

RAIN-CLIK®

To prevent water waste, built-in Quick Response® Technology instantly shuts down irrigation as soon as it starts raining.

KEY BENEFITS

- Quick Response Technology triggers instant rain shutoff
- Freeze sensing model halts system operation at 37°F
- Wireless sensor kit simplifies installation
- Maintenance-free design with integrated battery for wireless models
- Adjustable vent ring allows for shorter or longer reset period
- Includes gutter bracket and wall mount with wireless models
- Compatible with most normally open or normally closed irrigation controllers

OPERATING SPECIFICATIONS

- Quick Response Technology:
 - Time to turn off irrigation system: approximately 2 to 5 minutes for Quick Response
 - Time to reset Quick Response: approximately 4 hours under dry, sunny conditions
 - Time to reset when fully wet: approximately 3 days under dry, sunny conditions
- All models switch rating (24 VAC): 3 A
- Wired models include 25' of 20 AWG sheathed, UL-approved wire
- Wireless model operating frequency: 433 MHz
- Wireless model range is 800' line of sight from sensor to receiver
- Multiple wireless receivers can be operated from a single wireless sensor
- Approvals: UL, cUL, FCC, CE, UKCA, RCM
- Warranty period: 5 years

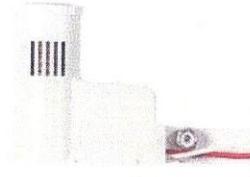
USER-INSTALLED OPTIONS

- Optional Gutter Mount for wired models (included with WR-CLIK)
- Vandal-resistant Wireless Sensor Guard for flat surface- or pole-mounting (order sensor separately)
- Vandal-resistant Wireless Receiver Guard for pedestal mounting (order receiver separately)

RAIN-CLIK

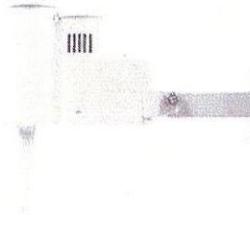
Model	Description
RAIN-CLIK	Wired Rain-Click Sensor
RAIN-CLIK-NO	Wired Rain-Click Sensor, normally open switch
RFC	Wired Rain/Freeze-Click Sensor
WR-CLIK	Wireless Rain/Freeze-Click Sensor, Receiver, and Gutter Mount
WS-GUARD	Vandal-resistant wireless sensor guard for surface- or pole-mounting
WR-GUARD	Vandal-resistant wireless receiver guard for pedestal mounting

Sensor: Rain, Freeze



Wired Rain-Click Sensor
(with mounting arm)
Height: 2½"
Length: 7"
Width: 1"

Sensor Gutter Mount
optional gutter mount
Height: ½"
Length: 3"
Width: 1¼"



Wireless Rain-Click Sensor
(with mounting arm)
Height: 3"
Length: 8"
Width: 1"

Wireless Receiver
(with wall-mounting hardware)
Height: 3¼"
Length: 4"
Width: 1½"



Wireless Sensor Guard
(with mounting hardware)
Height: 2¾"
Length: 3¾"
Width: 1¼"

Wireless Receiver Guard
(with mounting hardware)
Height: 5"
Length: 4"
Width: 1¼"

Compatible with:



**Waterproof Wire
Connector**
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MINI-CLIK®

This sensor halts scheduled irrigation when it detects a preset level of rainfall to prevent water waste.

