

Orbit®

IRRIGATION PRODUCT GUIDE

2020/2021







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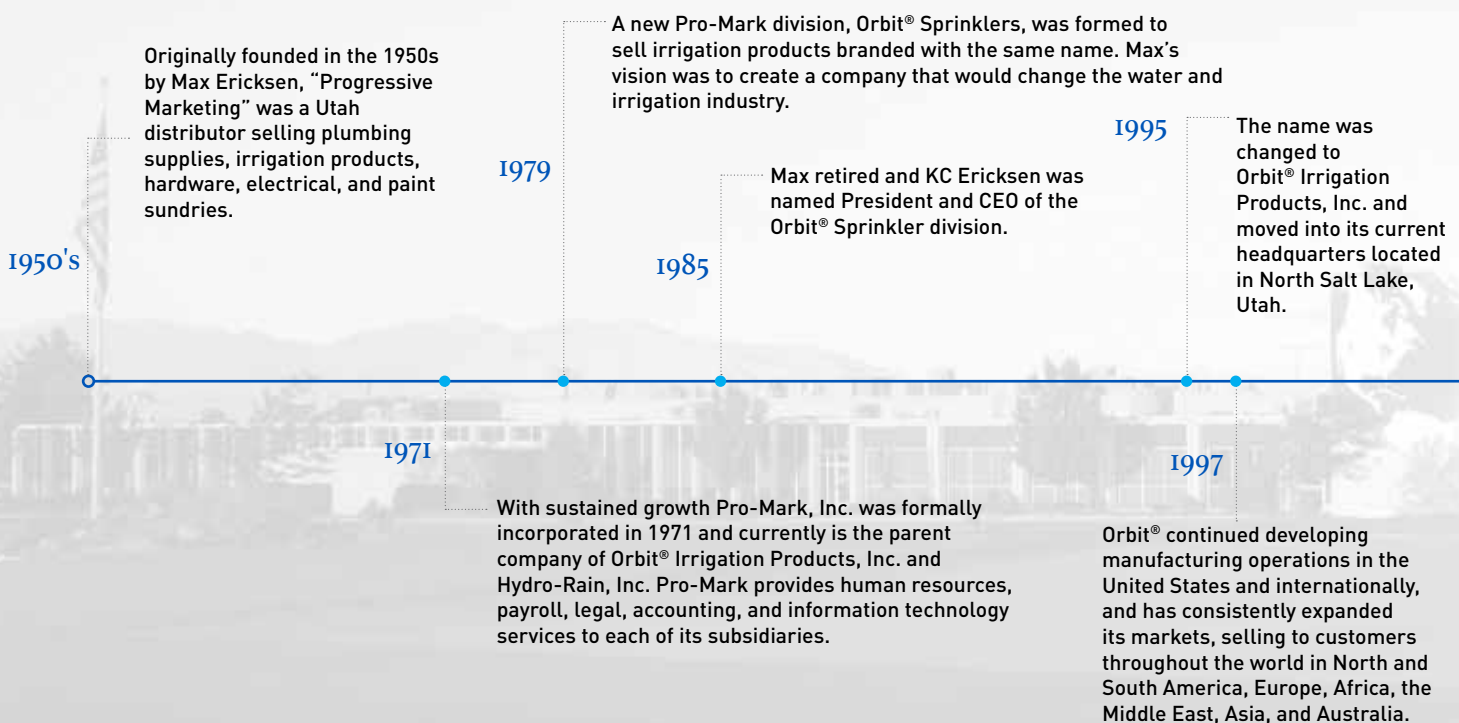
ABOUT ORBIT

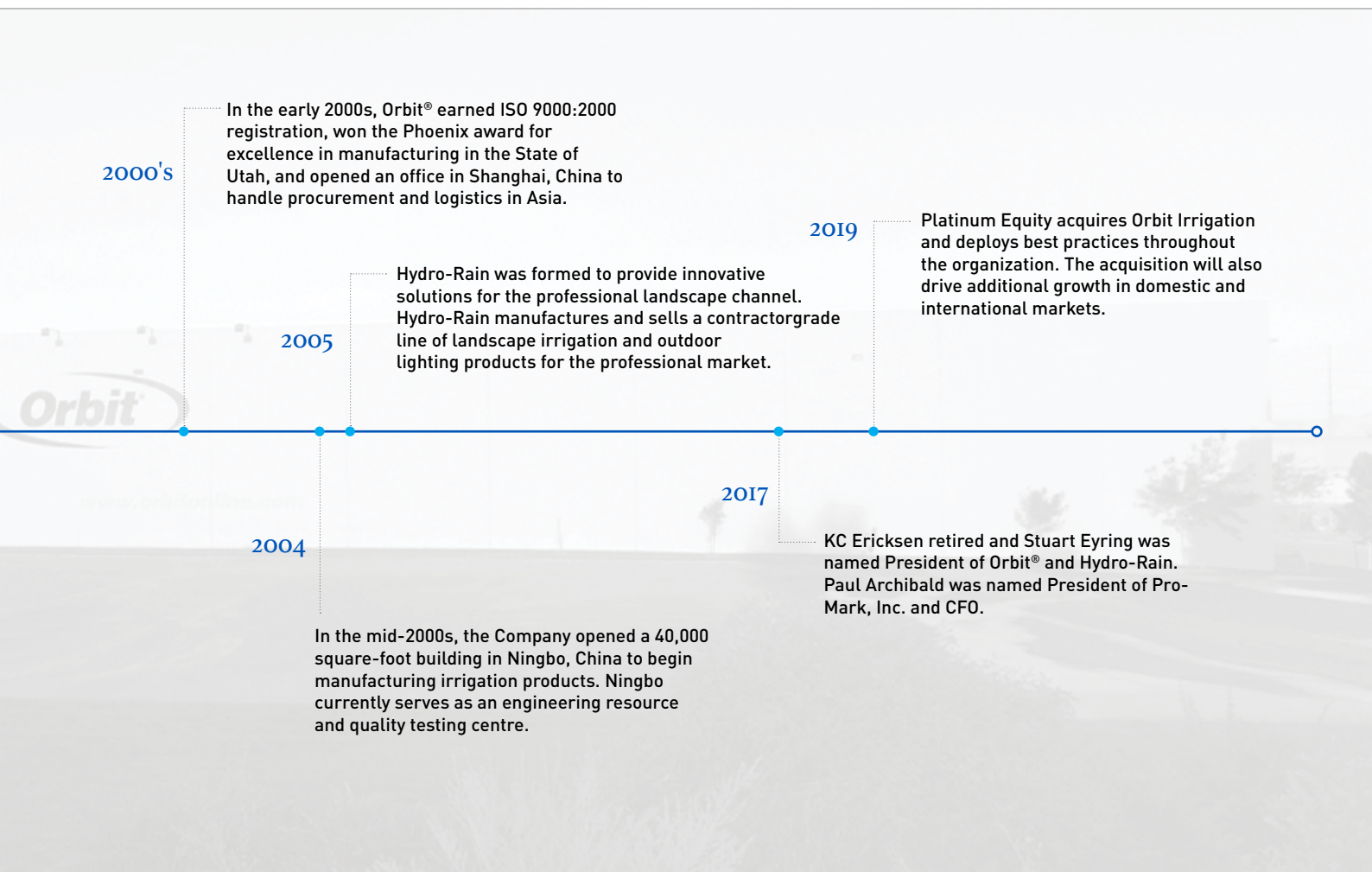
Founded more than fifty years ago, Orbit® is a leading manufacturer and supplier of irrigation and home improvement products. We distribute more than 2,000 products to homeowners in 40 countries across 6 continents.

Each year Orbit® develops and creates over 200 new, innovative products. Guided by market research, consumer insight and decades of experience, we are bringing to market smart and pioneering products and providing customers the flexibility they need to create their ideal home.

Orbit®

Lawn. Garden. Life.









B-HYVE®

Welcome To Your Smart Garden



Welcome To
b•hyve®

What makes B-hyve® Smart?

WeatherSense® Technology

Smart WeatherSense® Technology receives your local weather data and automatically adjusts your controller to deliver the perfect watering schedule. WeatherSense® technology provides watering based on site conditions such as slope, soil type, sun/shade, historical ET, and live weather feeds.

Rain Delay

Rain Delay is a smart feature in the B-hyve® app that alerts your device to local weather forecasts. If it is predicted to rain, it will automatically delay your timer 24 or 48 hours. This feature conserves water and saves you money.

Total Control

By using the B-hyve® app, you set up your device to water how much and how often you want. Set up a basic schedule or use the WeatherSense® feature for perfect watering. When connected to Wi-Fi, you can control your system from anywhere.

Know the Flow

The built in flow meter lets you know how much water it takes to water your plants, wash your car, or fill your pool. Knowing the flow also lets you water by volume, allowing you to conserve water and save money.

Conservation Through Innovation

B-hyve®, using all of the smart features listed, conserve your water use. Not only does it save you money, it also saves the amount of water we used. In 2019, B-hyve® helped save over 1,000,000,000 litres of water through our Conservation Through Innovation® programme.





TOTAL CONTROL

The B-hyve® app gives you full control where you need it. Program your timer in the app or let the WeatherSense® function create a custom program for you.





b•hyve®

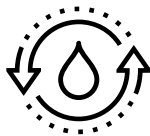
B-hyve XR® Indoor/Outdoor Smart Sprinkler Controller

This Wi-Fi, Bluetooth®, and 900Mhz enabled controller allows you to programme and control your watering using your phone from anywhere through the B-hyve® app. WeatherSense® technology provides smart watering based on local weather and site conditions. The sleek design includes 3 LED screens that provide key points at a glance such as temperature, time, and next watering schedule.



Effortless Programming

Set upcoming schedules for days or weeks and set schedules for smart watering functions as well.



Adjusts to Weather

Shuts off timer in the rain, increases watering times in the heat, and decreases them in the cold.



Stronger Wi-Fi

A stronger Wi-Fi connection is achieved with dual high-powered radios, allowing you more control at greater distances with no Wi-Fi interference issues.





Specifications

Bluetooth®/Wi-Fi Compatability:	Bluetooth® 5.0 / 2.4 or 5.0 Ghz Wi-Fi
Bluetooth®/Wi-Fi Range:	Up to 70 m / 200 ft Bluetooth®, Up to 76 m / 250 ft Wi-Fi
900 Mhz Range:	304 m / 1000+ ft
Power Requirements:	220-240 V 50/60hz Input, 24V AC Output 5 ft. Power
Smart Home Capability:	Amazon Alexa + Google Assistant (English Only)
Zones:	16
Approvals:	EPA Watersense, CE, Smart Approved Watermark

16 Station
Part #: **1094895**
Orbit Model #: **94895**

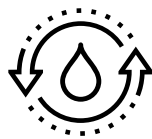
B-hyve® Indoor/Outdoor Smart Sprinkler Controller

B-hyve® smart indoor and outdoor irrigation controller for underground sprinkler systems with all the functionality of a normal system plus the ability to command it from anywhere with a smartphone. Includes weatherproof locking case for outdoor mounting.



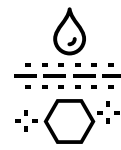
Effortless Programming

Set upcoming schedules for days or weeks and set schedules for smart watering functions as well.



Adjusts to Weather

Shuts off timer in the rain, increases watering times in the heat, and decreases them in the cold.



Waterproof Design

Designed with a sturdy waterproof case for safe mounting outdoors in all types of weather.





Specifications

Bluetooth®/Wi-Fi Compatability:	Bluetooth® 4.0/Standard 2.4 Ghz Wi-Fi
Bluetooth®/Wi-Fi Range:	45 m / 150 ft Bluetooth®, Up to 70 m / 200 ft Wi-Fi
Power Requirements:	220-240 V 50/60hz Input, 24V AC Output 5 ft. Power
Smart Home Capability:	Amazon Alexa + Google Assistant (English Only)
Zones:	6 or 12
Approvals:	EPA Watersense, CE, Smart Approved Watermark

6 Station	12 Station
Part #: 10294546	Part #: 10294550
Orbit Model #: 94546	Orbit Model #: 94550

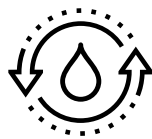
B-hyve® Indoor Smart Sprinkler Controller

The B-hyve® Smart Indoor Irrigation Controller and timer for underground sprinkler systems is designed to mount inside your home, and control your system from a smartphone. Shuts off in the rain, increases water when it's hot and decreases water in colder weather.



