC

- Nominal power: 50W

- Heating element length: 100mm

- Heating element diameter: 16mm

- Thread: external 1/2"

- Heating element material: stainless steel (SS304)

- Type: Cartridge

Recommendations:

i Information: Pre-drying the heater before installation (without packaging and plastic elements) in an oven or technical dryer at approximately 100–120°C for 1.5–2 hours can improve electrical insulation, reduce leakage currents, and minimize the risk of RCD tripping, resulting in a longer lifespan for the heating element.

Note: The heater must not be connected to the power supply or operated "dry"; installation and first start-up must be performed only in a completely filled and vented tank.

IMPORTANT: For safety reasons, the electrical installation must be performed by a person with appropriate qualifications. It is absolutely necessary to ensure proper grounding by connecting the protective conductor (PE) to the tank.

Note: Heating elements made of stainless steel (SUS201, SUS304, Incoloy 800) should not be installed in tanks or systems made of other metals, such as galvanized steel, carbon steel, copper, or aluminum. Direct contact between different metals in the presence of water leads to electrochemical corrosion, which can result in accelerated deterioration of components, leaks, and voiding of the warranty—for both the heating element and the tank. To ensure proper material compatibility, it is recommended to install heating elements only in tanks made of a similar grade of stainless steel.

The specified voltage is the **maximum** value. The device can operate at a lower voltage, but it must strictly not be exceeded – higher voltage will cause permanent damage to the heating element.

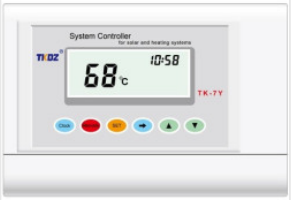
Vertical installation is permitted, but only from the bottom of the tank. Installing the heater vertically from the top of the tank is prohibited, as the lack of a "dead zone" can lead to overheating and damage due to burnout.

Additionally, the use of appropriate control, such as an electronic controller or thermostat, is recommended. The electric heater is not designed for continuous operation; therefore, proper control is crucial for its safe and efficient use.

Related products

Controller SR868C8
450.00 PLN

Thermostat with t...
85.00 PLN



Controller TK-7Y
180.00 PLN

Controller TK-7
180.00 PLN

Kontroler Prophet...
180.00 PLN

Kontroler HLC-388
175.00 PLN

TK-5a controller ...
140.00 PLN