Sensor: Rain, Freeze

KEY BENEFITS

- Shuts off irrigation automatically when the sensor detects rainfall from $\frac{1}{8}$ " to $\frac{3}{4}$ "
- Debris-tolerant for reliable operation and no unnecessary shutdowns
- Wireless sensor kit simplifies installation*
- Quick Response® Technology triggers faster system shutdown for plant protection*
- Built-in freeze sensing halts system operation at 37°F to protect plants and keep roads and walkways ice-free*
- Maintenance-free design with integrated battery for wireless models
- Compatible with most normally open or normally closed irrigation controllers

OPERATING SPECIFICATIONS

- Quick Response Technology* (when enabled):
 - Time to turn off irrigation system: approximately 2 to 5 minutes
 - Time to reset: approximately 4 hours under dry, sunny conditions
 - Time to reset when fully wet: approximately 3 days under dry, sunny conditions
- All models switch rating (24 VAC): 3 A
- Wired models include 25' of 20 AWG sheathed, UL-approved wire
- Wireless model operating frequency: 433 MHz
- Wireless model range is 800' line of sight from sensor to receiver
- Multiple wireless receivers can be operated from a single wireless sensor
- Approvals: UL, cUL, FCC, CE, UKCA, RCM
- Warranty period: 5 years

USER-INSTALLED OPTIONS

- Optional Gutter Mount for wired models (included with WM-CLIK)
- Vandal-resistant Wireless Sensor Guard for flat surfaces or pole mounting (order sensor separately)
- Vandal-resistant Wireless Receiver Guard for pedestal mounting (order receiver separately)

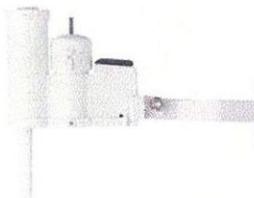
*Wireless Mini-Click Sensor only



Wired Mini-Click Sensor
(with mounting arm)
Height: 2"
Length: 6"
Width: 1"



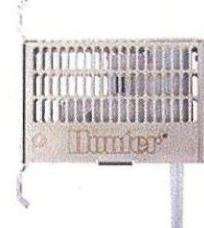
Wired Mini-Click Sensor
(with stainless steel enclosure)
Height: 5½"
Length: 3"
Width: 4"



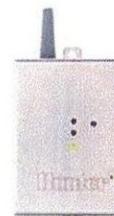
Wireless Mini-Click Sensor
(with mounting arm)
Height: 3"
Length: 8"
Width: 1"



Wireless Receiver
(with wall-mounting hardware)
Height: 4"
Length: 4"
Width: 1½"



Wireless Sensor Guard
(with mounting hardware)
Height: 2¾"
Length: 3¾"
Width: 1¼"



Wireless Receiver Guard
(with mounting hardware)
Height: 5"
Length: 4"
Width: 1¼"

Compatible with:



Waterproof Wire Connector
[Page 125](#)

MINI-CLIK

Model	Description
MINI-CLIK	Wired Mini-Click Sensor
MINI-CLIK-NO	Wired Mini-Click Sensor, normally open switch
MINI-CLIK-C	Wired Mini-Click Sensor, conduit mount
SG-MC	Wired Mini-Click Sensor in a stainless steel sensor enclosure
WM-CLIK	Wireless Mini-Click Sensor, Receiver, and Gutter Mount
WS-GUARD	Vandal-resistant Wireless Sensor Guard for flat surface or pole mounting
WR-GUARD	Vandal-resistant Wireless Receiver Guard for pedestal mounting

SOLAR SYNC®

This sensor automatically adjusts controller run times daily based on local climate conditions to reduce water usage and improve plant health.

KEY BENEFITS

- Automatically adjusts irrigation run times based on weather conditions using on-site solar radiation and air temperature
- Quick Response® Technology triggers instant rain shutoff
- Freeze sensing halts system operation at 37°F
- Wireless sensor kit simplifies installation
- Maintenance-free design with integrated battery for wireless models
- Adjustable vent ring allows for shorter or longer reset period
- Use with X-Core®, Pro-C®, ICC2, ACC2, and legacy ACC and I-Core® Controllers
- Manage remotely with Centralus™ Software for Pro-C, ICC2, and ACC2 installations