Set Schedules Easy

Set upcoming schedules for days or weeks and set schedules for smart watering functions as well.



Adjusts to Weather

Shuts off timer in the rain, increases watering times in the heat, and decreases them in the cold.



Control Watering

From the app on your smartphone, you can set, change, and adjust schedules, set watering durations, and receive weather information.





Specifications

Bluetooth®/Wi-Fi Compatability:	Bluetooth® 4.0 / 2.4 Ghz Wi-Fi
Bluetooth®/Wi-Fi Range:	45 m / 150 ft Bluetooth®, Up to 70 m / 200 ft Wi-Fi
Power Requirements:	Timer Input/Output: 24V AC 750 mA 60Hz
External Transformer (included):	220V AC 60Hz 23W Input, 24V 750 mA Output
Smart Home Capability:	Amazon Alexa + Google Assistant (English Only)
Zones:	8
Approvals:	EPA Watersense, CE, Smart Approved Watermark
For indoor use only	Not for use with appliances

8 Station
Part #: **1094925**
Orbit Model #: **94925**

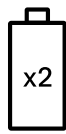
B-hyve® Smart Hose Tap Timer with Wi-Fi Hub

The B-hyve® Smart Hose Watering Timer with Wi-Fi hub will save you water, money, and time. Connect via smartphone for maximum watering control over your lawn or garden. The timer collects online weather data to optimize water usage. You only need one Wi-Fi hub, but add as many timers as you want.



Intelligent Alerts

Get alerts when: watering is done, rain delay is on, freezing temps could cause damage, and when the battery is low.



Long Life

This smart timer typically gets a full season of use, that's one year, on just 2 AA batteries.



Mass Appeal

Homeowners, Condo/ Townhouse owners, weekend patio gardeners or serious everyday gardeners, everyone can use and benefit from this watering timer.





Timer Specifications

Bluetooth® Range:	45 m / 150 ft
Pressure Operating Range:	0.8-6.81 bar / 80-681 kPa / 10-100 PSI
Power Source:	2 AA Alkaline Batteries
Smart Home Capability:	Amazon Alexa + Google Assistant (English Only)
Water Proof Rating:	IP34
Approvals:	EPA, Watersense, CE, Smart Approved Watermark

Hub Specifications

Wi-Fi Capability:	Standard 2.4 Ghz
Wi-Fi Range:	70 m / 200 ft
Temperature Operating Range:	0°- 60° C / 32°-140° F
Storage Temperature:	-20°-60° C / -4°-140° F
Input:	100 - 240V - 50/60Hz 0.2A
Output:	5V - 1.0 A
For indoor use only	

Not for use with appliances
Keep from freezing
For cold water outdoor irrigation use only

Timer	Timer and Hub
Part #: 1094995	Part #: 1094990
Orbit Model #: 94995	Orbit Model #: 94990

B-Hyve® Bluetooth® Hose Tap Timers

Hose tap watering has never been faster, easier, or more convenient with the ability to control the timer using an Apple or Android device. The B-hyve® Hose Tap Timer uses a Bluetooth® chip that has great range - up to 150 m (500 ft) line of sight.

Schedule, manually operate, and monitor water flow without climbing through shrubs to access the timer. Set watering times down to seconds, which is great for gardening, hydroponics, filling pet dishes or even bird baths. Easily connect to the timer with the push of a button via the home screen on the B-hyve® app.

If Bluetooth® doesn't provide the flexibility required, the addition of the B-hyve® Wi-Fi Hub (available separately) will connect your device from anywhere in the world.





Specifications	
Operating Pressure:	68-698 kPa / ,68-6,98 bar / 9.8-101 PSI
Operating Flow:	3.79-22.71 LPM / 1-6 GPM
Operating Temp:	0°-54° C / 32°-130° F
Threading:	BSP, NHT
Watering Time:	1-360 Minutes
Programming:	From 1-7 Days Every 1, 3, 6, or 12 Hours
Rain Delay:	1-7 Days
Power Requirements:	2 AA Alkaline Batteries

2 Port
Part #: **1094792**
Orbit Model #: **94792**

Keep from freezing
For cold water outdoor irrigation use only



CONTROLLERS AND TIMERS



Easy-Set Logic® Sprinkler Controller

This straightforward, user-friendly sprinkler controller combines simplicity of operation with feature-rich flexibility. Each model offers three independent programmes (A, B and C) with up to four start times per programme.

- Available in 4, 6, 9 or 12 stations
- Watering time of 1-240 minutes
- Indoor and outdoor UL approved locking enclosure
- Dedicated master valve/pump start terminal
- Rain delay from 24 hours to 32 days
- Rain/freeze sensor port
- 3 programmes with 4 start times per programme
- Water budgeting feature - set watering durations from 10 - 200 % of the programmed time



Specifications

Watering Time:	1-240 Minutes
Programming:	3 Programs 1-12 start times per day
Rain Delay:	24 hours to 32 days
Stations:	4, 6, 9 or 12
Rain Sensor Compatability:	Yes
Approvals:	UL, CE

4 Station
Part #: **101004**
Orbit Model #: **94894**

6 Station
Part #: **101006**
Orbit Model #: **94896**

9 Station
Part #: **101009**
Orbit Model #: **94899**

12 Station
Part #: **101012**
Orbit Model #: **94892**

Pocket Star Ultra Indoor Sprinkler Controller

The Indoor Ultra Controller includes a large easy-to-read LCD and dial. Easy to programme with flexible time settings. For best programming, use with the Orbit® B-hyve® Lite App.

- Flexible time settings - water each station 1-120 minutes
- Up to 8 start times per day - ideal for new lawns and reducing run-off
- Rain delay feature of 24, 48, and 72 hours
- Independent dual watering programmes — day(s) of week, watering intervals, and odd/even days
- Power connector for transformer eliminates hassle with bare wires
- Pump start relay connection enabled [pump start relay sold separately]
- Rain sensor connection, with by-pass switch, simplifies rain sensor installations [rain sensor sold separately]



Specifications

Watering Time:	1-240 Minutes
Programming:	2 Programs 1-8 start times per day
Rain Delay:	24, 48, and 72 hours
Stations:	4 or 6
Rain Sensor Compatability:	Yes
Approvals:	UL, CE
For indoor use only	

4 Station
Part #: **101114**
Orbit Model #: **94884**

6 Station
Part #: **101116**
Orbit Model #: **94886**

MAX™ 1 & 2 Port High Flow Tap Timers

The MAX™ 1 & 2 Port High Flow Timers will turn your hose tap into a programmed sprinkler system in minutes. With a large digital display, radial dial, and simple controls, programming is fast and easy.



Higher Flow



Rain Delay



Rainproof



Specifications

Operating Pressure:	68-698 kPa / ,68-6,98 bar / 9.8-101 PSI
Operating Flow:	3.79-22.71 LPM / 1-6 GPM
Operating Temp:	0°-54° C / 32°-130° F
Threading:	BSP, NHT
Watering Time:	1-360 Minutes
Programming:	From 1-7 Days
	Every 1, 3, 6, or 12 Hours
Rain Delay:	1-7 Days
Power Requirements:	2 AA Alkaline Batteries

Keep from freezing

For cold water outdoor irrigation use only

1 Port

Part #: **1094694**

Orbit Model #: **94694**

2 Port

Part #: **1094695**

Orbit Model #: **94695**

Buddy I & II Hose Tap Timers

The one and two port timers will turn your hose tap into a programmed sprinkler system in minutes. Each has a large digital display, oversized dial, and simple controls, which makes programming fast and easy.

- Oversized features for ease of use
- Large easy-to-read digital display
- Watering time of 1-240 minutes
- Rain delay options from 1-7 days
- Easy to set up
- Rainproof construction



Specifications

Operating Pressure:	68-698 kPa / ,68-6,98 bar / 9.8-101 PSI
Operating Flow:	3.79-22.71 LPM / 1-6 GPM
Operating Temp:	0°-54° C / 32°-130° F
Threading:	BSP, NHT
Watering Time:	1-240 Minutes
Programming:	From 1-7 Days Every 1, 3, 6, or 12 Hours
Rain Delay:	1-7 Days
Power Requirements:	2 AA Alkaline Batteries
Keep from freezing	For cold water outdoor irrigation use only

1 Port
Part #: 101011
Orbit Model #: 94162

2 Port
Part #: 101015
Orbit Model #: 94148

2 Dial Digital Timer

The Orbit Dual-Dial Hose Tap Watering Timer allows you to set your watering schedule, and then does the watering for you. With two simple dials, you can effortlessly set how often and how long you want to water for optimal garden health. It is easy to install and works with any standard outdoor hose tap or garden hose. The digital display shows you the current time and allows you to set your desired start time.

- Automatic operation conserves water.
- One dial controls how often you water and the other dial controls how long you water.
- Select any of ten watering intervals to water from every 2 hours to once per week.
- Select from eight watering duration options from 2 to 120 minutes.
- Turn duration dial to ON for instant access to water without having to remove the timer.
- One button sets the current time and the other button sets your watering start time.
- Shield your timer from dust, bugs, and inclement weather with the included cover.
- Requires 3 AA batteries (not included).



Specifications

Operating Pressure:	68-698 kPa / ,68-6,98 bar / 9.8-101 PSI
Operating Flow:	3.79-22.71 LPM / 1-6 GPM
Operating Temp:	0°-54° C / 32°-130° F
Threading:	BSP, NHT
Watering Time:	2-120 Minutes
Programming:	From 1-7 Days Every 1, 3, 6, or 12 Hours
Power Requirements:	3 AA Alkaline Batteries
Keep from freezing	For cold water outdoor irrigation use only

Part #: **101000**
Orbit Model #: **94050**

Pro Flo™ Yard Watering Kit

This automatic garden watering kit will turn your hose tap into a programmed sprinkler system in minutes. No digging is required to install. The digital timer includes a large digital display, oversized dial, and simple controls.

- Digital 4 station timer has oversized features for ease of use
- Watering time of 1-240 minutes
- Rain delay options of 1, 2, or 3 days
- Expandable up to four valves with 2 valves included (additional sold separately)
- Heavy-duty 4 port metal adjustable manifold has a swivel head for easy installation; as well as leak-free zinc ball valves to ensure high quality performance.



Specifications

Operating Pressure:	68-698 kPa / ,68-6,98 bar / 9.8-101 PSI
Operating Flow:	3.79-22.71 LPM / 1-6 GPM
Operating Temp:	0°-54° C / 32°-130° F
Threading:	BSP
Watering Time:	1-240 Minutes
Programming:	From 1-7 Days Every 1, 3, 6, or 12 Hours
Rain Delay:	1, 2, or 3 Days
Power Requirements:	2 AA Alkaline Batteries (not included)

Keep from freezing
For cold water outdoor irrigation use only

Part #: **101018**
Orbit Model #: **94013**

Mechanical Hose Tap Timer

The simplest timer configuration possible for a hose tap! This Orbit Mechanical Hose Watering Timer installs on any faucet. Attach the hose and turn the dial to the desired run time. It's really that simple. No batteries required.

- Watering time of 1-120 minutes
- No batteries required
- Built in manual watering bypass
- Easy to read numbers on dial

Specifications

Operating Pressure:	68 kPa-551,5 kPa / ,68-5,51 bar / 9.8-80 PSI
Operating Flow:	3.79-22.71 LPM / 1-6 GPM
Operating Temp.:	0°-54° C / 32°-130° F
Threading:	BSP, NHT
Watering Time:	1-120 Minutes

Keep from freezing

For cold water outdoor irrigation use only

Part #: **101010**
Orbit Model #: **97004**





VALVES





Battery-Operated Sprinkler Controller With In-Line Valve

Ideal for remote locations, the Battery-Operated Sprinkler Timer with In-line Valve is perfect for applications where no power exists. Removable, waterproof LCD timer, with Easy-Set Logic™ programming, makes for quick and easy installation.

