



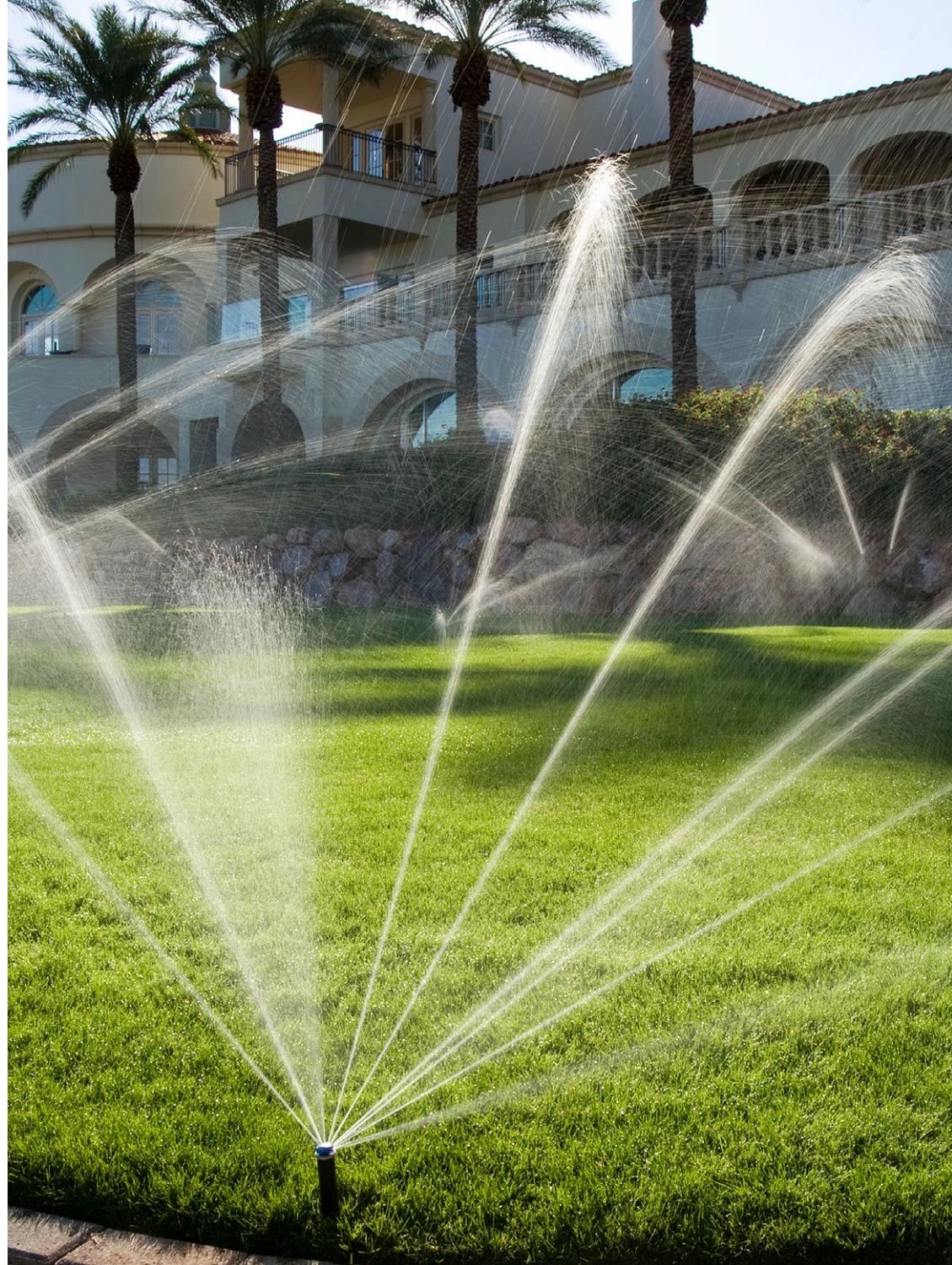
Hunter®

Case Study

Hunter Industries Australia

Hunter Industries is a family-owned global company founded in 1981 by entrepreneur Edwin Hunter who successfully revolutionised the irrigation industry. Through its transformation from small company to global leader in irrigation, Hunter Industries has maintained its core values of customer satisfaction, innovation, family and social responsibility. The company continues to grow product lines and expand into new markets such as outdoor lighting and custom molding industries while remaining true to high quality manufacturing and customer focused managing. Product innovation and the development of quality solutions in irrigation are at the heart of Hunter Industries. The company's commitment to progression in technology, conservation and customer experience has propelled Hunter Industries into the global leader it is today.