OPERATING SPECIFICATIONS

- Solar Sync Technology:
 - Adjusts run times daily 3 minutes before midnight using the last 3 days of ET (evapotranspiration) data
 - See calibration table on [page 205](#)
- Quick Response Technology:
 - Time to turn off irrigation system: approximately 2 to 5 minutes for Quick Response
 - Time to reset Quick Response: approximately 4 hours under dry, sunny conditions
 - Time to reset when fully wet: approximately 3 days under dry, sunny conditions
- All models switch rating (24 VAC): 3 A
- Wired models include 25' of 20 AWG sheathed, UL-approved wire
- Wireless model operating frequency: 433 MHz
- Wireless model range is 800' line of sight from sensor to receiver
- Multiple wireless receivers can be operated from a single wireless sensor
- Approvals: UL, cUL, FCC, CE, UKCA, RCM
- Warranty period: 5 years

USER-INSTALLED OPTIONS

- Vandal-resistant Wireless Sensor Guard for flat surface- or pole-mounting (order sensor separately)
- Vandal-resistant Wireless Receiver Guard for pedestal mounting (order receiver separately)

SOLAR SYNC

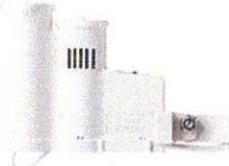
Model	Description
SOLAR-SYNC-SEN	Wired Solar Sync Sensor and Gutter Mount
WSS-SEN	Wireless Solar Sync Sensor, Receiver, and Gutter Mount
WS-GUARD	Vandal-resistant Wireless Sensor Guard for flat surface- or pole-mounting
WR-GUARD	Vandal-resistant Wireless Receiver Guard for pedestal mounting



EPA WaterSense® Approved

Recognized as a responsible water-saving tool by the U.S. Environmental Protection Agency

Sensor: ET, Rain, Freeze



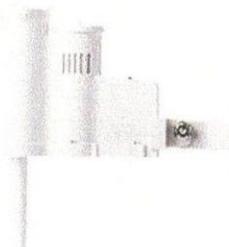
Wired Solar Sync Sensor

(with mounting arm)

Height: 3"

Length: 8½"

Width: 1"



Wireless Solar Sync Sensor

Height: 4½"

Length: 8½"

Width: 1"



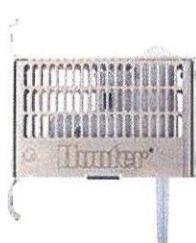
Wireless Solar Sync Receiver

(with wall-mounting kit)

Height: 5½"

Length: 1½"

Width: 1½"



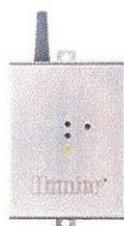
Wireless Sensor Guard

(with mounting hardware)

Height: 2¾"

Length: 3¾"

Width: 1¼"



Wireless Receiver Guard

(with mounting hardware)

Height: 5"

Length: 4"

Width: 1¼"

Compatible with:



Centralus
Software
Page 104



Waterproof Wire
Connector
Page 125

SOIL-CLIK®

This sensor prevents water waste by measuring soil moisture and shutting off irrigation when a preset level is reached.

Sensor: Soil Moisture

KEY BENEFITS

- View current soil moisture level and status at a glance
- One-touch override allows soil moisture bypass for special conditions
- Low-voltage outdoor enclosure powered by host controller
- Connect to sensor inputs, or use to interrupt common wires in virtually any 24 VAC irrigation system
- Use with Solar Sync® Sensor for maximum water savings; [see page 136](#)

OPERATING SPECIFICATIONS

- Switch rating (24 VAC): 5 A
- Input power (24 VAC): 100 mA
- Output power: Normally closed, dry-contact closure
- 6' maximum distance from Soil-Clik module to controller
- 1,000' maximum distance from Soil-Clik module to sensor probe for AC installations
- 100' maximum distance for NODE-BT installations
- Sensor probe includes 30" of direct-burial wire
- Approvals: UL, cUL, FCC, CE, UKCA, RCM
- Warranty period: 5 years

