

# Nexus Wireless Flow



## SPECIFICATION

### BUSINESS FIELD

- LANDSCAPE & TURF
- GREENHOUSE, NURSERY & INDUSTRIAL
- AGRICULTURE
- GOLF



**The Tucor Wireless Flow System (WFS)** belongs to the Tucor Nexus family of products. The purpose of the WFS is to wirelessly transmit the high-frequency pulse required of today's smart controllers that are looking for a rate of flow (GPM) as well as volume.

The Nexus Wireless Flow System consists of WFG gateway and WFT 900 MHz radio transmitter. The Nexus Wireless Flow system is built around the Tucor Nexus Link Series of industrial grade 900 MHz radios.

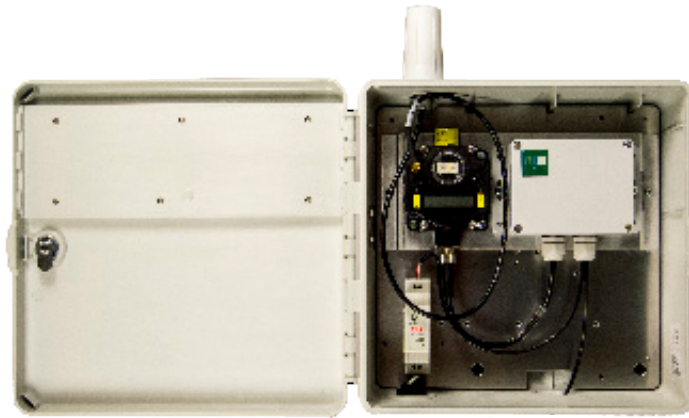
The Nexus WFS is compatible with most manufacturers controllers and pulse output flow sensors. The WFS can support up to 4 flow sensors transmitting to one receiver gateway.

**Combined flow:** The WFS can read up to 4 flow sensors and sum the pulses to form a combined flow/volume. The flow/volume meter must be of the same type.

**Average flow:** The WFS can average the combined pulse count and divide the count by the number of sensors to form an average count before it is sent to the controller.

Available in powered model for rate of flow (GPM) and non powered models for volume flow sensing.

**Works with any controller**  
**Works with any flow sensor**



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## RADIO FEATURES

- Built in RSSI (radio signal strength indication)
- Bidirectional radio communications
- Coverage from feet to miles
- Radio link loss monitoring
- License-free operation with global regulatory compliance in the ISM frequency bands: 902 to 928 MHz and 2.4 to 2.5 GHz.

