CT12w, CT22w

Prepaid card Timers for 1 or 2 showers.

Version with RFID contactless reader.

Uses OLED graphic display.

art.187-12 **CT12w** - for 1 shower (photo)
art.187-22 **CT22w** - for 2 showers (photo)

• **Place the prepaid cards, wristbands or key rings on the RFID reader to activate the solenoid valves.**
• Includes a 12Vdc output for **direct activation of a solenoid valves**, which must be purchased separately (art. 199-20).
• The **time of service** (closing of the relay) can be easily adjusted from 1 second to 24 hours.
• **Accumulation of time** feature possible. If enabled, the service time available can be increased (max. 48 hours) by placing the TAG/transponders more than once. If feature is disabled, no increase of available time can be effectuated and no credit adjustment in the RFID TAGs will occur.
• It is possible to **delay the start of service**, in order to save water prior to using the service.
• A **light display** (OLED) helps to illuminate the cost of the service when in use, the remaining time, and facilitates configuration.
• **Multilingual**: There are 5 languages to choose from (English, French, Spanish, German), facilitating easier comprehension of product instructions and use.
• **Start/Pause buttons** can be connected externally, enabling the customer to activate or stop the supply of water and regulate the pauses for lathering. The maximum time for a pause can be adjusted.
• The funtion "**end of water notice**" (automatic pause) causes a brief interruption of water to occur. This is useful for warning the customer of the remaining time available and for allowing sufficient time to finish bathing.
• **The counting time is memorized** in case power supply is interrupted and will automatically resume when power is restored. This prevents the time from being reset when brief interruptions occur and from any ensuing complaints.
• The function **"end of service notice"** utilizes a special output to warn customers of the end of service without interrupting the service. In this mode every **CT** service occupies 2 outputs (relay), reducing the number of available services by half (except on the **CT12w** which already has 2 outlets).
• The **RFID reader** allows for payment of services through the decrement of costs, and displays any remaining credit in the TAG/transponder. The code set by the administrator ensures that the payment system is safe. All TAG/transponders use RFID contactless technology without magnetic strips.
• The system requires a dedicated programmer (**Art. 193-01 CARDWRITER-01**) to load and zero the amount of the TAG/transponders. The totalizers allow for the verification of the amounts allocated.
• **Stainless steel container**, with high resistant coating for outdoors. International protection rating IP30. As an option (see OPTIONS), the **CT** can be furnished with protection from rain and water (international protection rating IP34).
• The device does not fulfill the Italian obligation of electronic recording and data transmission (Art. 2, comma 2, D.Lgs. Italiano 127/2015).
• **Size and weight**: height 26 cm, width 22.5 cm, length 14 cm, weight 3.1 kg. The **small dimensions** of the article reduce bulkiness and make it more aesthetically pleasing.
• **Power supply**: 100-240V, 0.35A, 50-60 Hz. As an option, the 12Vdc version with power supply is also available (see OPTIONS).
• **Warranty**: 2 years (info).

OPTIONS (can be selected after adding article to basket)

• **Protection from rain and splashing water.** (photo) International protection rating IP34. This article is useful for uncovered outdoor installations or those situated where splashing water can reach them. Protection includes:

1. Water resistant lock.
2. Washers for door mechanism.
• **Power supply 12Vdc.** Power supply device 12Vcc is useful when the CT is installed in places where it is obligatory to use a safety extra-low voltage (SELV). It comes furnished with its own power supply with a 12Vdc output and a 100-240V input, and should be installed in a place where the use of such voltage is permitted.

Articles needed for completion of a shower system

• **Solenoid valve 12Vdc 8Watt max.**
It should be inserted in the tubing or the shower spout so as to control the opening of water. Since the timer provides a 12Vdc

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Art.187-12
...CT12w Timer 1 shower with RFID Prepaid Card Acceptor
Size: H26x22,5x14cm. - Weight: 2.9kg.

Art.187-22
...CT22w Timer 2 showers with RFID Prepaid Card Acceptor
Size: H26x22,5x14cm. - Weight: 3.1kg.

Art.199-20
Solenoid valve, 12Vdc 8W max, G1/2 Female-Female, ISO-228
Size: 6x4xH10cm. - Weight: 0,50kg.

Art.199-27
Water Y-Strainer, size 1/2, female-female, ISO-228
Size: 6x3x5cm. - Weight: 0,15kg.

Art.199-45
START/STOP push-button IP65, protected against splashing water
Size: 8.5x8.9x5.8cm. - Weight: 0.21kg.

Art.199-50
RFID Prepaid Card
Weight: 0,005kg.

Art.199-52
RFID Prepaid Card - 500 pieces package
Weight: 2,700kg.

Art.199-55
RFID Key ring
Weight: 0,005kg.

output voltage for controlling the solenoid valve, it is therefore not necessary to purchase a power supply device for this valve. Use a common solenoid valve with 12Vdc solenoid (in direct current) and maximum absorption of 8 Watts.
If you are not in possession of such a solenoid valve, the following article can be purchased:
Art.199-20 Solenoid valve 12Vdc 8W max, G1/2" Female-Female, ISO-228.

• Water Strainer (optional)
Permits the filtering of impurities and particles present in the water. Its installation is advised for increasing the duration of the solenoid valve**,**
Art.199-27 Water Y-Strainer, size 1/2", female-female, ISO-228.

Art.199-62
RFID silicone Wristband, diam.65 mm
Weight: 0,015kg.

Art.199-64
RFID silicone Wristband, diam.74mm
Weight: 0,017kg.

Art.193-01
CARDWRITER-01 - RFID Programmer
Size: 13,2x8,9x15,7cm. - Weight: 1,04kg.