Soil-Clik Module

Height: 4½"
Length: 3½"
Width: 1¼"



Soil-Clik Probe

Height: 3¼"
Diameter: 1"

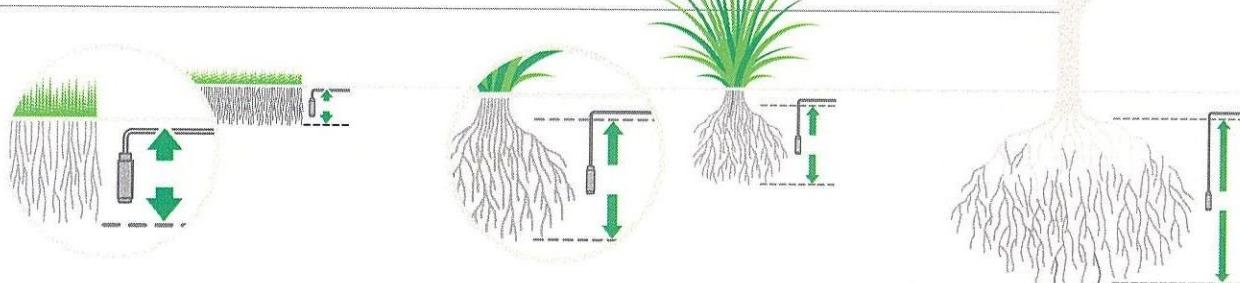


SOIL-CLIK

Model	Description
SOIL-CLIK	Soil-Clik moisture sensor module and probe
SC-PROBE	Soil moisture probe sensor for NODE-BT (module is not used)

Intermittent and/or delayed sensor data may occur when using the SC-PROBE with a NODE-BT controller. This is normal and is not a cause for concern.

Probe installed in root zone to monitor soil moisture



Compatible with:



Waterproof Wire
Connector
[Page 125](#)



NODE-BT
Controller
[Page 115](#)

In turf applications, the probe should be placed in the root zone, approximately 6" deep (adjust for actual turf conditions).

For shrubs or trees, select a deeper depth that matches the root zone. For new plantings, choose a spot halfway down the root ball, adjacent to native soil.

HC FLOW METER

Detect, monitor, and report critical flow zone data via wired or wireless connection with this robust and simple-to-install flow sensor.

KEY BENEFITS

- Compatible with Hydrawise® enabled HC, Pro-HC, HPC, and HCC Controllers as well as Centralus™ enabled Pro-C®, ICC2, and ACC2 Controllers
- Provides station-level flow rates and totals
- Sends automatic alerts in the event of high-flow, low-flow, or unscheduled flow conditions
- Flow reports within Hydrawise Software can display total system water use and individual station water use for accurate water budgeting and tracking
- Robust brass construction with union fittings for easy installation and removal for winterization
- Analog dial on the face of the meter displays daily flow totals

OPERATING SPECIFICATIONS

- Scaled pulse output is precalibrated from the factory based on the size of the meter
- When wired directly to the controller, the meter must be installed with shielded, minimum 18 AWG wire, up to 1,000' from the controller
- Accuracy: $\pm 2\%$ of reading at recommended flow
- Warranty period: 2 years

WIRELESS HC FLOW METER BENEFITS

- Add wireless communication to any HC Flow Meter (sensor sold separately)
- Send flow data wirelessly from the sensor to the controller, without the need to run wire or dig trenches

Sensor: Flow



HC-075-FLOW

($\frac{3}{4}$ " male thread)
Height: $3\frac{1}{8}$ "
Length: $9\frac{1}{8}$ "
Depth: $3\frac{1}{8}$ "

HC-150-FLOW

($1\frac{1}{2}$ " male thread)
Height: $6\frac{1}{4}$ "
Length: $16\frac{1}{8}$ "
Depth: $4\frac{1}{8}$ "