Hunter Industries has been working with Smart Approved WaterMark since 2005 to demonstrate to customers that their innovative products are water efficient. Regional Manager, Gavin Jones, described the dual purpose of being a part of the scheme. **"It made commercial sense as well as complementing our values of product innovation and water conservation,"** Jones explained. He described the benefits that Hunter Industries acquired by having their products certified with Smart Approved Watermark. **"Application for the Mark allowed Hunter products to be recognised as efficient water saving products firstly to an expert panel and then to a greater base of consumers,"** Jones said. **"Traditionally our products are well recognised in the professional irrigation market, and Smart WaterMark broadens our exposure,"** he added.



Products Approved by Smart WaterMark

Flow-Clik®

The Flow-Clik® flow sensor provides an economically favourable solution to ruptures and leaks by automatically shutting down irrigation when overflow occurs. The sensor is user-set meaning it can be programmed to a specified level of flow, which enables exact system control. Whenever the limit is reached or exceeded, the electrical circuit will break, the valves will shut off and water flow will be halted. This design guards against the damage of potential ruptures or leakage such as flooding and erosion as well as greatly reduces water loss.



Hydrawise™ Wi-Fi Irrigation Controller

The HC and Pro-HC irrigation controllers utilising Hydrawise™ web-based software establish a complete irrigation control system that saves both time and water. The user-friendly touchscreen controllers are Wi-Fi enabled for simple connection to the Internet. The cloud software permits remote management of the irrigation controllers via smart devices or web browsers, increasing accessibility and saving time for customers. Through Hydrawise Predictive Watering™, irrigation schedules are adjusted using forecast temperature, rainfall, humidity and wind speed. These schedule modifications maximise water savings and facilitate efficient and reliable predictive watering. Additionally, an optional flow meter may be installed which enables the system to automatically send alert notifications in the event of broken pipes or faulty valves to avoid property damage.



MP Rotator® Sprinkler

The MP Rotator® is a highly efficient spray nozzle that utilises multi-stream multi-trajectory technology to ensure even water distribution and maximum soil absorption. While traditional sprays employ high precipitation rates to compensate for dry spots, the MP Rotator® uses a low application rate and distributes water uniformly in order to achieve superior coverage and more efficient watering. Traditional sprays distribute water at about 1.6 inches per hour, resulting in flooding and wasteful runoff. Alternatively, the standard MP



Rotator® applies water at 0.4 inches per hour and the MP Rotator® SR series disperses water at 0.8 inches per hour, more closely complementing what soils are typically able to absorb. In addition to matched precipitation rates at any arc or radius, the MP Rotator® line has vast range flexibility from 5-foot wide side strips up to a 35-foot radius. This revolutionary sprinkler is a proven water saver; it effectively reduces misting through increased wind resistance and avoids wasteful runoff through elimination of overwatering.

Rain-Clik™ and Wireless Rain-Clik™

The Rain-Clik™ rain sensor with built-in Quick Response™ technology commands controllers to shut off automatic irrigation systems as soon as it begins to rain. With traditional rain sensing devices, a fixed amount of rainfall must be collected before the circuit is interrupted and the system is shut down. Alternatively, the Rain-Clik's™ instant shut-off feature eliminates this accumulation time and effectively saves water. The Wireless Rain-Clik™ is a convenient wire-free rain sensor that also features the smart Quick Response™ technology and offers an easy installation. The receiver can be installed next to the irrigation controller and the transmitter may be installed wherever the device can acquire representative rainfall, eliminating the hassle of running wires.

Solar Sync™ Weather Sensor

The Solar Sync™ is an innovative weather-based sensor that provides smart irrigation control through evapotranspiration calculation and subsequent controller adjustment. The Solar Sync™ sensor utilises local weather conditions such as sunlight intensity and temperature to measure evapotranspiration. The sensor then sends the correct seasonal adjustment percentage value to the controller where the data is used to automatically alter the irrigation run time. By modifying irrigation schedules based on daily weather conditions, Solar Sync™ effectively saves up to 30% water annually. Additionally, the Solar Sync™ sensor incorporates Rain-Clik™ and Freeze-Clik® sensors, which halt irrigation in rain and freezing conditions to provide an all-inclusive irrigation control system.

Water Savings

Due to its innovative features, Hunter's MP Rotator® provides water savings of up to 30% when compared to traditional sprays. Additionally, you can save up to 50% on your water bills with Hydrawise™ Wi-Fi Irrigation Controller because of its smart irrigation schedule adjustments based on local weather conditions.



Spotlight

Gavin Jones, Regional Manager

Gavin Jones' role in Hunter Industries is Regional Manager of the Pacific Rim, which incorporates marketing and product support roles for Australia, New Zealand, South Africa and South East Asia. He believes in the company's core values of product innovation and water conservation. By decreasing Hunter Industries' footprint on the environment through responsible manufacturing and by managing the efficient use of water through creation of innovative products, Jones believes the company is on the right path towards achieving sustainability in the world we live in.