- Two Automatic Programs with 8 start times
- Manual watering capable with rain delay option
- Expandable up to 4 valves with purchase of additional solenoids and valves
- Jar-top valve for easy maintenance



**Specifications**

Watering Time:	1-240 Minutes
Programming:	2 automatic programs, 8 start times
Rain Delay:	Compatible with rain sensor
Power Requirements:	3 AA Alkaline batteries (not included)
Approvals:	UL, CE

For cold water outdoor irrigation use only

Product color may vary

Part #: **1096840**
Orbit Model #: **96840**

25 mm L-Series Auto In-Line Valves

Designed and optimized for trouble-free operation, the L-Series valve combines the latest in innovation to create a workhorse valve for residential sprinkler systems. Soft-close design reduces water hammer and wear on the system. Reverse flow fail-safe design prevents flooding.

- 25 mm size
- Made from high-quality, injection moulded plastics capable of handling pressures up to 8.27 bar
- Reverse flow fail-safe design
- Captured lid screws and solenoid plunger
- Secured diaphragm spring to prevent loss



Specifications

Sizes:	25 mm / 1 in
Pressure Max:	8.27 bar / 827 kPa / 120 PSI

For cold water outdoor irrigation use only

25 mm NFC
Part #: **101200N**
Orbit Model #: **94481**

25 mm Jar Top Valve

The automatic irrigation valve has an easy-access screw-top lid, making access to the inner workings of the valve effortless. Requires no tools. The simple design includes manual operation.

- Threaded easy-access jar-top lid
- Heavy-duty construction with stainless steel components
- Compatible with standard residential 24-volt sprinkler systems
- Manual on/off bleed screw

Specifications

Compatible With: 19 mm & 25 mm / ¾ in & 1 in Sprinkler Systems

For cold water outdoor irrigation use only

Part #: **101202**
Orbit Model #: **96150**



25 mm Auto In-line Valve With Flow Control

- Internal bleed solenoid makes at-the-valve operation easy and spray free
- Bonnet screws provide trouble-free servicing without the use of tools
- A balanced flow design keeps equal pressure on both sides of the diaphragm while the valve is off, increasing the valve's life
- Glass-filled polypropylene bonnet for extra strength
- Self-cleaning solenoid filter with pilot-flow 90-mesh (200 micron) screen

Specifications

Compatible With: 25 mm / 1 in Sprinkler Systems

For cold water outdoor irrigation use only

Part #: **101200**
Orbit Model #: **94083**



HRB 150 BSP Commerical Valve

- 40 mm and 50 mm size
- Fiber reinforced body delivers superior strength under extreme conditions
- Solid brass and stainless steel components ensure corrosion resistance
- Slow-closing reinforced diaphragm protects against water hammer
- Pilot hole filter screen reduces risk of clogging
- Stainless steel studs prevent possible damage due to over tightening and corrosion
- Manual internal bleed enables convenient, water efficient manual operation
- Manual external bleed enables fast and seasonal startup and shutdown
- Low and high flow satisfies a wide range of flow conditions and application requirements
- Flow control stem provides ability to adjust flow over a wide range
- One-piece solenoid design secures plunger in solenoid body



Specifications

Sizes: 40 & 50 mm / 1.5 & 2 in
Pressure Max: 13.80 bar / 1380 kPa / 200 PSI

For cold water outdoor irrigation use only

40 mm
Part #: **101260**
Orbit Model #: **05105**

50 mm
Part #: **101270**
Orbit Model #: **05106**







SUB-SURFACE SPRINKLERS

Voyager II® Gear Drive Sprinkler

The Voyager II® is the time-tested and proven standard gear driven pop-up sprinkler head for medium to large watering areas. Provides coverage from a 7-15 metre radius in a part to full circle spray pattern. This supremely reliable gear driven rotor ensures even water coverage as well as a whisper quiet spray. Adjustment key included for easy 25-360 degree setup.

- Spray distance up to 15.84 metres
- 25-360 degree adjustment
- Adjustment key and nozzle rack included
- 19 mm inlet



Specifications





Spray Distance:	6.7-15.84 m / 22-52 ft.
Operating Pressure:	2.06-4.82 bar / 206-482 kPa / 30-70 PSI
Flow Rate:	1.13-36.33 LPM / 0.3-9.6 GPM
Inlet:	19 mm / 3/4" FPT

Retail
Part #: 101800
Orbit Model #: 55661

Professional
Part #: 101803
Orbit Model #: 94161A

Voyager® Nozzle Performance Chart

NOZZLE	PRESSURE BAR	PRESSURE kPa	PRESSURE PSI	RADIUS M	RADIUS FT	FLOW LPM	FLOW GPM	PRECIP. MM/H ■	PRECIP MM/H ▲	PRECIP. IN./H ■	PRECIP. IN./H ▲
1	1.72	172	25	8.53	28	2.65	0.7	4.57	5.08	0.18	0.20
	2.41	241	35	9.14	30	3.40	0.9	4.57	5.33	0.18	0.21
	3.10	310	45	9.45	31	3.79	1.0	5.08	5.84	0.20	0.23
	3.79	379	55	9.45	31	4.16	1.1	5.59	6.60	0.22	0.26
	4.48	448	65	9.45	31	4.92	1.3	6.60	7.62	0.26	0.30
2	1.72	172	25	8.53	31	5.30	1.4	7.11	8.13	0.28	0.32
	2.41	241	35	9.14	34	6.44	1.7	7.37	8.64	0.29	0.34
	3.10	310	45	9.45	35	7.57	2.0	8.13	9.40	0.32	0.37
	3.79	379	55	9.45	36	8.71	2.3	8.89	10.41	0.35	0.41
	4.48	448	65	9.45	37	9.46	2.5	9.14	10.67	0.36	0.42
3	1.72	172	25	8.53	31	7.95	2.1	10.92	12.45	0.43	0.49
	2.41	241	35	9.14	35	9.84	2.6	10.41	12.19	0.41	0.48
	3.10	310	45	9.45	38	11.36	3.0	10.41	11.94	0.41	0.47
	3.79	379	55	9.45	39	12.49	3.3	10.41	12.19	0.41	0.48
	4.48	448	65	9.45	40	13.63	3.6	10.92	12.45	0.43	0.49
4	1.72	172	25	8.53	33	10.60	2.8	12.70	14.48	0.50	0.57
	2.41	241	35	9.14	38	12.87	3.4	11.68	13.46	0.46	0.53
	3.10	310	45	9.45	40	15.14	4.0	12.45	14.22	0.49	0.56
	3.79	379	55	9.45	42	17.03	4.5	12.70	14.73	0.50	0.58
	4.48	448	65	9.45	43	18.93	5.0	12.95	14.99	0.51	0.59
8	1.72	172	25	8.53	36	22.71	6.0	22.61	26.16	0.89	1.03
	2.41	241	35	9.14	45	26.88	7.1	17.27	20.07	0.68	0.79
	3.10	310	45	9.45	50	30.28	8.0	16.00	18.54	0.63	0.73
	3.79	379	55	9.45	51	33.31	8.8	16.76	19.30	0.66	0.76
	4.48	448	65	9.45	52	36.34	9.6	17.27	20.07	0.68	0.79
L 0.5	1.72	172	25	8.53	24	1.14	0.3	2.54	3.05	0.10	0.12
	2.41	241	35	9.14	26	1.51	0.4	2.79	3.30	0.11	0.13
	3.10	310	45	9.45	28	1.89	0.5	3.05	3.56	0.12	0.14
	3.79	379	55	9.45	29	2.27	0.6	3.56	4.06	0.14	0.16
	4.48	448	65	9.45	31	2.65	0.7	3.56	4.06	0.14	0.16
L 1	1.72	172	25	8.53	23	2.65	0.7	6.60	7.62	0.26	0.30
	2.41	241	35	9.14	26	3.41	0.9	6.35	7.37	0.25	0.29
	3.10	310	45	9.45	29	3.79	1.0	5.84	6.60	0.23	0.26
	3.79	379	55	9.45	31	4.54	1.2	6.35	7.37	0.25	0.29
	4.48	448	65	9.45	32	5.30	1.4	7.11	7.87	0.27	0.31
L 1.5	1.72	172	25	8.53	23	4.54	1.2	11.18	12.70	0.44	0.50
	2.41	241	35	9.14	27	4.92	1.3	8.89	10.16	0.35	0.40
	3.10	310	45	9.45	29	5.68	1.5	8.64	10.16	0.34	0.40
	3.79	379	55	9.45	31	6.43	1.7	8.89	10.16	0.35	0.40
	4.48	448	65	9.45	32	7.19	1.9	9.14	10.67	0.36	0.42
L 2	1.72	172	25	8.53	23	6.06	1.6	14.73	17.02	0.58	0.67
	2.41	241	35	9.14	27	6.81	1.8	12.45	14.48	0.49	0.57
	3.10	310	45	9.45	29	7.57	2.0	11.43	13.21	0.45	0.52
	3.79	379	55	9.45	32	8.33	2.2	10.92	12.45	0.43	0.49
	4.48	448	65	9.45	33	9.08	2.4	10.67	12.45	0.42	0.49
L 3	1.72	172	25	8.53	30	9.84	2.6	14.48	16.51	0.57	0.65
	2.41	241	35	9.14	36	10.60	2.8	10.67	12.19	0.42	0.48
	3.10	310	45	9.45	40	11.36	3.0	9.40	10.92	0.37	0.43
	3.79	379	55	9.45	41	12.49	3.3	9.40	10.92	0.37	0.43
	4.48	448	65	9.45	42	13.25	3.5	8.89	11.18	0.38	0.44

PATTERN		SUGGESTED NOZZLE	SUGGESTED L NOZZLE
	90°	1	L 0.5
	180°	2	L 1
	270°	3	L 1.5
	360°	4	L 2

For optimal matched precipitation, use the suggested nozzle when the indicated pattern is set.

All Precipitation rates were calculated using 180° operation. The precipitation rate for 360° of operation would be half of the value in the table. 8.0 is designed for single-head and pasture applications.

Saturn III® Gear Drive

The Saturn III® gear drive rotor sprinkler heads is ideal for medium watering areas. Provides a coverage radius of 4.5 - 7 metres and is adjustable from 40 to 360 degrees.

- For medium-sized coverage areas
- Spray distance adjusts between 4.5 and 7 metres
- 10 cm pop-up height with a 12 mm fitting size
- Quiet gear drive for low noise output
- Precision-engineered nozzles and spray patterns help provide even coverage and help eliminate dry spots
- Swing arc adjusts between 40 degrees and 360 degrees

Saturn III® Nozzle Performance Chart

NOZZLE	PRESSURE BAR	PRESSURE kPa	PRESSURE PSI	RADIUS M	RADIUS FT	FLOW LPM	FLOW GPM
0.75 RED	2.07	207	30	5.18	17	2.42	0.64
	2.76	276	40	5.49	18	2.84	0.75
	3.45	345	50	5.49	18	3.22	0.85
1.5 BLUE	2.07	207	30	7.01	23	4.92	1.30
	2.76	276	40	7.32	24	5.68	1.50
	3.45	345	50	7.32	24	6.44	1.70
3.0 GREEN	2.07	207	30	8.53	28	9.46	2.50
	2.76	276	40	9.14	30	11.36	3.00
	3.45	345	50	9.14	30	12.87	3.40
4.0 BLACK	2.07	207	30	10.01	33	12.87	3.40
	2.76	276	40	10.67	35	15.14	4.00
	3.45	345	50	10.67	35	17.41	4.50

Specifications

Spray Distance:	4.5-7.6 m / 15-25 ft.
Operating Pressure:	2.06-4.82 bar / 206-482 kPa / 30-60 PSI
Flow Rate:	1.13-36.33 LPM / 0.3-9.6 GPM
Inlet:	12 mm / 1/2" FNPT

For cold water outdoor irrigation use only

Retail

Part #: **101811**
Orbit Model #: **94215**

Professional

Part #: **101813**
Orbit Model #: **55169**



Saturn III® Nozzles

Four replacement nozzles for the Saturn III® or Saturn II® gear drive. Installation is simple. 2.8 LPM, 5.6 LPM, 11.3 LPM and 15 LPM Nozzles.

Part #: **101815**
Orbit Model #: **55075**



Voyager® Standard Nozzle Rack & key

This set includes 10 replacement nozzles for the Voyager® gear drive. Installation is simple. Works with all Voyager® gear drive models.