HC-100-FLOW

(1" male thread)
Height: $3\frac{5}{8}$ "
Length: $10\frac{1}{4}$ "
Depth: $3\frac{1}{8}$ "

HC-200-FLOW

(2" male thread)
Height: $6\frac{1}{4}$ "
Length: $17\frac{1}{2}$ "
Depth: $4\frac{1}{8}$ "

WIRELESS HC FLOW METER



WIRELESS HC FLOW METER MODELS

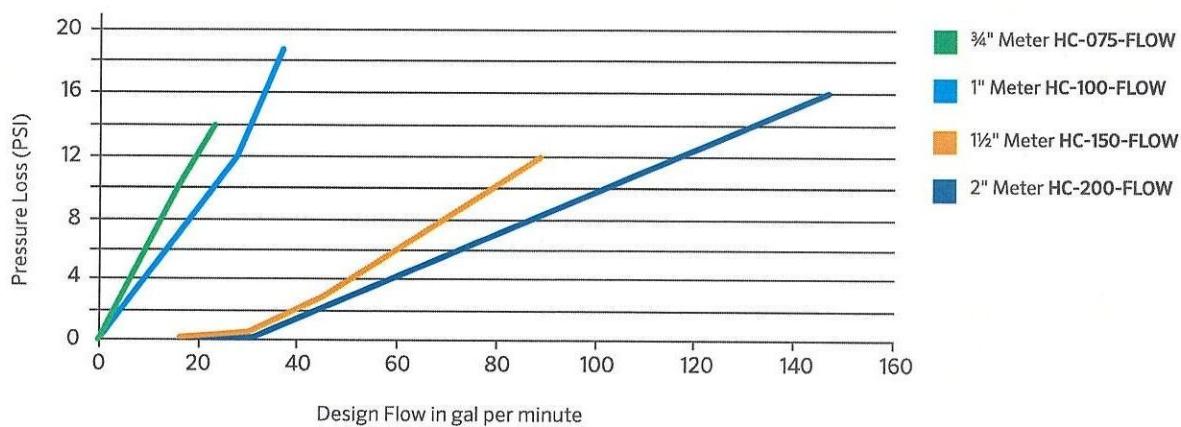
Model	Description
W-HC-FLOW	Wireless HC Flow Meter Kit, includes transmitter and receiver (domestic 900 MHz)
HC-075-FLOW	HC Flow Meter with $\frac{3}{4}$ " male thread, U.S. gal
HC-100-FLOW	HC Flow Meter with 1" male thread, U.S. gal
HC-150-FLOW	HC Flow Meter with $1\frac{1}{2}$ " male thread, U.S. gal
HC-200-FLOW	HC Flow Meter with 2" male thread, U.S. gal

HC FLOW METER SPECIFICATIONS

	HC-075-FLOW (3/4")	HC-100-FLOW (1")	HC-150-FLOW (1 1/2")	HC-200-FLOW (2")
Minimum flow (GPM)	0.22	0.3	0.88	1.98
Maximum recommended flow (GPM)	15	30	66	105
Maximum flow (GPM)	21	34	88	132
Dial reading (U.S. gal)	1 pulse per 0.1 U.S. gal	1 pulse per 1 U.S. gal	1 pulse per 1 U.S. gal	1 pulse per 1 U.S. gal

WIRELESS HC FLOW METER OPERATING SPECIFICATIONS

- 500' range (line of sight) from transmitter to receiver
- Communication frequency: 900 MHz for use in North America
- Transmitter power supply: 3 AA batteries
- Receiver power supply: 24 VAC from host controller
- Warranty period: 2 years

HC FLOW METER Pressure Loss Chart

FLOW-CLIK®

Add high-flow shutoff capabilities to any irrigation controller with this simple, adjustable device.

