



Gardening Catalog

Residential, Turf & Landscape
Irrigation and fertigation control



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Controllers

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Kits



Balcony Kit

The perfect system for balcony gardening - quick, simple installation



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Accessories



Valves

Series of valves made of reinforced plastic, AC/DC powered



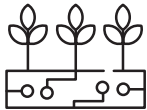
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8000 Series - Indoor

Electricity-powered controller, allows independent programming of each valve. Ideal for lawns, drip and sprinkler systems and basic agriculture. Operates 4 or 6 valves



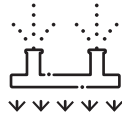
Advantages:



Controller operates 4 or 6 valves



Each valve separately programmable



Ideal for sprinklers and drip-irrigation



Seconds-based irrigation - S8000 model



Concurrent irrigation from 2 valves



For indoor installation

Features:

- Intensive irrigation with multiple cycles per day (S8000 model)
- Seconds-based irrigation and in minute intervals (S8000 model)
- Control for situations requiring a large number of activations per day (S8000 model)
- Smart phone control (8000BT)
- 24V electrically powered
- Suitable for a broad range of valves and solenoids
- Suitable for misting in greenhouses
- Suitable for cooling poultry coops and cow sheds
- Connection to a Normally Closed (NC) rain sensor

Sensors and Accessories:



Rain sensor



Temperature and/or humidity connection

Models:

8000 Series Controller for Indoor Connection (4-6 valves)

Description	Grid electricity-powered controller
Controls	AC 4- up to 4 valves, AC6- up to 6 valves
Suitable for implementation on	Lawns, drip and sprinkler systems and basic agriculture
Optional	Seconds-based irrigation and minutes-long cycles (S model)
Standards	CE EMC, CE Safety

8000BT Series controller

Description	Irrigation controller by series, mobile phone (Bluetooth) activated
Controls	4 or 6 valves
Ideal for application	In home gardening and public gardening
Optional	Seconds-based irrigation and minutes-long cycles (S model)

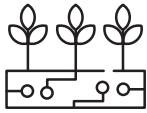


8000 Series - Outdoor

Allows independent programming of each valve, ideal for lawns, drip systems and sprinkler systems and basic agriculture, Operates 4, 6, 9 or 12 valves



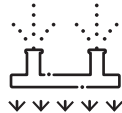
Advantages:



Controller operates 6, 9 or 12 valves



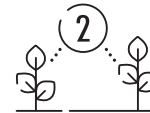
Each valve separately programmable



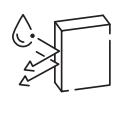
Ideal for sprinklers and drip-irrigation



Seconds-based irrigation - S8000 model



Concurrent irrigation from 2 valves



Outdoor waterproof enclosure

Features:

- Intensive irrigation with multiple cycles per day (S8000 model)
- Seconds-based irrigation and in minute intervals (S8000 model)
- Control for situations requiring a large number of activations per day (S8000 model)
- Smart phone control (8000BT)* *Coming soon
- 24V electrically powered
- Suitable for a broad range of valves and solenoids
- Suitable for misting in greenhouses
- Suitable for cooling poultry coops and cow sheds
- Connection to a Normally Closed (NC) rain sensor

Sensors and Accessories:



Rain sensor



Temperature and/or humidity connection

Models:

Series 8000 Controller for Outdoor Installation (4, 6, 9, 12 valves)

Description	Grid electricity-powered controller
Controls	AC6- up to 6 valves, AC9- up to 9 valves, AC12- up to 12 valves
Suitable for implementation	Misting in greenhouses, for cooling chicken coops and cow sheds, basic agriculture, multiple activations
Optional	Seconds-based irrigation and minutes-long cycles (S model)
Standards	CE EMC, CE Safety

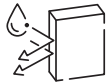


6100 Series

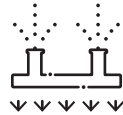
Timer-based irrigation controller, battery powered, 1-6 valves



Advantages:



