

PRODUCT TECHNICAL SPECIFICATIONS

Poelsan CUP/BT



1. EXTENT

Battery-operated control unit that can manually and program irrigation in automatic irrigation systems.

2. IMPLEMENTATION

The Poelsan CUP/BT Control unit allows users to create a precise irrigation program on specified days and based on predefined start times and irrigation durations, allowing users to intervene automatically and effectively in their irrigation needs.

3. TECHNICAL SPECIFICATIONS

- One or two 9V alkaline batteries
- Powers DC-Latching lenoids.
- Maximum cable length of 30 m, only on 1 mm² cross-section cable
- Station output: 12VDC
- P/MV output: 12 VDC (multi-station models)
- Sensor inputs: 2 (rain, frost, wind)
- Bluetooth 5.2(BLE)
- Operating temperature: -10°C to 60°C
- Sealing: IP68

Number of Stations: 1, 2, 4 or 6 station options are available.

Bluetooth Technology: Poelsan CUP/BT battery-powered control unit can be easily managed via mobile application thanks to Bluetooth communication feature.

Mobile Management Application: It is an application that allows Poelsan CUP control units to be easily managed via smart devices with IOS and Android operating systems.

Control with Smart Devices: A smart device can manage an unlimited number of control units.

Multi-Sensor Support: Poelsan CUP/BT control unit can work with rain, frost, flow and wind sensors with two separate sensor inputs.

Multi-Programs: 12 programs can be made, each with 8 start times and a working time between 1 minute to 12 hours.

Off-Season Suspension: Provides water savings with the ability to suspend irrigation for up to 99 days.

Watering Days: Five different irrigation day modes that can be selected according to the program for maximum flexibility (Special, even, odd, odd-31, cyclic)

4. APPEARANCE

When viewed without the use of a magnifying glass, the internal and external surfaces of the control unit should be smooth and clean, with no flaking, pitting or other surface defects that would prevent them from complying with this International Standard.

5. PACKAGING

The control unit is placed on the market in the specified quantity packaged in a box so that it will not be damaged during transportation.

6. MARKING

The control unit offered to the market is based on the product or package;

- Brand information (POELSAN),
- Barcode Label,
- Model Information,
- Manufacturing Date,
- Name and Code of the Product,
- Quantity of the Product,
- Company name, address and other information (brand etc.),

7. USAGE INFORMATION

The system basically works as follows:

Data related to irrigation is entered into the control unit, the solenoid valve allows water to pass according to this data and thus water flow is provided to the sprays or rotors and the irrigation process begins. The control unit automatically manages and controls irrigation processes as an electronic component. This unit provides convenience to users in programming and regulating irrigation times, water amount and irrigation zones.

8. PRODUCT DIMENSIONS

PRODUCT SIZE: 115x100x32 mm

Material Code	EXPLANATION
CBBTX1	1 STATION, BATTERY-OPERATED, BLUETOOTH, WITHOUT SCREEN, CONTROL UNIT
CBBTX2	2-STATION, BATTERY-OPERATED, BLUETOOTH, WITHOUT SCREEN, CONTROL UNIT
CBBTX4	4-STATION, BATTERY-OPERATED, BLUETOOTH, WITHOUT SCREEN, CONTROL UNIT
CBBTX6	6-STATION, BATTERY-OPERATED, BLUETOOTH, WITHOUT SCREEN, CONTROL UNIT