Nozzle Rack
Part #: **101807**
Orbit Model #: **55071**

Adjustment Key
Part #: **101805**
Orbit Model #: **55070**



Pulse XL™ Pop-Up Impact

The Pulse XL™ pop-up has a coverage up to 13.7 metre radius. Features a 7.62 cm pop-up height. Dual 19 mm and 12mm threaded bottom inlets. 12mm threaded side inlet. Extra nozzles included for use in high pressure or low-pressure irrigation systems. Full or part circle coverage.

- Spray distance up to 13.7 metres
- 7.5 cm pop-up when head is up
- 0.5 cm standard nozzle, 25° angle
- Fully adjustable spray pattern

Specifications

Spray Distance:	Up to 13.7 m / 45 ft radius
Inlet:	19 mm and 12 mm / 3/4" and 1/2"
Pattern:	Fully Adjustable

For cold water outdoor irrigation use only

Part #: **101700N**
Orbit Model #: **55201**



Titan™ Shrub Gear Drive Sprinkler

The Titan™ Shrub Gear Drive Sprinkler is optimized for watering shrubs and flower beds. It is easy to adjust with no special tools required.

- Spray distance up to 9.14 metres
- Fully adjustable spray pattern

Specifications

Spray Distance:	Up to 9.14 m / 30 ft radius
Inlet:	19 mm and 12 mm / 3/4" and 1/2"
Pattern:	Fully Adjustable

For cold water outdoor irrigation use only

Part #: **101850**

Orbit Model #: **55045**



40-76 cm Aluminum Adjustable Riser With Adjustable Nozzle

The height on this riser can be adjusted from 40 cm to 76 cm as plants and shrubs grow. The nozzle adjusts to spray in a part to full circle and includes a water-flow adjustment screw. Great for growing shrubs and plants, and flower bed areas. Adjusts to spray in a part to full circle. Works with or replaces shrub sprinklers. 12 mm male threaded.

- Adjustable height from 40-76 cm
- Fully adjustable spray pattern
- Great for shrubs and plants
- 12 mm male threaded

Specifications

Spray Distance:	3-4.5 m / 10-15 ft
Height:	40-76 cm / 16-30"
Material:	Aluminum

For cold water outdoor irrigation use only

Part #: **101930**

Orbit Model #: **37330**



300 Series Slim Spray Head Sprinkler

The slim spray pop-up sprinkler head, with its standard plastic cap and long lasting, durable construction, offers convenience, ease and value. This medium area sprinkler head includes a plastic nozzle with an adjustment screw for easy flow and radius adjustment. A drop-in filter helps prevent a plugged nozzle. A stainless steel retraction spring and a wiper seal keep out sand and grit.

- Replaceable female nozzle
- Tapered TPR wiper seal for blow-by resistance and smooth retraction
- Strengthened cap
- Stronger spring

Pop-Up with Adjustable Nozzle		PN#	Orbit Model #
100 mm / 4 in Pop-Up	3 m nozzle	102910HR	94491
100 mm / 4 in Pop-Up	3.6 m nozzle	102912HR	94492
100 mm / 4 in Pop-Up	4.6 m nozzle	102915HR	94493
100 mm / 4 in Pop-Up	5.5 m nozzle	102918HR	94494
100 mm / 4 in Pop-Up	With Flush Cap	103900HR	94488

For cold water outdoor irrigation use only



Classic Slim Spray Head Sprinkler

Adjustable nozzles spray up to 5.5 metres that are available in 50 mm or 100 mm pop up sizes. **Available while supplies last.**

- Adjustable spray nozzles range from 1.2 m – 5.5 m spray distances with easy to adjust nozzles (0°-360°)
- Ratchet feature allows easy spray direction adjustment
- The 400 series offers an extensive line of innovative spray heads for garden and shrub areas
- Great for use in residential and commercial landscapes

Pop-Up with Adjustable Nozzle		PN#	Orbit Model #
50 mm / 2 in Pop-Up	3 m nozzle	101810HR	94503
50 mm / 2 in Pop-Up	3.7 m nozzle	101812HR	94506
50 mm / 2 in Pop-Up	4.6 m nozzle	101815HR	94509
50 mm / 2 in Pop-Up	5.5 m nozzle	101818HR	94512
100 mm / 4 in Pop-Up	3 m nozzle	101910HR	94504
100 mm / 4 in Pop-Up	3.7 m nozzle	101912HR	94507
100 mm / 4 in Pop-Up	4.6 m nozzle	101915HR	94510
100 mm / 4 in Pop-Up	5.5 m nozzle	101918HR	94513
100 mm / 4 in Pop-Up	With Flush Cap	102900HR	94097

For cold water outdoor irrigation use only



500 Series Spray Head Non-Pressure Regulated



- Recommended incoming pressure range of 1.03-4.82 bar / 103-482 kPa / 15-70 PSI
- Burst pressure: 13.78 bar / 1378 kPa / 200 PSI
- Flow-by is 0 lpm/gpm at .68 bar / 680 kPa / 10 PSI or greater; less than 3.75 lpm or 0.25 gpm otherwise
- 10,000 cycle life expectancy
- Improved designed for low pressure:
 - Stem begins extension at .27 bar / 27 kPa / 4 PSI
 - Seal activates at .48 bar / 48 kPa / 7 PSI
 - Spray pattern operational at 1.03 bar / 103 kPa / 15 PSI

Cap

- Stronger cap, better resists damage
- Fast identification: Black cap for non-pressure regulated

Body

- Polypropylene Material: Withstands freeze/thaw cycles better than ABS
- Built in debris catcher
- 12.7 mm (½ in) Female Pipe Thread inlet

Stem

- Chamber on the stem base assists with debris removal during extension and retraction.
- Improved ratchet mechanism for a positive lock and smoother turning

Non-Pressure Regulated Adjustable		PN#	Orbit Model #
50 mm / 2 in Pop-Up	4.6 m nozzle	102910	54509
100 mm / 4 in Pop-Up	4.6 m nozzle	102900	54505
Non-Pressure Regulated Flush Cap			
50 mm / 2 in Pop-Up		102922	94389
100 mm / 4 in Pop-Up		102924	94390





NOZZLES





Adjustable Pattern Nozzles


A

Retail
Part #: **101904NP**
Orbit Model #: **53580L**

Professional
Part #: **102904NP**
Orbit Model #: **53876**

1.2 m (4')


B

Retail
Part #: **101908NP**
Orbit Model #: **53581L**

Professional
Part #: **102965**
Orbit Model #: **53889**

2.4 m (8')


C

Retail
Part #: **101910NP**
Orbit Model #: **53582**

Professional
Part #: **102966**
Orbit Model #: **53878**

3 m (10')


D

Retail
Part #: **101912NP**
Orbit Model #: **53583L**

Professional
Part #: **102970**
Orbit Model #: **53879**

3.6 m (12')


E

Retail
Part #: **101915NP**
Orbit Model #: **53584L**

Professional
Part #: **102975**
Orbit Model #: **53880**

4.5 m (15')


F

Retail
Part #: **101918NP**
Orbit Model #: **53585**

Professional
Part #: **102976**
Orbit Model #: **53881**

5.5 m (18')

Strip Nozzles

G 1.2 x 4.5 m (4 x 15')

SIDE STRIP

Part #: **101915SS**
Orbit Model #: **53506L**


END STRIP

Part #: **101915ES**
Orbit Model #: **53508L**

Adjustable Shrub Head Nozzles

H


Part #: **101960**
Orbit Model #: **54020**

4.5 m (15')

Shrub Head Nozzles





































9.1 x 4.5 m (30 x 15')


CENTER STRIP

Part #: **101980**
Orbit Model #: **94284**



		PRESSURE BAR	PRESSURE kPa	PRESSURE PSI	RADIUS M	RADIUS FT	FLOW LPM	FLOW GPM	PRECIP. MM/H 	PRECIP. MM/H 	PRECIP. IN./H 	PRECIP. IN./H 	
A	0° TRAJECTORY		1.03	103.42	15	1.2	4	1.51	0.40	241	279	9.50	10.98
			1.38	137.90	20	1.2	4	1.59	0.42	257	297	10.11	11.68
			1.72	172.37	25	1.2	4	1.74	0.46	278	321	10.95	12.65
			2.06	206.84	30	1.2	4	1.82	0.48	293	339	11.55	13.34
			1.03	103.42	15	1.2	4	2.99	0.79	241	279	9.50	10.98
			1.38	137.90	20	1.2	4	2.80	0.74	257	297	10.11	11.68
			1.72	172.37	25	1.2	4	3.44	0.91	278	321	10.95	12.65
			2.06	206.84	30	1.2	4	3.63	0.96	293	339	11.55	13.34
			1.03	103.42	15	1.2	4	4.50	1.19	241	279	9.50	10.98
			1.38	137.90	20	1.2	4	4.77	1.26	257	297	10.11	11.68
			1.72	172.37	25	1.2	4	5.19	1.37	278	321	10.95	12.65
			2.06	206.84	30	1.2	4	5.45	1.44	293	339	11.55	13.34
			1.03	103.42	15	1.2	4	5.98	1.58	241	279	9.50	10.98
			1.38	137.90	20	1.2	4	6.36	1.68	257	297	10.11	11.68
			1.72	172.37	25	1.2	4	6.89	1.82	278	321	10.95	12.65
			2.06	206.84	30	1.2	4	7.27	1.92	293	339	11.55	13.34
B	5° TRAJECTORY		1.03	103.42	15	2.1	7	2.01	0.53	106	122	4.16	4.81
			1.38	137.90	20	2.1	7	2.20	0.58	115	133	4.52	5.22
			1.72	172.37	25	2.4	8	2.35	0.62	94	109	3.70	4.27
			2.06	206.84	30	2.7	9	2.46	0.65	78	91	3.09	3.57
			1.03	103.42	15	2.1	7	4.01	1.06	106	122	4.16	4.81
			1.38	137.90	20	2.1	7	4.35	1.15	115	133	4.52	5.22
			1.72	172.37	25	2.4	8	4.66	1.23	94	109	3.70	4.27
			2.06	206.84	30	2.7	9	4.92	1.30	78	91	3.09	3.57
			1.03	103.42	15	2.1	7	6.02	1.59	106	122	4.16	4.81
			1.38	137.90	20	2.1	7	6.55	1.73	115	133	4.52	5.22
			1.72	172.37	25	2.4	8	7.00	1.85	94	109	3.70	4.27
			2.06	206.84	30	2.7	9	7.38	1.95	78	91	3.09	3.57
			1.03	103.42	15	2.1	7	8.02	2.12	106	122	4.16	4.81
			1.38	137.90	20	2.1	7	8.70	2.30	115	133	4.52	5.22
			1.72	172.37	25	2.4	8	9.31	2.46	94	109	3.70	4.27
			2.06	206.84	30	2.7	9	9.84	2.60	78	91	3.09	3.57
C	10° TRAJECTORY		1.03	103.42	15	2.4	8	1.93	0.51	77	89	3.04	3.51
			1.38	137.90	20	2.4	8	2.16	0.57	87	101	3.43	3.96
			1.72	172.37	25	2.7	9	2.23	0.59	72	83	2.82	3.25
			2.06	206.84	30	3.0	10	2.54	0.67	65	75	2.56	2.96
			1.03	103.42	15	2.4	8	3.82	1.01	77	89	3.04	3.51
			1.38	137.90	20	2.4	8	4.31	1.14	87	101	3.43	3.96
			1.72	172.37	25	2.7	9	4.50	1.19	72	83	2.82	3.25
			2.06	206.84	30	3.0	10	5.03	1.33	65	75	2.56	2.96
			1.03	103.42	15	2.4	8	5.75	1.52	77	89	3.04	3.51
			1.38	137.90	20	2.4	8	6.47	1.71	87	101	3.43	3.96
			1.72	172.37	25	2.7	9	6.74	1.78	72	83	2.82	3.25
			2.06	206.84	30	3.0	10	7.57	2.00	65	75	2.56	2.96
			1.03	103.42	15	2.4	8	7.65	2.02	77	89	3.04	3.51
			1.38	137.90	20	2.4	8	8.63	2.28	87	101	3.43	3.96
			1.72	172.37	25	2.7	9	8.97	2.37	72	83	2.82	3.25
			2.06	206.84	30	3.0	10	10.07	2.66	65	75	2.56	2.96
D	15° TRAJECTORY		1.03	103.42	15	3.4	11	1.97	0.52	42	49	1.65	1.91
			1.38	137.90	20	3.4	11	2.31	0.61	49	57	1.94	2.24
			1.72	172.37	25	3.7	12	2.65	0.70	47	55	1.86	2.15
			2.06	206.84	30	4.0	13	2.69	0.71	41	47	1.61	1.86
			1.03	103.42	15	3.4	11	3.94	1.04	42	49	1.65	1.91
			1.38	137.90	20	3.4	11	4.62	1.22	49	57	1.94	2.24
			1.72	172.37	25	3.7	12	5.30	1.40	47	55	1.86	2.15
			2.06	206.84	30	4.0	13	5.34	1.41	41	47	1.61	1.86
			1.03	103.42	15	3.4	11	5.90	1.56	42	49	1.65	1.91
			1.38	137.90	20	3.4	11	6.93	1.83	49	57	1.94	2.24
			1.72	172.37	25	3.7	12	7.91	2.09	47	55	1.86	2.15
			2.06	206.84	30	4.0	13	8.02	2.12	41	47	1.61	1.86
			1.03	103.42	15	3.4	11	7.87	2.08	42	49	1.65	1.91
			1.38	137.90	20	3.4	11	9.24	2.44	49	57	1.94	2.24
			1.72	172.37	25	3.7	12	10.56	2.79	47	55	1.86	2.15
			2.06	206.84	30	4.0	13	10.67	2.82	41	47	1.61	1.86