Waterproof, suitable for outdoor installation or inside irrigation cabinets



Ideal for sprinklers and drip-irrigation



Time-based irrigation



Irrigation duration in seconds and minutes-long cycles (S model)*



Smart phone control*

Features:

- Ideal for sprinkler and drip irrigation systems in home gardens, flowerbeds, roof gardens and flower pots
- Optional - Seconds-based irrigation and minutes-long cycles (S model)
- Smart phone control*
- IP 68
- Time-based fertigation (F11 model)
- Powered by a 9V battery

Sensors and Accessories:



Connection to dry contact sensor for halting irrigation (rain, temperature, humidity)

Models:

6100 Controller

Description	Timer-based irrigation controller, battery powered
Controls	1-6 valves
Suitable for implementation	Private gardening, public gardening and basic agriculture in locations without an electricity connection
Optional	Seconds-based irrigation and minutes-long cycles (S model)



6100BT Controller

Description	Timer-based irrigation controller, battery powered Smart phone control option
Controls	1-6 valves
Suitable for implementation	Private gardening, public gardening and basic agriculture in locations without an electricity connection
Optional	Seconds-based irrigation and minutes-long cycles (S model)

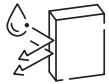


6200 Series

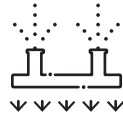
Timer-based irrigation controller, battery powered, 6-12 valves



Advantages:



Waterproof, suitable for outdoor installation or inside irrigation cabinets



Ideal for sprinklers and drip-irrigation



Time-based irrigation



Irrigation duration in seconds and minutes-long cycles (S model)*



Smart phone control*



Time-based fertigation (F11 model)*

Features:

- Ideal for sprinkler and drip irrigation systems in home gardens, flowerbeds, roof gardens and flower pots
- Suitable for time-based irrigation of small farming plots in areas without electricity
- Optional - Seconds-based irrigation and minutes-long cycles (S model)
- Smart phone control*
- IP 54
- Time-based fertigation (F11 model)
- Suitable for two-wire or three-wire solenoids
- Powered by a 9V battery

Models:

6200- DC 6/9/12

Description	Timer-based irrigation controller, battery powered
Controls	DC6- up to 6 valves, DC9- up to 9 valves, DC12 up to 12 valves
Suitable for implementation	Private gardening, public gardening and basic agriculture in locations without an electricity connection
Optional	Seconds-based irrigation and minutes-long cycles (S model)

6200- DC 11F

Description	Timer-based irrigation controller, battery powered + time-based fertilization
Controls	11 valves + fertilizer pump
Suitable for implementation	Private gardening, public gardening and basic agriculture in locations without an electricity connection
Optional	Seconds-based irrigation and minutes-long cycles (S model)

7000 series

Irrigation controller ideal for sprinkler and drip irrigation systems in home gardens, flowerbeds, roof gardens and flower pots Includes a hydraulic valve, 3/4" to 2" diameter, for single irrigation valve - battery-powered



Advantages:



Simple programming, weekly or cyclic program



Front LCD display for local operation



Smart phone control - model 7101BT



Suitable for installation in irrigation pits - IP-68 - all 7101 models

Features:

- Hydraulic valve, available in diameters of 3/4" to 2"
- Suitable for line irrigation which consists of multiple sprinklers and/or a single long line of drippers
- Battery-powered
- Low battery alarm
- Manual mechanical opening
- Option for connection to rain sensor

Sensors and Accessories



Rain sensor

Models:

7101BT Controller

Description	Waterproof (IP68) controller, battery-powered, for a single irrigation line, controllable through a smart phone (BT)
Controls	Line irrigation which consists of multiple sprinklers and/or a single long line of drippers
Suitable for implementation	in home gardening, public gardening, irrigation pits
Standards	Europe: CE EMC, CE Safety, United States + North America: FCC



7001D Controller

Description	Battery-powered controller for a single irrigation line, suitable for outdoor installation
Controls	Line irrigation which consists of multiple sprinklers and/or a single long line of drippers
Suitable for implementation	in home gardening, public gardening
Standards	Europe: CE EMC, CE Safety, Australia: AS/NZS