KEY BENEFITS

- Automatically shuts down entire system if an overflow condition occurs, helping to protect against flood damage and erosion
- Single-button calibration to set highest flow rate
- User-adjustable timing and delay for sensor response
- Compatible with all Hunter AC-powered controllers for a variety of applications
- Multi-color LED indicates system status and if flow is within limits

OPERATING SPECIFICATIONS

- Recommended pressure range: 0 to 220 PSI
- Current draw (24 VAC): 0.025 A
- Switching current: 2 A maximum
- Sensor wiring: 2 x direct burial, 18 AWG or greater, color-coded or marked for polarity, up to 1,000' from the interface module
- Programmable start up delay: 0 to 300 seconds (allows for system hydraulics to stabilize and prevents false flow readings)
- Programmable interrupt period: 5 to 60 minutes (or option to reset manually)
- Warranty period: 5 years

USER-INSTALLED OPTIONS

- FCT fittings for 1" to 4" pipe diameters

FLOW-CLIK

Model	Description
FLOW-CLIK	Standard kit for all 24 VAC controllers. <i>Includes sensor and interface module, sensor requires FCT for pipe installation.</i>

REQUIRED USER-INSTALLED OPTION (SPECIFY SEPARATELY)

Model	Description
FCT-100	1" Schedule 40 sensor (white) receptacle tee
FCT-150	1½" Schedule 40 sensor (white) receptacle tee
FCT-158	1½" Schedule 80 sensor (gray) receptacle tee
FCT-200	2" Schedule 40 sensor (white) receptacle tee
FCT-208	2" Schedule 80 sensor (gray) receptacle tee
FCT-300	3" Schedule 40 sensor (white) receptacle tee
FCT-308	3" Schedule 80 sensor (gray) receptacle tee
FCT-400	4" Schedule 40 sensor (white) receptacle tee

Sensor: Flow



Flow-Click sensor and module shown with required FCT fitting for pipe installation (sold separately)

Flow-Click Module:

Height: 6"
Width: 5¾"
Depth: 2¼"

Flow-Click Sensor

Height: 3½"
Diameter: 1½"

Compatible with:



Waterproof
Splice Kit
[Page 125](#)

FLOW RANGE

Pipe Diameter	Operating Range (GPM)	
	Minimum	Suggested Maximum*
1"	2	17
1½"	5	35
2"	10	55
3"	28	120
4"	34	200

Note:

* Good design practice dictates the maximum flow not to exceed 5/sec. Suggested maximum flow is based upon Class 200 IPS plastic pipe.

FLOW-SYNC®

Sensor: Flow

This cost-effective flow sensor is designed for use with commercial controllers.

KEY BENEFITS

- Simple-insertion flow sensor for metering and reacting to real-time flow conditions
- Provides station-level flow monitoring for reaction to high- or low-flow conditions, helping to protect against flood damage and erosion
- Compatible with Hunter ACC2 and legacy ACC and I-Core® Controllers, ICD-SEN Sensor Decoders, and Pro-C® and ICC2 Centralus Communication Modules
- Easy connection up to 1,000' from controller or sensor decoder
- Sensor is precalibrated for K-Factor and Offset based on pipe size, allowing for quick setup and programming within the controller



Impeller-type flow sensor, requires FCT fitting for pipe installation (order separately)

OPERATING SPECIFICATIONS

- Recommended pressure range: 0 to 220 PSI
- Pressure loss: < 1 PSI
- Sensor wiring: 2 x direct burial, 18 AWG or greater, color-coded or marked for polarity, up to 1,000' from the controller
- Warranty period: 5 years

USER-INSTALLED OPTIONS

- FCT tee fittings for pipe installation

Compatible with:



ACC2
Controllers
Page 106



ICD-SEN
Decoder
Page 121



Waterproof
Splice Kit
Page 125

FLOW-SYNC

Model	Description
HFS	Hunter Flow-Sync Sensor for use with ACC2 and legacy ACC and I-Core® Controllers

REQUIRED USER-INSTALLED OPTION (SPECIFY SEPARATELY)