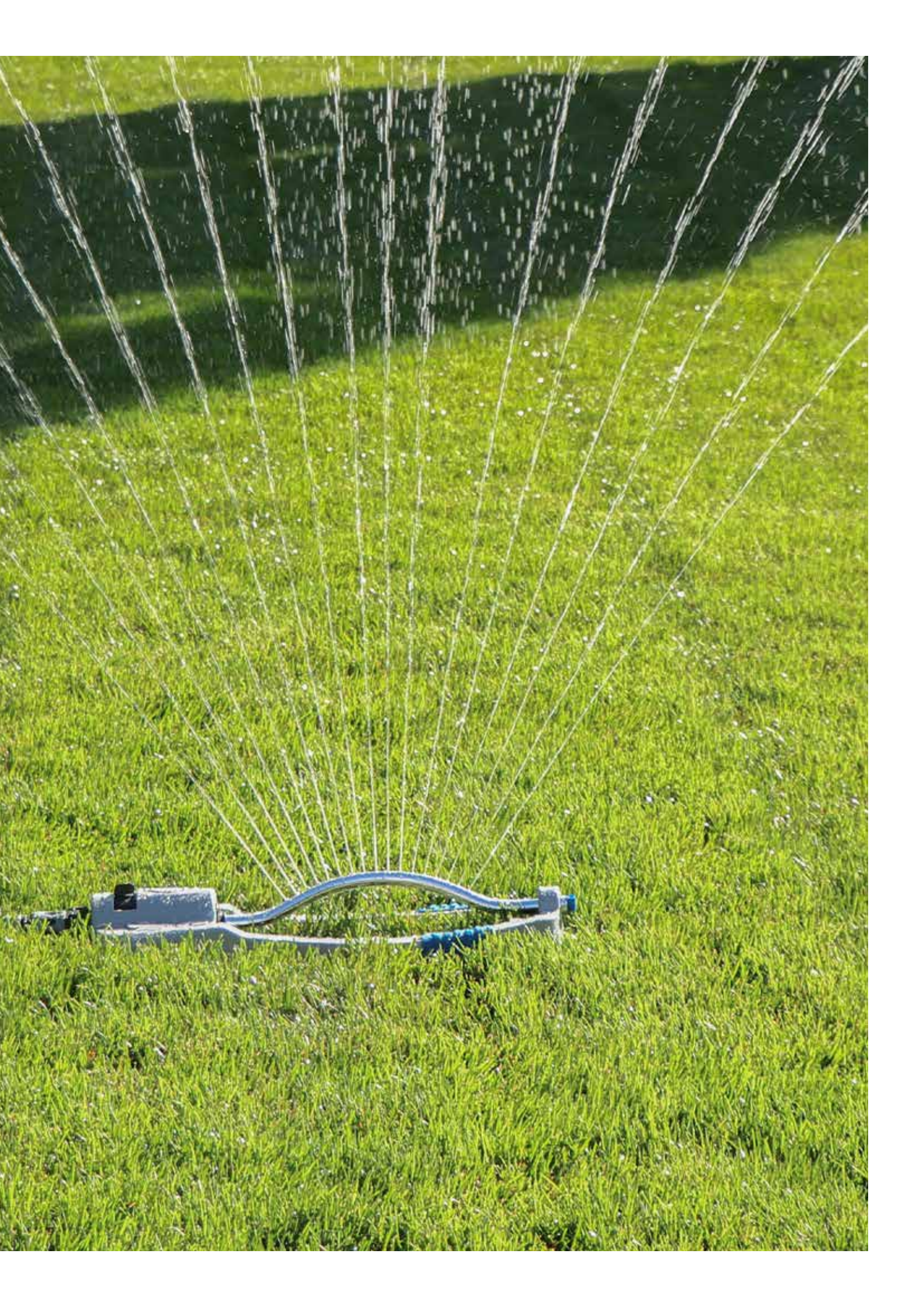
		PRESSURE BAR	PRESSURE kPa	PRESSURE PSI	RADIUS M	RADIUS FT	FLOW LPM	FLOW GPM	PRECIP. MM/H 	PRECIP. MM/H 	PRECIP. IN./H 	PRECIP. IN./H 
E		1.03	103.42	15	4.3	14	2.61	0.69	34	40	1.35	1.56
		1.38	137.90	20	4.3	14	2.73	0.72	36	41	1.41	1.63
		1.72	172.37	25	4.6	15	2.84	0.75	33	38	1.29	1.49
		2.06	206.84	30	4.9	16	2.95	0.78	30	34	1.17	1.36
		1.03	103.42	15	4.3	14	5.22	1.38	34	40	1.35	1.56
		1.38	137.90	20	4.3	14	5.45	1.44	36	41	1.41	1.63
		1.72	172.37	25	4.6	15	5.72	1.51	33	38	1.29	1.49
		2.06	206.84	30	4.9	16	5.90	1.56	30	34	1.17	1.36
		1.03	103.42	15	4.3	14	7.80	2.06	34	40	1.35	1.56
		1.38	137.90	20	4.3	14	8.14	2.15	36	41	1.41	1.63
		1.72	172.37	25	4.6	15	8.55	2.26	33	38	1.29	1.49
		2.06	206.84	30	4.9	16	8.86	2.34	30	34	1.17	1.36
		1.03	103.42	15	4.3	14	10.41	2.75	34	40	1.35	1.56
		1.38	137.90	20	4.3	14	10.86	2.87	36	41	1.41	1.63
		1.72	172.37	25	4.6	15	11.39	3.01	33	38	1.29	1.49
		2.06	206.84	30	4.9	16	11.81	3.12	30	34	1.17	1.36
F		1.03	103.42	15	4.6	15	2.69	0.71	31	36	1.22	1.41
		1.38	137.90	20	4.9	16	2.80	0.74	28	33	1.11	1.29
		1.72	172.37	25	5.2	17	2.95	0.78	26	30	1.04	1.20
		2.06	206.84	30	5.5	18	3.14	0.83	25	29	0.98	1.13
		1.03	103.42	15	4.6	15	5.41	1.43	31	36	1.22	1.41
		1.38	137.90	20	4.9	16	5.60	1.48	28	33	1.11	1.29
		1.72	172.37	25	5.2	17	5.90	1.56	26	30	1.04	1.20
		2.06	206.84	30	5.5	18	6.25	1.65	25	29	0.98	1.13
		1.03	103.42	15	4.6	15	8.10	2.14	31	36	1.22	1.41
		1.38	137.90	20	4.9	16	8.40	2.22	28	33	1.11	1.29
		1.72	172.37	25	5.2	17	8.86	2.34	26	30	1.04	1.20
		2.06	206.84	30	5.5	18	9.39	2.48	25	29	0.98	1.13
		1.03	103.42	15	4.6	15	10.79	2.85	31	36	1.22	1.41
		1.38	137.90	20	4.9	16	11.20	2.96	28	33	1.11	1.29
		1.72	172.37	25	5.2	17	11.81	3.12	26	30	1.04	1.20
		2.06	206.84	30	5.5	18	12.49	3.30	25	29	0.98	1.13
		PRESSURE BAR	PRESSURE kPa	PRESSURE PSI	RADIUS WIDTH M	RADIUS LENGTH M	RADIUS WIDTH FT	RADIUS LENGTH FT			FLOW LPM	FLOW GPM
G		1.03	103.42	15	1.2	7.9	4	26			3.37	0.89
		1.38	137.90	20	1.2	8.5	4	28			3.79	1.00
		1.72	172.37	25	1.2	8.5	4	28			4.20	1.11
		2.06	206.84	30	1.2	9.1	4	30			4.58	1.21
		1.03	103.42	15	1.2	4.0	4	13			1.70	0.45
		1.38	137.90	20	1.2	4.3	4	14			1.89	0.50
		1.72	172.37	25	1.2	4.3	4	14			2.12	0.56
		2.06	206.84	30	1.2	4.6	4	15			2.31	0.61





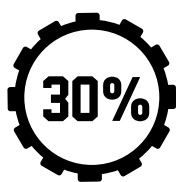
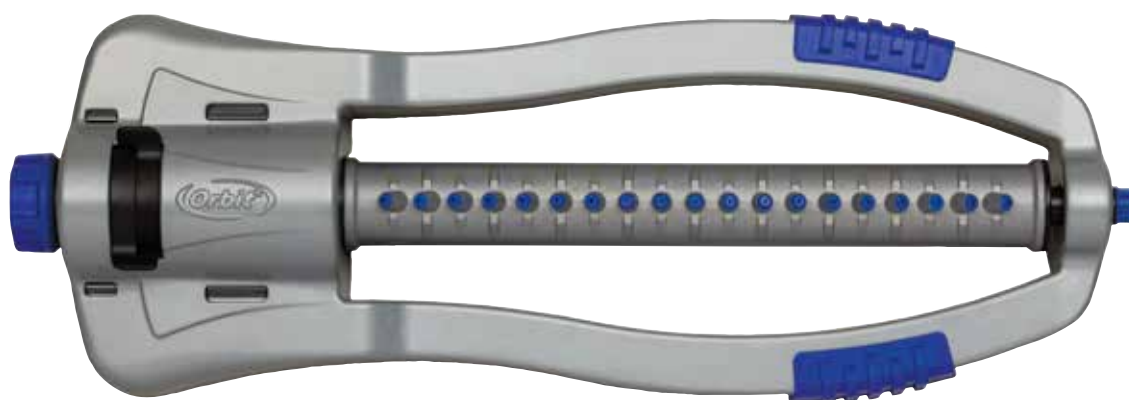
ABOVE GROUND SPRINKLERS





MAX™ Metal Curved Bar Oscillator

The MAX™ oscillators are ideal for watering large rectangular areas. Easily slide the two tabs to adjust the spray distance from full coverage to partial coverage. The wide metal base makes repositioning easy and reduces tipping during watering. Designed with precision nozzles and a state-of-the-art gear driven motor.



**Higher
Flow**



**State-Of-The-Art
Gear Drive Motor**



**Durable, Metal
Construction**

Specifications

Operating Pressure:	68-698 kPa / ,68-6,98 bar / 9.8-101 PSI
Operating Flow:	3.79-22.71 LPM / 1-6 GPM
Operating Temp:	0°-54° C / 32°-130° F
Threading:	BSP, NHT
Area Coverage:	334 m ²
Base Material:	Metal

For cold water outdoor irrigation use only

Part #: **1094145**
Orbit Model #: **94145**



12 mm Plastic Impact Sprinkler Head

The 12 mm Plastic Impact Sprinkler Head is durable and designed to water up to a diameter of 24 metres and is easily adjustable from a partial to full circle. A deflector shield and anti-backsplash arm aid in spray pattern and area coverage.



