

Irrigreen

Digital Sprinkler System

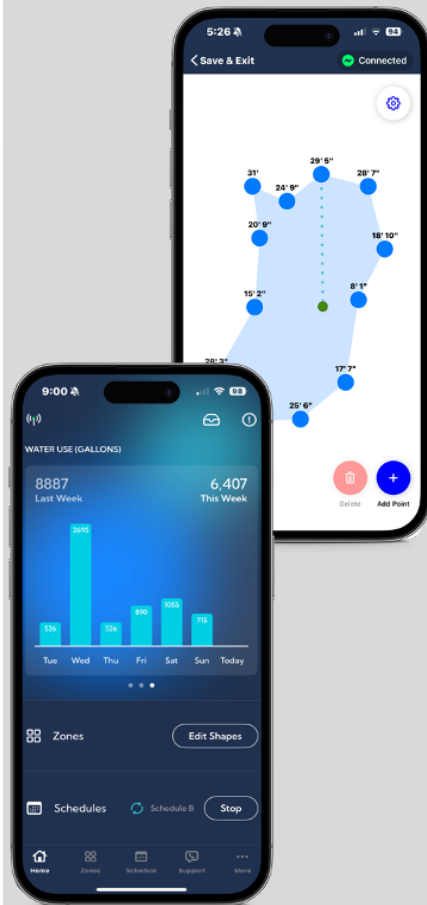
Meet Irrigreen. The world's first and only Digital Sprinkler.

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



Programmable Distance	5 to 30 feet
Precipitation	0.05 inches per revolution (cycle and soak)
Flow Rate (sprinkler output)	1 to 10 GPM
Programmable Zone Shape	Up to 50 points defined by distance and rotation
Water Supply (input)	8+ GPM flow with 40 to 80 PSI
Operating Temperature	32 – 120 degrees Fahrenheit
Water Inlet Fitting	¾" FPT at base on sprinkler 1" FPT FlexPipe from mainline
Pop-up Height	5" Riser
Distribution Uniformity	0.85 - UofMN irrigation audit soil moisture coefficient of uniformity
Sprinkler Size:	5" by 11"
Controller Size	6" X 12" X 4"
Power requirement	110 Volt 40 VA
Sprinkler Cable Connections	IP-67 Rated with provided quick connect and lock.
Wireless Network	Wi-Fi 2.4 GHz at controller installation location (802.11b/g/n, WEP, WPA/WPA2 security)
Sprinkler Outputs	Controller 2: Up to 16 Irrigreen Sprinklers Pro Controller: Up to 32 Irrigreen Sprinklers
Valve Outputs	Controller 2: Up to 12 Pro Controller: Up to 24
Master Valve / Pump Output	Controller 2: up to 1 Pro Controller: up to 2
Sensor Inputs	2 Flow sensors (FLOMEC QS-200) and 2 Rain Sensors
Runtime for ¼" of precipitation	Varies by zone size 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

