

# Technical Data

## Toro > Sensors

### > Wireless Rain and Ice



	mm	
	Rec.	Tra.
Hei.	102	89
Wid.	51	44
Dep.	44	44

#### DESCRIPTION:

##### Application

- No wire - no problem - just a reliable rain perception, which produces optimal water savings - Toro's innovative radio technology boasts easy-to-use state-of-the-art features for immediate reaction when the rain begins
- Smart Bypass: allows to exclude the automatic functioning of the system and to restore it automatically
- Rain/ice combination: it is the first in the sector to be equipped with digital programmable precision; frost arrest can be set from 2° C to 7° C in 0,5° C increments

##### Electrical Specifications

- Transmitter power supply: two replaceable lithium batteries (CR2032-3V)
- Receiver power supply: 22-28V AC / V DC, 100mA (from existing timer or optional transformer)
- Relay contact output: normally open or normally closed; 3 A at 24 V AC
- FCC, IC, AVA, UL, CUL, CE certified and C-Tick approved

##### Technical specifications and exclusive features

- Operating temperature: -28° C ÷ 49° C
- Housing material: specific polymer against UV rays and atmospheric agents
- Transmission range: up to 152,4 m (transmission range) with adjustable antenna
- Sensor: hygroscopic disks that do not require maintenance; adjustable rain perception; from 3 to ¾"
- Low battery indicator
- Signal strength indicator (on scale)
- Rain Delay Function: Works intelligently with the rain sensor (unlike most rain delay via programmer)
- Intrinsically safe mode in case of communication loss or sensor failure
- External temperature displayed in real time on LCD (TWRFS only)
- Standard disposable batteries, up to five years, easy replacement
- Versatile mounting options - one-piece Quick-Clip system, gutter mounting bracket, or ½" conduit adapter
- Control multiple receivers / programmers with a single transmitter

Code	Description
OSN008	Rain sensor kit (transmitter/receiver)
OSN012	Rain/ice sensor kit (transmitter/receiver)