Specifications

Operating Pressure:	68-698 kPa / 68-6,98 bar / 9.8-101 PSI
Operating Flow:	3.79-22.71 LPM / 1-6 GPM
Threading:	NHT
Coverage:	Up to 24 m / 80 ft diameter

For cold water outdoor irrigation use only

Part #: **101720**
Orbit Model #: **58007N**



Traveling Sprinkler

The Travelling Sprinkler is self-propelled and uses water pressure to move along a hose path that you set to create your own personalized watering system (hose not included). The body is made of cast iron, and is heavy enough to ensure it travels along the hose path without stalling. The rotary spray provides even coverage. Set it to neutral and use it as a stationary sprinkler.

- Covers up to 1,254 metres squared along 61 metres of hose
- 3-Position Speed Control - Select from high, low, or neutral speed settings
- Adjustable Diameter Spray Coverage - of a minimum of 5 m and up to 17 m maximum coverage
- Automatic Shut-off - Use the ramp stop at any location along the hose length to turn off sprinkler.
- Self-propelled Sprinkler - Position sprinkler atop any 18 mm hose in any pattern you select.
- Spiked rear wheels and durable gears provide smooth travel

Specifications

Operating Pressure:	68-698 kPa / ,68-6,98 bar / 9.8-101 psi
Operating Flow:	3.79-22.71 LPM / 1-6 GPM
Operating Temp:	0°-54° C / 32°-130° F
Threading:	BSP, NHT
Coverage:	up to 1,254 m2 along 61 m of hose

For cold water outdoor irrigation use only

Part #: **10296322**
Orbit Model #: **96322**



Perfect Pattern™ Sprinkler

Water all garden shapes and adjust to all contours with the Perfect Pattern™ Sprinkler. Shorten or lengthen the spray at 12 different points for precise coverage. Waters evenly and reduces water waste. Designed with a whisper quiet gear drive, the dual spray nozzles water evenly and reduce water waste.



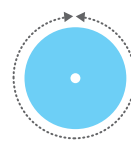
large area



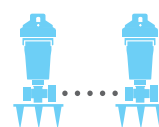
odd-shape area



adjustable
diameter




0-360 rotation



connect
multiple



Specifications		PRESSURE	MIN. DISTANCE	MAX. DISTANCE
Operating Pressure:		1.37 bar / 137 kPa / 20 PSI	2.75 m / 9 ft	5.79 m / 19 ft
Operating Flow:	3.79-22.71 LPM / 1-6 GPM	3.10 bar / 310 kPa / 45 PSI	3.35 m / 11 ft	8.23 m / 27 ft
Operating Temp:	0°-54° C / 32°-130° F	4.82 bar / 482 kPa / 70 PSI	4.26 m / 14 ft	9.14 m / 30 ft
Threading:	BSP, NHT			

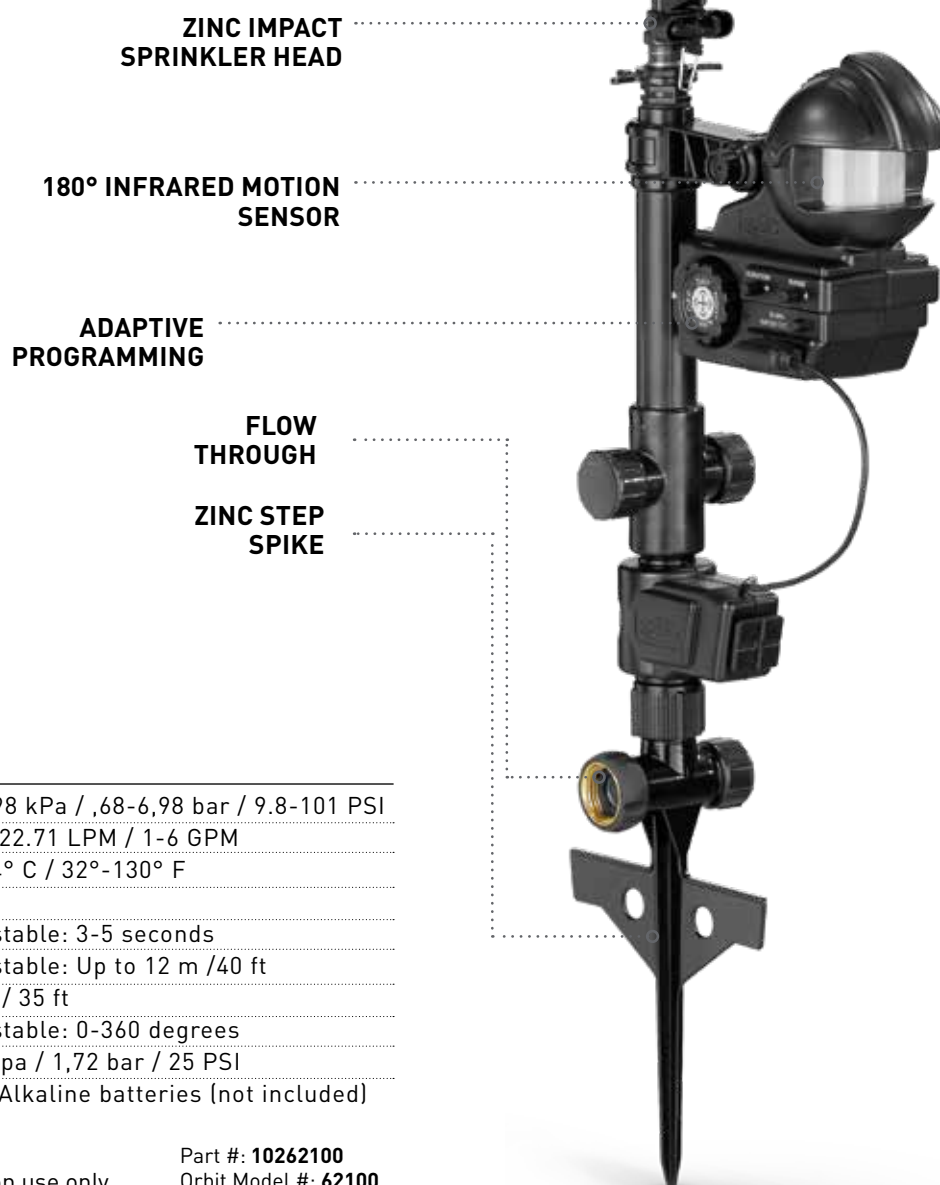
Keep from freezing
For cold water outdoor irrigation use only

Part #: **1094093**
Orbit Model #: **94093**

Yard Enforcer®

The Orbit® Yard Enforcer® is perfect for keeping unwanted animals out of your garden. This innovative sprinkler provides motion-activated watering to protect your plants and garden. The motion sensor is easily adjusted for sensitivity and range. The sturdy zinc spike provides easy positioning and provides an additional outlet for attaching multiple sprinklers.

- Oversized features for ease of use
- Large easy-to-read digital display
- Watering time of 1-240 minutes
- Rain delay options from 1-7 days
- Easy to set up
- Rainproof construction



Specifications

Operating Pressure:	68-698 kPa / ,68-6,98 bar / 9.8-101 PSI
Operating Flow:	3.79-22.71 LPM / 1-6 GPM
Operating Temp:	0°-54° C / 32°-130° F
Threading:	NHT
Water Burst Time:	Adjustable: 3-5 seconds
Range Detection:	Adjustable: Up to 12 m /40 ft
Sprinkler Radius:	11 m / 35 ft
Sprinkler Arc:	Adjustable: 0-360 degrees
Pressure Regulator:	172 kpa / 1,72 bar / 25 PSI
Power Source:	4 AA Alkaline batteries (not included)

Keep from freezing
For cold water outdoor irrigation use only

Part #: **10262100**
Orbit Model #: **62100**



A close-up photograph of a light blue mechanical device, possibly a pen or a stylus. The device has a black ribbed handle at the top and a black knob at the bottom. The main body is a light blue color with a smooth, slightly textured surface. The background is a soft, out-of-focus grey.

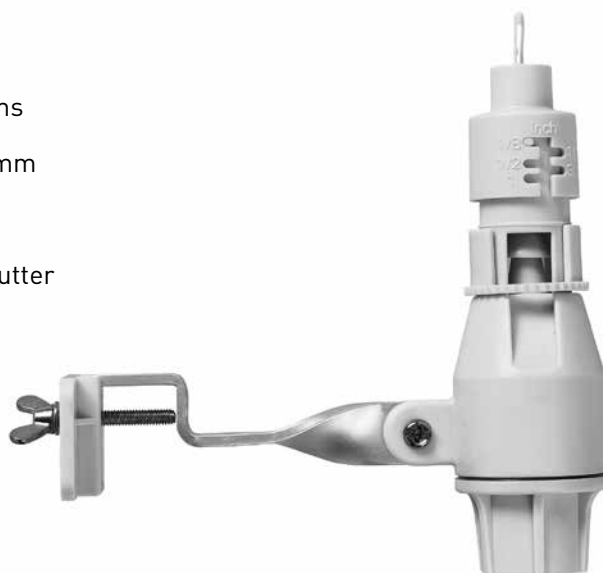
ACCESSORIES



Rain/Freeze Sensor, Hard Wired

The hard-wired rain sensor prevents the sprinkler system from watering during weather events, helping to conserve water. Easily mounts to any surface.

- Universal - works with new and existing sprinkler systems
- Adjustable rain sensitivity - five settings from 3mm - 19mm
- 9 metres of connection wire included
- Three easy mounting options - threaded, slip, and rain gutter
- For use with all 24 volt controllers



Specifications

Adjustable:	3mm, 6mm, 12mm, 19mm
	1/8", 1/4", 1/2", 3/4", 1"
Voltage Compatibility:	24V
Wire Length Included:	9 m / 30 ft

For cold water outdoor irrigation use only

Part #: **101501**
Orbit Model #: **57069N**



Rain/Freeze Sensor, Wireless

The Wireless Rain and Freeze Sensor offers the added value of not only saving water but saving installation time as well. The wireless transmitter unit installs in minutes directly to the rain gutter or any flat surface. The rain sensor prevents your automatic sprinkler system from watering during a storm and is controlled remotely without wiring to string to your controller.

- Delays watering during rain or freezing conditions
- Remote communication eliminates use of wire to the controller
- Adjustable rain sensitivity from 3,175mm(1/8in) to 25,4mm(1in) of precipitation
- Digital freeze sensor prevents watering in freezing conditions reducing hazards and damage
- Works with most existing sprinkler systems
- Mounting options: threaded, slip and rain gutter, or flat surface
- LED alerts for low battery, active sensor, and sensor override
- For outdoor use with cold water only



Specifications

Adjustable:	3mm, 6mm, 12mm, 19mm 1/8", 1/4", 1/2", 3/4", 1"
Voltage Compatability:	24V
Wire Length Included:	9 m / 30 ft

Part #: **101503**
Orbit Model #: **57071**

Transformer - Type C

For use with 24-volt irrigation timers.
High quality construction.

- 24V/750mA

Part #: **101401**
Orbit Model #: **57056**



Timer Fuse

Timer fuse compatible with the Easy-Set Logic Sprinkler Controllers and Pocket Star Ultra Controllers.

2/Bag
Part #: **101003**
Orbit Model #: **57003**



Spray Head Pull Up Tool

The spray head pull-up tool is used to replace and install nozzles. Pulls up spray head sprinklers with ease. Use the teeth to pull up the nozzle. Use the clamp feature when doing nozzle maintenance. Corrosion resistant. For cold water outdoor irrigation use only.

Part #: **102622**
Orbit Model #: **26030**



Pro Flo™ Yard Watering Kit Valve

Part #: **101019**
Orbit Model #: **96120**



Diaphragm (In-line Valve)

Replaces worn out or damaged diaphragms for the internal bleed valves of the Orbit PM#s: 57100 & 57101 .

Part #: **101206**
Orbit Model #: **57045**



Diaphragm (Jar Top)

This diaphragm is the perfect replacement for Orbit® Jar-top valves. Compatible with Orbit models: 57465, 57460, 57460P, 96149, 57467, 57461, 57661, 96150, 94150

Part #: **101207**
Orbit Model #: **57473**



24V Solenoid (Commercial Valve)

Compatible with 05104 and 05105 Orbit valves. For use only with 24-volt sprinkler controller.

Part #: **102204**
Orbit Model #: **05103**



J24V Solenoid (Jar Top/In-line Valve)

Interchangeable with most brands of 24-volt automatic sprinkler valves. Compatible with 94083 and 96150 Orbit Valves.

