

# Irrigreen

## Digital Sprinkler System

### Meet Irrigreen

The world's first and only Digital Sprinkler.

Engineered to grow your greenest grass.

Irrigreen's Patented Precision irrigation system delivers an even distribution of water precisely where you need it, when you need it, guided by weather data and controlled by the Irrigreen Controller and mobile app.



## Technical Specifications

<b>Programmable Distance</b>	5 to 30 feet
<b>Precipitation</b>	0.05 inches per revolution (cycle and soak)
<b>Flow Rate</b> (sprinkler output)	1 to 10 GPM
<b>Programmable Zone Shape</b>	Up to 50 points defined by distance and rotation
<b>Water Supply</b> (input)	8+ GPM flow with 40 to 80 PSI (minimum required)
<b>Operating Temperature</b>	32 - 120 degrees Fahrenheit
<b>Water Inlet Fitting</b>	3/4" FPT at base on sprinkler 1" FPT FlexPipe from mainline
<b>Pop-up Height</b>	5" Riser
<b>Distribution Uniformity</b>	0.85 - UofMN irrigation audit soil moisture coefficient of uniformity
<b>Sprinkler Size:</b>	11" X 5"



	Controller 2	Controller 3	Pro Controller
<b>Size</b> (Height X Width X Depth)	6" X 12" X 4"	9.5" X 9.5" X 3.5"	6" X 12" X 4"
<b>Power Requirement</b>	110 Volt 40 VA	110 Volt 40 VA	110 Volt 40 VA
<b>Display</b>	3 Indicator LEDs	Scrolling Dot Matrix	3 Indicator LEDs
<b>Sprinkler Cable Connections</b>	IP-67 Rated with provided connect and lock	IP-67 Rated with provided connect and lock	IP-67 Rated with provided connect and lock
<b>Wireless Connectivity (at controller)</b> 802.11b/g/n, WEP, WPA/WPA2 security	Wi-Fi 2.4 GHz	Bluetooth, Wi-Fi 2.4 & 5.0 GHz	Wi-Fi 2.4 GHz
<b>Sprinkler Outputs</b>	Up to 16 Irrigreen Sprinklers	Up to 16 Irrigreen Sprinklers	Up to 32 Irrigreen Sprinklers
<b>Valve Outputs</b>	Up to 12	Up to 8	Up to 24
<b>Master Valve / Pump</b>	1	1	2
<b>Sensor Inputs</b>	2 Rain/Flow (Flomec QS200)	2 Rain/Flow (Flomec QS200)	2 Rain/Flow (Flomec QS200)
<b>Runtime for 1/4" of precipitation</b>	Varies by zone square footage (see table diagram)		



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## Digital Sprinkler System: Run Times

Irrigreen sprinklers are different, by design.

Our sprinklers water like the rain to ensure proper saturation into your lawn. Run times are calculated based on the amount of water your lawn needs. See reference details below for estimate run times based on 1/4" of water by square footage of your zone.



Area of Zones (Square Foot)	Time for 1/4" of water
200	9 Minutes
450	17 Minutes
800	26 Minutes
2450	60 Minutes
2800	70 Minutes
3600	80 Minutes