7101D Controller

Description	Waterproof (IP68) controller, battery-powered, for a single irrigation line
Controls	Line irrigation which consists of multiple sprinklers and/or a single long line of drippers
Suitable for implementation	in home gardening, public gardening, irrigation pits
Standards	Europe: CE EMC, CE Safety, Australia: AS/NZS



9001 Series

Garden sillcock controllers, easy installation, battery powered, user-friendly. Designed especially for small gardens and balconies



Advantages:



Simple programming, weekly or cyclic program



Irrigation duration from one minute to 12 hours



Easy to install and program



Operation and programming via a cellular app with a Bluetooth connection (BT model)



Powered by a 9V battery

Features:

- Suitable for small gardens and balconies
- Quick, simple installation - connects to a standard garden sillcock
- Features an internal valve and built-in filter
- Threading 3/4" NH/BSP
- Operating pressure 1-7 Bar
- Low flow rate

Sensors and Accessories:



Optional connection to a rain sensor



Can be purchased as part of an automatic balcony irrigation kit

Models:

9001D Controller

Description	Digital controller with display, weekly or cyclic planning
Control of	Dripping or sprinklers, for installation on a sillcock
Suitable for implementation	Ideal for small gardens and balconies
Standards	Europe: CE EMC, CE Safety, Australia: AS/NZS



9001BT Controller

Description	Irrigation controller, programmable from the controller or smart phone via an app and Bluetooth communication
Control of	Dripping or sprinklers, for installation on a sillcock
Suitable for implementation	Ideal for small gardens and balconies
Standards	Europe: CE EMC, CE Safety, United States + North America: FCC



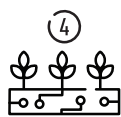
11000 Series

Garden hose-end controller, battery powered, user-friendly. Designed especially for small gardens and balconies

Advantages:



Irrigation duration from one minute to 12 hours



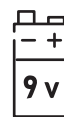
Up to 4 activations per day



Easy to install and program



Operation and programming via a cellular app with a Bluetooth connection (BT model)



Powered by a 9V battery



Features:

- Suitable for small gardens and balconies
- Quick, simple installation - connects to a standard garden sillcock
- Features an internal valve and built-in filter
- 3/4" threading
- Operating pressure 1-7 Bar
- Low flow rate
- Weekly irrigation program

Sensors and Accessories:



Can be purchased as part of an automatic balcony irrigation kit

Models:

11000BT Controller

Description	Irrigation controller with weekly planning
Control of	Dripping or sprinklers, for installation on a sillcock
Suitable for implementation	Ideal for small gardens and balconies
Standards	Europe: CE EMC, CE Safety, Australia: AS/NZS



11000T Controller

Description	Irrigation controller with weekly planning, programmable from the controller or smart phone via an app and Bluetooth communication
Control of	Dripping or sprinklers, for installation on a sillcock
Suitable for implementation	Ideal for small gardens and balconies
Standards seal	Europe: CE EMC, CE Safety, United States + North America: FCC



GSI Gardening Series

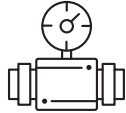
Smart, Web-based irrigation controller over cellular



Advantages:



Application-driven control - smart phone and computer



Connection to water meter



Advanced, user-friendly gui



Outdoor waterproof enclosure



Interface to weather station



Controllers displayed on a map



Real-time alarms

Features:

- Controls up to 24 valves + master valve
- Percentage-based fertigation
- Multiple users with authorization hierarchy
- 8 irrigation programs (series), unlimited starts per day
- Compatible with existing valves
- Remote software updates via the cellular network - Over The Air (OTA)
- Detailed reporting: irrigation logs, water consumption
- Real-time alarms to email and/or push messages from the application
- Adjustment of irrigation regime in percentages
- Quantity-based or time-based irrigation

Technical Characteristics:

- DC controller - lithium battery powered, rechargeable from a solar panel or from the electricity grid
- AC controller - powered from the electricity grid
- Built-in antenna

Sensors and Accessories:



Water meter



Connection to fertilizer pump



Rain sensor

Models:

GSI-AC Gardening Controller

Description	Internet-based smart irrigation controller with cellular communication
Control over	Control of the number of irrigation lines 2-24
Models	AC
Suitable for application	Private gardening, municipal gardening, institutional gardening



GSI-DC Gardening Controller

Description	Internet-based smart irrigation controller with cellular communication
Control over	Control of the number of irrigation lines 2-24
Models	DC
Suitable for application	Private gardening, municipal gardening, institutional gardening

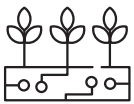


80024 Series

Modular controller for variable irrigation and fertigation zones with an auxiliary program for lighting and additional independent electric activation



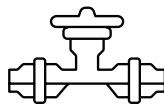
Advantages:



Activates 8-24 valves



Time-based fertigation program



Irrigation programs separately by series / valve



Auxiliary program for lighting or for other independent electric activation



Suitable for a wide variety of applications: home gardening, public gardening and agriculture

Features:

- Irrigation programs separately by series A, B, C
- Weekly program: day-based irrigation
- Cyclic program: irrigation frequency of once per day to once per month
- Time-based fertigation
- Auxiliary program for lighting or for other independent electric activation
- Irrigation duration: from one minute to 9 hours
- Delay function - from one day to 240 days
- Seasonal adaptation of the irrigation duration in percentages
- Electrically powered

Sensors and Accessories:



Rain sensor



Temperature and/or humidity connection

Models:

80024 Controller

Description	Modular irrigation and fertigation controller
Controls	8-24 valves
Suitable for implementation	In home gardening, public gardening, open fields, greenhouses



Balcony Kit

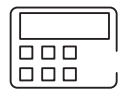
The perfect system for balcony gardening
- quick, simple installation



Advantages:



For automatic irrigation of up to 20 pots



Includes a high-quality irrigation controller



Including piping and accessories



Simple installation, no need for any special tools



Automatic, effective irrigation of the plant roots

Features:

- An automatic irrigation system for balconies containing all of the necessary accessories
- Controllers can be selected - Model 9001EZ or 9001BT, which is controlled via a smart phone
- The kit includes: piping, drippers, connectors and irrigation controller
- Maximum flexibility in irrigating the plant

Models:

Balcony Kit Including 9001BT Controller

Description	Automatic irrigation system for balconies including a controller - 9001BT - for operation and programming of the controller with a user-friendly, intuitive application
Controls	Installation on a single sillcock, for automatic irrigation of up to 20 pots
Suitable for implementation	Irrigating flowerpots and window boxes, irrigation in patios and roof gardening



Galcon valve series

Series of valves made of reinforced plastic, AC/DC powered



Advantages:



Simple installation, operation and maintenance

AD ↔ DC

Switching from AC to DC (and vice versa) by replacing the solenoid only (in models ¾", 1")



Long-lasting, high performance



Mechanical opening and closing regardless of the status of the controller (in models ¾", 1")



Vertical or horizontal installation

Features:

- Automatic or manual operation, enabling opening and closing of the valve regardless of the solenoid position
- The valves are available in the following diameters: ¾", 1", 1.5", 2"
- Powered by a two- or three-wire AC or DC solenoid
- BSP or NPT thread
- Working pressure: 1-7 bar (14-100 psi)
- Maximum temperature - 140°F / 60°C

Sensors and Accessories:



Solenoid

Models:

AC Valve

Description	A series of electric valves with a 24VAC electric solenoid connecting to irrigation systems
Models	¾", 1", 1.5", 2"
Suitable for implementation	Gardening, public landscaping, open field agriculture, greenhouse farming



DC Valve

Description	A series of electric valves with a 24VDC electric solenoid connecting to irrigation systems
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Residential
Garden



Turf &
Landscape



Agriculture



Greenhouses

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