Model	Description
FCT-100	1" Schedule 40 sensor receptacle tee
FCT-150	1½" Schedule 40 sensor receptacle tee
FCT-158	1½" Schedule 80 sensor receptacle tee
FCT-200	2" Schedule 40 sensor receptacle tee
FCT-208	2" Schedule 80 sensor receptacle tee
FCT-300	3" Schedule 40 sensor receptacle tee
FCT-308	3" Schedule 80 sensor receptacle tee
FCT-400	4" Schedule 40 sensor receptacle tee

FLOW RANGE

Pipe Diameter	Operating Range (GPM)	
	Minimum	Suggested Maximum*
1"	2	17
1½"	5	35
2"	10	55
3"	28	120
4"	34	200

Note:

* Good design practice dictates the maximum flow not to exceed 5/sec. Suggested maximum flow is based upon Class 200 IPS plastic pipe.

WFS

Use this sensor to retrofit flow to existing systems that cross under asphalt, concrete, or other hardscapes.

KEY BENEFITS

- Wireless flow sensor saves time, materials, and labor
- Simple-insertion flow sensor for monitoring and reacting to real-time flow conditions
- Provides station-level flow monitoring for reaction to high- or low-flow conditions, helping to protect against waste and damage from leaks
- Compatible with Hunter ACC2 and legacy ACC and I-Core® Controllers, and Pro-C® and ICC2 Centralrus™ Communication Modules
- Sensor is precalibrated for K-Factor and Offset based on pipe size, allowing for quick setup and programming within the controller
- Multi-color LED on the receiver indicates proper communication to the transmitter, as well as remaining battery life

OPERATING SPECIFICATIONS

- Maximum distance sensor to receiver: 500'
- Recommended pressure range: 0 to 220 PSI
- Pressure loss: < 1 PSI
- Approvals: FCC and CE approved
- Warranty period: 5 years

USER-INSTALLED OPTIONS

- FCT tee fittings for pipe installation

WIRELESS FLOW SENSOR

Model	Description
WFS	Wireless Flow Sensor Kit - Domestic 900 MHz
WFS-T	Wireless Flow Sensor Kit Transmitter Only - Domestic 900 MHz
WFS-R	Wireless Flow Sensor Kit Receiver Only - Domestic 900 MHz
WFS-ALKBATT	Wireless Flow Sensor Alkaline Battery with Cage

REQUIRED USER-INSTALLED OPTION (SPECIFY SEPARATELY)

Model	Description
FCT-100	1" Schedule 40 sensor (white) receptacle tee
FCT-150	1½" Schedule 40 sensor (white) receptacle tee
FCT-158	1½" Schedule 80 sensor (gray) receptacle tee
FCT-200	2" Schedule 40 sensor (white) receptacle tee
FCT-208	2" Schedule 80 sensor (gray) receptacle tee
FCT-300	3" Schedule 40 sensor (white) receptacle tee
FCT-308	3" Schedule 80 sensor (gray) receptacle tee
FCT-400	4" Schedule 40 sensor (white) receptacle tee

Sensor: Flow



WFS Transmitter

Height: 5½"
Diameter: 4½"

WFS Sensor

Height: 3¾"
Diameter: 2¼"

WFS Receiver

Height: 5"
Width: 3"
Depth: 1½"

Compatible with:



