

Automatic irrigation

An automatic irrigation system is a series of pipes and water distribution devices located on the soil surface or just below ground that is connected to a water supply and is operated by an automatic controller.

Automatic irrigation includes surface spray irrigation in which sprinkler heads and rotors are used on turf areas, and drip irrigation which is a network of small tubes irrigating the root zone of plants.

Automatic irrigation systems can be an easy, effective way to water your landscape provided the system is properly installed and maintained. If not properly installed and maintained, this method can be less water efficient and cost more to operate.

Since we pay for all the water we use in our homes, including outdoors, homeowners should make sure the system they use is properly cared for during the summer.

Automatic controller is a timing device that sends an electric signal to valves, telling them when to open and close as per a set irrigation schedule.

https://www.hunterindustries.com/irrigation-product/controllers/pro-cr#node_product_full_group_description_tab_item

https://www.hunterindustries.com/irrigation-product/controllers/x2tm#node_product_full_group_videos

Smart Controller is an irrigation control system that uses weather-based calculations and environmental conditions to determine how much water to apply to a landscape based on plant water needs.

https://www.hunterindustries.com/irrigation-product/controllers/pro-hc#node_product_full_group_videos

Surface spray irrigation refers to an irrigation system that distributes water through the air over a large area, such as turf, using spray or rotor sprinklers.

Rotors

https://www.hunterindustries.com/irrigation-product/rotors/pgj#node_product_full_group_videos

https://www.hunterindustries.com/irrigation-product/rotors/pgp-ultra#node_product_full_group_videos

Sprays

https://www.hunterindustries.com/irrigation-product/spray-bodies/pro-sprayr#node_product_full_group_videos

https://www.hunterindustries.com/irrigation-product/spray-bodies/pro-spray-prs40#node_product_full_group_videos

Nozzles

https://www.hunterindustries.com/irrigation-product/mp-rotator/standard-mp-rotator#node_product_full_group_videos

https://www.hunterindustries.com/irrigation-product/nozzles/pro-adjustable-nozzles#node_product_full_group_videos

https://www.hunterindustries.com/irrigation-product/nozzles/pro-fixed-nozzles#node_product_full_group_description_tab_item

Micro irrigation refers to any irrigation system that applies water directly to the root zone very slowly. This technology is the most efficient for water and energy use.

https://www.hunterindustries.com/irrigation-product/micro-irrigation/distribution-tubing#node_product_full_group_description_tab_item

https://www.hunterindustries.com/irrigation-product/micro-irrigation/rigid-riser#node_product_full_group_description_tab_item

Cross Connection Control Device is a mechanical device that stops the backflow of water into public drinking water, preventing contamination of the water supply.

For in-ground irrigation systems, Double-Check Valve Assembly (DCVA) are required. For manual irrigation with a hose attached to your outdoor water supply, use a Hose Connection Vacuum Breaker (HCVB).