Part #: **101204**
Orbit Model #: **57241**

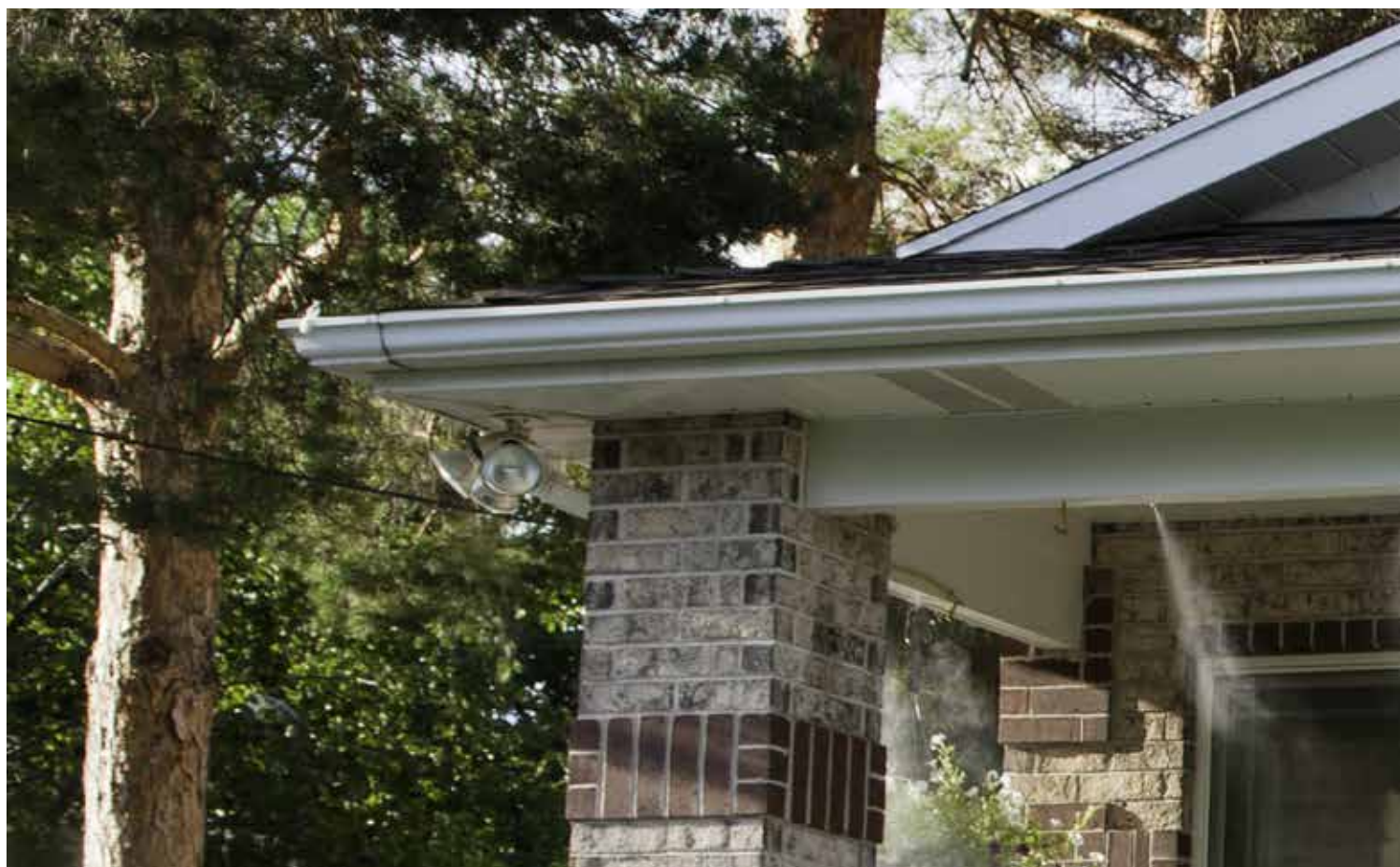


Grease Cap With Orange Wire Nuts

Grease caps seal and protect low-voltage wire connections between the solenoid and timer. Includes 25 each - grease caps and wire nuts.

Part #: **102620G**
Orbit Model #: **57905**





MISTING





6 mm Outdoor Misting System

The Portable Mist Cooling Kit provides relief from the heat wherever you need it. To experience the benefit of mist cooling, simply attach the convenient hanging snap clips to an umbrella, awning, fence, or other structure after connecting to a standard garden hose.

- When connected, the preassembled flexible tubing creates 3.7 m (12 ft) of linear mist cooling = 7.3 m² (24 ft²) of mist area
- The Portable Mist Cooling Kit can install wherever needed
- This water-efficient system requires minimal water use of 1.8 litres (1/2 gallon) of water per hour per nozzle
- Connects to a standard outdoor hose tap



**Includes:**

Preassembled 6mm (1/4in) Flexible Tubing:

2.4 m (8ft) of feed line connected to 3.7 m (12 ft) of mist line = 6 m (20 ft) total

(6) Brass & stainless-steel mist nozzles

(1) hose washer

(5) Hanging snap clips

Specifications

Total Tube Length:	6 m / 20 ft
Tube Diameter:	6 mm / 1/4 in
Outlet Thread:	NHT

Keep from freezing

For cold water outdoor irrigation use only

Do not use product with a booster pump

Part #: **102006**

Orbit Model #: **20066**

PVC Mist Cooling System

Enjoy the outdoors again with the Orbit® Performance 1.27c m (1/2in) PVC Mist Cooling System. It is the perfect rigid cooling solution for home patios and outdoor recreational areas. It also works equally well for animal shelters and dog runs while reducing surrounding temperature up to 20 degrees. This kit includes everything needed to easily assemble 3.5 m of linear mist cooling with no special tools needed. The system can be expanded up to 76 m with sufficient available water pressure. The Mist Cooling System is for outdoor use with cold water only. Do not use with a booster pump

- • 3.5m of linear mist cooling (7.3 m² of mist area)
- • Expandable up to 125 nozzles with appropriate pressure
- • Reduces temperature up to 20 degrees
- • Connects to a standard outdoor faucet
- • Minimal water use of 1.89 litres of water per hour per nozzle
- • For outdoor use with cold water only





- Includes:
- | | |
|---------------------------------------|---------------------------|
| (9) 55cm of 1.27cm PVC Tubing Lengths | (1) PVC End Cap |
| (7) PVC Mist Couplings | (1) Swivel Hose Adapter |
| (6) Mist Nozzles | (9) Hanging Clamps |
| (3) PVC Elbows | (1) Automatic Drain Valve |
| (2) PVC Couplings | (1) Hose Washer |
| | (1) PVC Cement |

Specifications

Total Tube Length:	3.5 m / 12 ft
Tube Diameter:	12.7 mm / ½ in
Outlet Thread:	NHT

Keep from freezing

For cold water outdoor irrigation use only

Do not use product with a booster pump

Part #: **102000**

Orbit Model #: **20070**

3.7m Preassembled Mist Cooling Kit

The 3.7 m Mist Cooling Kit is ready to install right out of the box in three easy steps: secure tubing to structure with clips, install nozzles into tubing, and attach outlet to water source. Great for cooling your outdoor living areas.

- When connected, the preassembled flexible tubing creates 3.7 m (12 ft) of linear mist cooling = 7.3 m2 (24 ft2) of mist area.
- Expandable up to another 25 nozzles with appropriate pressure (3.1 bar) when using a Mist Cooling Expansion Kit. That's another 15 m (49 ft) of mist cooling!
- Connects to a standard outdoor hose tap
- Reduces temperatures up to 11° C / 20° F
- UV resistant tubing
- Quick Connect Included



Specifications

Total Tube Length:	3.7 m / 12 ft
Tube Diameter:	9.5 mm / 3/8 in
Outlet Thread:	NHT
Working Water Pressure:	Min 3.1-8.5 bar / 310-850 kPa / 44-123 PSI

For cold water outdoor irrigation use only
Do not use product with a booster pump
Keep from freezing

Part #: **102003**
Orbit Model #: **94830**

- Includes:
- Preassembled 9.5 mm (3/8 in) Flexible Tubing:
2.4 m (8 ft) of feed line connected
to 3.7 m (12 ft) of mist line = 6 m (20 ft) total
(6) Brass & stainless-steel mist nozzles
(12) Mounting clips
(1) Automatic Drain Valve
(1) Hose washer
(1) Quick Connect
(1) Filter (optional)
Preinstalled Quick Connect

3m Preassembled Mist Expansion Kit

Want to get more out of your outdoor mist system? This Mist Cooling Expansion Kit lets you extend the length of your mist system giving added cooling performance to your outdoor space. Simply attach to an existing 3.7 Mist Cooling Kit (required) and wrap the kit where you want it to go.

- When added to an existing kit, another 3 m of linear mist cooling is created equaling 1.9m2 (10ft2) of mist area
- Preassembled for easy installation
- Cool down without wasting water. This water-efficient system requires minimal water use of 1.8 litres (1/2 gallon) of water per hour per nozzle



Specifications

Tube Length:	3 m / 10 ft
Tube Diameter:	9.5 mm / 3/8 in

For cold water outdoor irrigation use only
Do not use product with a booster pump
Keep from freezing

Part #: **102003EK**
Orbit Model #: **94168**

- Includes:
- Preassembled 9.5 mm (3/8 in) Flexible Tubing:
3 m (10 ft) of mist line
(5) Brass & stainless-steel mist nozzles
(10) Mounting clips

9.5 mm Accessories

For cold water outdoor irrigation use only

Do not use product with a booster pump

Keep from freezing



Brass And Sstl
Misting Nozzle

5/Bag
Part #: **10110106**
Orbit Model #: **10106H**



Brass Slip-Lok Elbow

Part #: **102612**
Orbit Model #: **92110L**



Misting Nozzle Plug

3/Bag
Part #: **102710**
Orbit Model #: **10107L**



Brass Slip-Lok Tee

Part #: **102607**
Orbit Model #: **92120L**



Brass Slip-Lok
End Plug

Part #: **102608**
Orbit Model #: **92420L**



Brass Slip-Lok
Hose Adapter

Part #: **102613**
Orbit Model #: **92320W**



Brass Slip-Lok
Coupling

Part #: **102609**
Orbit Model #: **10121W**



Flexible Tubing
Use To Repair, Replace, Or Customize
9.5 mm Mist Cooling Systems

6 m / 20 ft
Part #: **102606**
Orbit Model #: **92228**



Brass Slip-Lok Coupling
With Mist Nozzle

Part #: **102611**
Orbit Model #: **10127L**



Universal Brass Automatic
Drain Valve

Part #: **102605**
Orbit Model #: **10115H**
















Mist Nozzle Cleaner












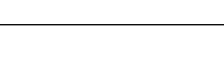

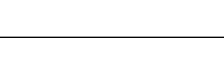

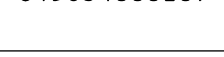

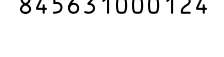





8 oz.
Part #: **10110103**
Orbit Model #: **10103**

Product Barcodes

























101000 ORBIT CONTROLLER TAP 046878940505	 046878940505
101003 ORBIT FUSE FOR CONTROLLER 2 046878570030	 046878570030
101004 ORBIT EAST SET CONTROLLER OUT- DOOR 4 STATION 5060246190007	 5060246190007
101006 ORBIT EASY SET CONTROLLER OUT- DOOR 6 STATION 5060246190014	 5060246190014
101009 ORBIT EASY SET CONTROLLER OUT- DOOR 9 STATION 5060246190021	 5060246190021
101010 ORBIT CONTROLLER TAP MECHANICAL 5060246190342	 5060246190342
101012 ORBIT EASY SET CONTROLLER OUT- DOOR 12 STATION 5060246190038	 5060246190342
101015 ORBIT BUDDY 2 TAP DBL PORT TIMER 5060246190113	 5060246190113
101018 ORBIT GARDEN WATERING CONTROL SYSTEM 046878940130	 046878940130
101019 ORBIT VALVE FOR GARDEN WATERING CONTROL SYSTEM 046878961203	 046878961203
101114 ORBIT ULTRA STAR CONTROLLER INDOOR 4 STATION 046878948846	 046878948846
101116 ORBIT ULTRA STAR CONTROLLER INDOOR 6 STATION 046878948860	 046878948860
101200 ORBIT SOLENOID VALVE WITH FLOW CONTROL 1INCH 046878940833	 046878940833