ACC2
Controllers
Page 106

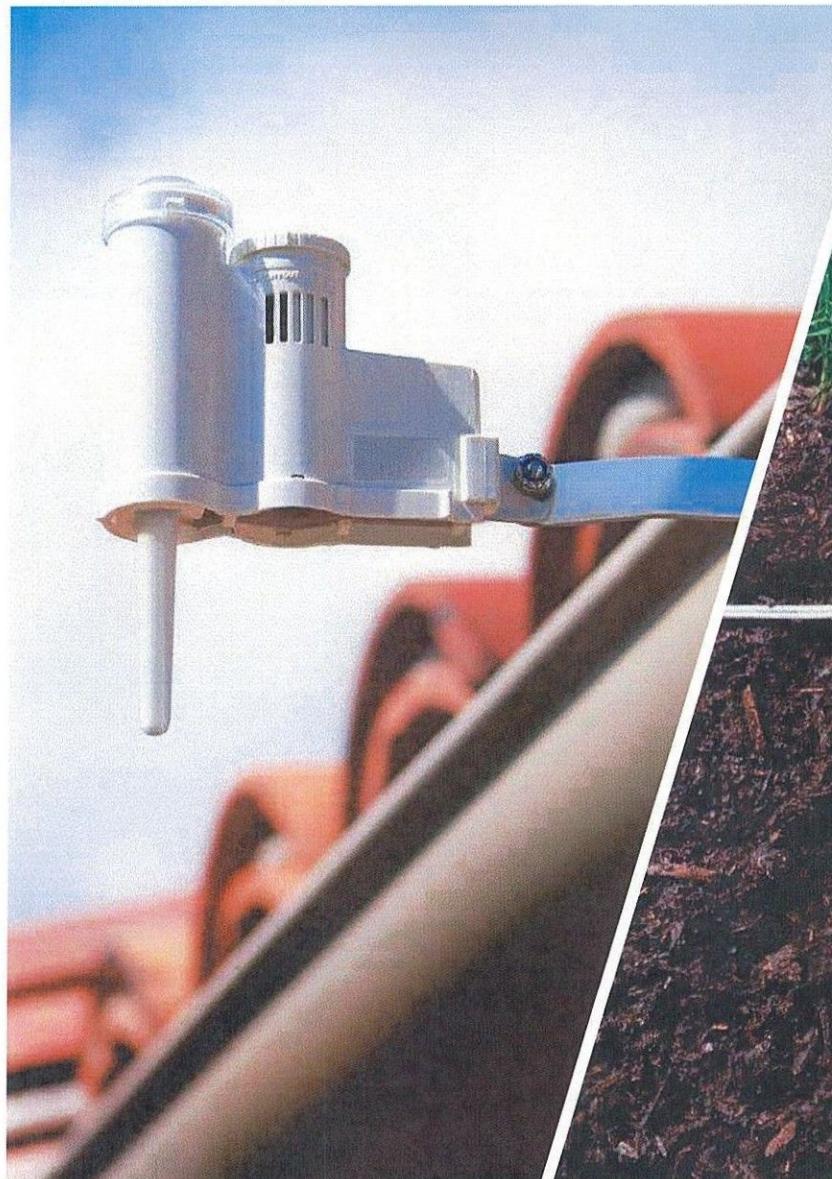
FLOW RANGE

Pipe Diameter	Operating Range (GPM)	
	Minimum	Suggested Maximum*
1"	2	17
1½"	5	35
2"	10	55
3"	28	120
4"	34	200

Note:

- Good design practice dictates the maximum flow not to exceed 5/sec. Suggested maximum flow is based upon Class 200 IPS plastic pipe.





WORK SMARTER, NOT HARDER ABOVE AND BELOW

Use the Solar Sync Sensor with the Soil-Clik Sensor to measure both climate and soil conditions. Solar Sync uses ET to adjust application amounts when irrigation is needed. Soil-Clik prevents watering when proper soil moisture levels have been reached. Together, they're the ultimate environmentally responsive solution.

Solar Sync® Sensor Above

- **Water-Saving:** Automatically adjusts run times based on local weather conditions
- **Responsive:** Shuts down irrigation during rainfall and freezing conditions
- **Convenient:** Wired or wireless models available

Soil-Clik® Sensor Below

- **Water-Saving:** Measures soil moisture and prevents unnecessary irrigation
- **Easy:** Simple installation and push-button operation
- **Flexible:** Use with any Hunter AC-powered controller and most other brands