101202 ORBIT SOLENOID VALVE JAR TOP 1INCH 9314538030103	 9314538030103
101204 ORBIT VALVE SOLENOID 24V FOR 1 INCH VALVES 046878572416	 046878572416
101206 ORBIT DIAPHRAME KIT FOR 101200 046878570450	 046878570450
101207 ORBIT DIAPHRAME KIT FOR 101202 046878574731	 046878574731
101209 RAIN VALVE SOLENOID FOR 1 1/2 AND 2 INCH VALVES 8032542981075	 8032542981075
101210 ORBIT DIAPHRAGM KIT FOR 101250 6009507805846	 6009507805846
101240 ORBIT SOLENOID VALVE WITH FLOW CONTROL 1-1/2 INCH 046878940864	 046878940864
101250 RAIN SOLENOID VALVE WITH FLOW CONTROL 2INCH 046878940871	 046878940871
101260 HYDRO RAIN SOLENOIDE VALVE + FLOW CONTROL 1/2INCH 845631003156	 845631003156
101270 HYDRO RAIN SOLENOIDE VALVE + FLOW CONTROL 2INCH 845631003163	 845631003163
101300 ORBIT MANIFOLD PVC 4PORT 046878941977	 046878941977
101501 ORBIT RAIN AND FREEZE SENSOR 046878570696	 046878570696
101700 ORBIT POP-UP IMPACT SPRINKLER SATELITE 046878550254	 046878550254














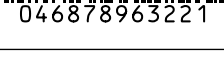

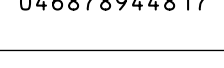

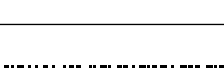







Product Barcodes

101720 ORBIT SPRINKLER IMPACT PLAS ADJUST 1/2INCH 046878580077	 046878580077	101910 ORBIT SPRINKLER POP-UP ADJ 3.5M 2INCH 046878942325	 046878942325
101800 ORBIT POP-UP GEAR SPRINKLER VOYAGER PACKED 046878556614	 046878556614	101922 ORBIT SPRINKLER POP-UP BODY ONLY 2INCH 046878544437	 046878544437
101801 ORBIT SEAL FOR POP-UP SPRINKLER VOYAGER/SATURN 6009507868681	 6009507868681	101924 ORBIT SPRINKLER POP-UP BODY ONLY 4INCH 046878544574	 046878544574
101803 ORBIT POP-UP GEAR SPRINKLER VOYAGER BULK 046878941618	 046878941618	101930 ORBIT ALUM ADJUSTABLE RISER 16-30INCH 046878373303	 046878373303
101805 ORBIT KEY FOR VOYAGER 11 046878550704	 046878550704	101959 ORBIT ADAPTOR SHRUB 1/2 INCH 04687854942	 04687854942
101807 ORBIT NOZZLE SET VOYAGER 11 046878550711	 046878550711	101960 ORBIT SPRINKLER SHRUB HEAD ADJUSTABLE 15INCH 046878540200	 046878540200
101811 ORBIT POP-UP GEAR SPRINKLER SATURN PACKED 046878942158	 046878942158	101965 ORBIT NOZZLE SPRAY ADJUSTABLE 7FT 845631000209	 845631000209
101813 ORBIT POP-UP GEAR SPRINKLER SATURN BULK 046878551695	 046878551695	101966 ORBIT NOZZLE SPRAY ADJUSTABLE 10 FT 845631000124	 845631000124
101815 ORBIT NOZZLE SET FOR SATURN 111 SPRINKLER 046878550759	 046878550759	101970 ORBIT NOZZLE SPRAY ADJUSTABLE 12FT 845631000216	 845631000216
101850 ORBIT SPRINKLER TITAN GEAR DRIVE SHRUB 046878550452	 046878550452	101975 ORBIT NOZZLE SPRAY ADJUSTABLE 15FT 845631000155	 845631000155
101865 ORBIT NOZZLE SET 7 PIECE 046878942356	 046878942356	1101976 ORBIT NOZZLE SPRAY ADJUSTABLE 18FT 845631000162	 845631000162
101900 ORBIT SPRINKLER POP-UP ADJ 3.5M 4INCH 046878942318	 046878942318		
























Product Barcodes

101980 ORBIT NOZZLE STRIP ON SHRUB ADAPTOR 046878942844	 046878942844	102608 ORBIT END PLUG SLIP LOK BRASS 718455924207	 718455924207
101985 ORBIT BUBBLOR NOZZLE ADJUST- ABLE 046878540422	 046878540422	102609 ORBIT COUPLING SLIP LOK + NOZZLE BRASS 718455101219	 718455101219
102000 ORBIT MISTING KIT DIY 1/2INCH 5.4M 718455200707	 718455200707	102611 ORBIT COUPLING SLIP LOK BRASS 718455101271	 718455101271
102002 ORBIT PORTABLE OUTDOOR MISTING COOLING KIT 1/4 INC 718455200004	 718455200004	102612 ORBIT ELBOW 90DEG SLIP LOK BRASS 718455921107	 718455921107
102003 ORBIT MISTING KIT OUTDOOR 3/8 INCH 718455948302	 718455948302	102613 ORBIT CONNECTOR MISTING PIPE BRASS 718455923200	 718455923200
102006 ORBIT MISTING KIT OUTDOOR 1/4INCH SML 718455200660	 718455200660	102622 ORBIT SPRAY HEAD PULL UP TOOL 046878260306	 046878260306
102011 ORBIT MISTER BOTTLE PERSONAL 500ML 718455200202	 718455200202	102710 ORBIT BRASS MISTING NOZZLE PLUG PACKED 3 718455101073	 718455101073
102014 ORBIT MISTER BOTTLE PERSONAL 250ML 718455200257	 718455200257	102900 ORBIT SPRINKLER POP-UP ADJ 3.5M 4INCH 046878545052	 046878545052
102204 ORBIT HRB SOLENOID VALVE 24VOL FOR COMMERCIAL VALV 845631002081	 845631002081	102910 ORBIT SPRINKLER POP-UP ADJ 3.5M 2INCH 046878545090	 046878545090
102605 ORBIT MISTER AUTO DRAIN VALVE 718455101158	 718455101158	102922 ORBIT SPRINKLER POP-UP BODY ONLY 2INCH 046878943896	 046878943896
102606 ORBIT MISTING PIPE 3/8 6MT 718455922289	 718455922289	102924 ORBIT SPRINKLER POP-UP BODY ONLY 4INCH 046878943902	 046878943902
102607 ORBIT TEE SLIP LOK BRASS 718455921206	 718455921206	102965 ORBIT NOZZLE FEMALE ADJ SPRAY 2.4M 8FT 046878538894	 046878538894

Product Barcodes

102966 ORBIT NOZZLE FEMALE ADJ SPRAY 3M 10FT 046878538788	 046878538788	1096840 ORBIT SPRINKLER TIMER WITH VALVE 046878968400	 046878968400
102970 ORBIT NOZZLE FEMALE ADJ SPRAY 3.6M 12FT 046878538795	 046878538795	10110103 ORBIT CLEANER MISTING SYSTEM 225G 718455101035	 718455101035
102975 ORBIT NOZZLE FEMALE ADJ SPRAY 4.6M 15FT 046878538801	 046878538801	10110106 ORBIT NOZZLE 5PK MISTER 2.2LH 718455101066	 718455101066
102976 ORBIT NOZZLE FEMALE ADJ SPRAY 5.4M 18FT 046878538818	 046878538818	10262100 ORBIT MOTION DETECTOR SPRINKLER 046878621008	 046878621008
1094093 ORBIT PATTERN SPRINKLER WITH PRECISION ARC 046878940932	 046878940932	10294546 ORBIT CONTROLLER 6ST B-HYVE WIFI TIMER 046878945463	 046878945463
1094145 ORBIT AX METAL OSCILLATOR STRAIGHT BAR 371M2 046878941458	 046878941458	10294550 ORBIT CONTROLLER 12 ST B-HYVE WIFI TIMER 046878945500	 046878945500
1094694 ORBIT BUDDY MAX HOSE TAP TIMER 1PORT 046878946941	 046878946941	10296322 ORBIT TRAVELING SPRINKLER 046878963221	 046878963221
1094695 ORBIT BUDDY MAX HOSE TAP TIMER 2PORT 04687894658	 04687894658	101200N ORBIT SOLENOIDE VALVE NO FLOW CONTROL 1INCH 046878944817	 046878944817
1094792 ORBIT B-HYVE BLUETOOTH HT TIMER 2 PORT EU 046878947924	 046878947924	101202S ORBIT SPRING FOR SOLENOID 101202 6009507868674	 6009507868674
1094895 ORBIT B-HYVE XR SMART CONTROLLER EU 16 STATION 046878948952	 046878948952	101700N ORBIT XL POP-UP IMPACT SPRINKLER WITH EXTRA NOZZLE 046878552012	 046878552012
1094990 ORBIT B-HYVE SMART WI-FI HOSE TAP TIMER WITH HUB 046878949904	 046878949904	101810HR ORBIT SPRINKER POP-UP 2INCH 10FT 845631000322	 845631000322
1094995 ORBIT B-HYVE BLUETOOTH HOSE FAUCET TIMER 046878949959	 046878949959	101812HR ORBIT SPRINKER POP-UP 2INCH 12FT 5060246190922	 5060246190922
		101815HR ORBIT SPRINKER POP-UP 2INCH 15FT 845631000384	 845631000384

Product Barcodes

101818HR ORBIT SPRINKLER POP-UP 2INCH 18FT 845631000414	 845631000414	101918HR ORBIT SPRINKLER POP-UP SLIM 4INCH 18FT 845631000421	 845631000421
101900HR ORBIT SPRINKLER POP-UP SLIM BODY ONLY 845631000087	 845631000087	101918NP ORBIT NOZZLE SPRAY ADJUSTABLE PREPK 18FT CREAM 046878535855	 046878535855
101904NP ORBIT NOZZLE SPRAY ADJUSTABLE PREPK 4FT YELLOW 845631000193	 845631000193	10198-02 ORBIT HOSE WASHER WITH SCREEN FOR 101015 6009507807055	 6009507807055
101908NP ORBIT NOZZLE SPRAY ADJUSTABLE PREPK 8FT GREEN 046878535817	 046878535817	102003EK ORBIT MISTING EXTENSION KIT OUTDOOR 3/8INCH 718455941686	 718455941686
101910HR ORBIT SPRINKLER POP-UP SLIM 4INCH 10FT 845631000339	 845631000339	102620G ORBIT GREASE CAP 046878579057	 046878579057
101910NP ORBIT NOZZLE SPRAY ADJUSTABLE PREPK 10FT BLUE 046878535824	 046878535824	102900HR ORBIT SPRINKLER POP-UP SLIM BODY ONLY 4INCH 046878940970	 046878940970
101912HR ORBIT SPRINKLER POP-UP SLIM 4INCH 12FT 845631000360	 845631000360	102904NP ORBIT NOZZLE FEMALE ADJ SPRAY 1.2M 4FT 046878538764	 046878538764
101912NP ORBIT NOZZLE SPRAY ADJUSTABLE PREPK 12FT BROWN 046878535831	 046878535831	102910HR ORBIT 300S SPRINKLER POP- UP SLIM 100MM 3M 046878944916	 046878944916
101915ES ORBIT NOZZLE END STRIP 15INCH 046878535084	 046878535084	102912HR ORBIT 300S SPRINKLER POP-UP SLIM 100MM 3.6M 046878944923	 046878944923
101915HR ORBIT SPRINKLER POP-UP SLIM 4INCH 15FT 845631000391	 845631000391	102915HR ORBIT 300S SPRINKLER POP-UP SLIM 100MM 4.6M 046878944930	 046878944930
101915NP ORBIT NOZZLE SPRAY ADJUSTABLE PREPK 15FT BLACK 046878535848	 046878535848	102918HR ORBIT 300S SPRINKLER POP-UP SLIM 100MM 5.4M 046878944947	 046878944947
101915SS ORBIT NOZZLE SIDE STRIP 30 INCH 046878535060	 046878535060	103900HR ORBIT 300S SPRINKLER POP-UP SLIM 100MM FLUSH CAP 046878944886	 046878944886

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