



Landscape irrigation is more than just dropping a sprinkler on a stand in the middle of the lawn or laying driplines for valued plants. Whether you are a professional landscape contractor with a budget of thousands of pounds or a householder with a garden lawn, an irrigation system acts as your insurance to keep everything growing perfectly.

There are many ways to irrigate gardens; from individual tree irrigation to blanket grass coverage. Pop-up sprinklers will keep your lawns green and lush through the driest months. In this section we have everything a to get the job done, and Rain Bird is at the fore.



Landscape & Garden Section

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Dripline



Dripline is a product that is used all over the world. In horticulture it is used for irrigating vineyards, tree crops and vegetable production. In landscaping it is installed to irrigate garden beds. It is very effective and non-disruptive.

Dripline comes in a coil and looks like normal (brown) poly tube. If you look closely though you'll see a "knuckle" extruded inside the tube every 30cm, and a tiny hole about a millimetre across. The knuckle is a pressure-compensating labyrinth and the tiny hole is where the water emerges from.

Our Rain Bird dripline is pressure compensating (PC), meaning that every drip emitter down the coil will only emit exactly the specified amount of water (1.6 or 2.3 litres per hour depending on the model), regardless of the pressure inside the pipe, or whether it's at the start of the coil or at the far end, which could be as much as 100 metres away!

There are two different types of Rain Bird dripline, each with its own use:

- ▮ Standard on-the-surface dripline (model XFD); this is installed onto the surface of the garden. It can then be covered with mulch to hide it.
- ▮ Buried under the soil surface (model XFS). This needs to be a specific type of dripline, otherwise plants roots will intrude and block the emitters (Copper Shield technology). This sub-surface dripline can be used to irrigate lawns.

XFD On-Surface Dripline

Product code	Description	Price
RB-X44252	XFD Dripline -100m coil, 33cm emitter spacing, 1.6 lph per emitter	£98.81
RB-X44201	XFD Dripline -50m coil, 33cm emitter spacing, 2.3 lph per emitter	£51.61
RB-X44202	XFD Dripline -100m coil, 33cm emitter spacing, 2.3 lph per emitter	£98.81
RB-X44212	XFD Dripline -100m coil, 40cm emitter spacing, 2.3 lph per emitter	£91.22
RB-X44222	XFD Dripline -100m coil, 50cm emitter spacing, 2.3 lph per emitter	£82.79



Prices correct at the time of printing

Dripline

XFS Subsurface Dripline

Product code	Description	Price
RB-X48301	XFS subsurface dripline 100m coil, 33cm emitter spacing, 1.6 lph per emitter	£142.17
RB-X48201	XFS subsurface dripline 100m coil, 33cm emitter spacing, 2.3 lph per emitter	£142.17



Useful Accessories

For all the dripline fittings, refer to the Dripline Fittings page. Here are a few useful inputs:

Product code	Description	Price
RB-XP3113	Tie-down stake for tubing (use 1 every metre of dripline)	£0.35
B-XP3020	Tubing end-closure (use on the end of each dripline run)	£0.24
RB-X82100	Tubing cutter	£33.23



Blank Tubing

Product code	Description	Price
RB-X35492	XDBL100 16mm blank tubing BLACK, 100m coil	£50.29
RB-X45009	XFD1600 16mm blank tubing BROWN, 100m coil	£68.32



QF Dripline Header Pipe

A quick and flexible solution to Dripline Headers. Use this to join several lines of dripline across a garden into the one header pipe, which you'd then connect to your solenoid valve or tap. This speeds the installation process and makes it more accurate. The header tube is 3/4" outside diameter (20.8mm ID).

Product code	Description	Price
RB-X46200	QF header 30 metres, 30cm between row connections	£188.07
RB-X46210	QF header 30 metres, 45cm between row connections	£175.44
RB-XQF46000	QF Header compression fittings	£57.15



Drippers

Drip Emitters

Drip emitters are used to irrigate individual plants and trees. You can vary how much water you provide any given plant by installing drippers with different flow rates.

Drippers can be installed:

- directly into the blank 16mm irrigation pipe
- or on a stake which is attached using 6mm distribution tubing

Pressure-Compensating (PC) Xeri-Bug™ Emitters

Pressure-compensating (PC) drippers ensure each and every dripper in your system delivers precisely the amount of water you expect it to. Whereas a normal, non-PC dripper will provide approximately the right amount of water (but dependent on water pressure), the PC dripper will deliver the exact amount regardless of the incoming water pressure. This dramatically increases uniformity and prevents the drippers near the water source from "stealing" more than their share of water...which can lead to the plants further away not getting enough water in a non-PC system.

These drippers come with a hypodermic barbed inlet which can pierce the 16mm tube, making them quicker to install.

Product code	Description	Price
RB-X68525	XB05PC 2 litre/hour barbed PC emitter (Blue)	£0.25
RB-X68530	XB10PC 4 litre/hour barbed PC emitter (Black)	£0.25
RB-X68535	XB20PC 8 litre/hour barbed PC emitter (Red)	£0.25



Pressure Compensating Modules – barbed drippers for larger flow rates

Use these for larger trees and plants where a higher flow rate is required. Again, these have a self-piercing hypodermic barbed inlet.

Product code	Description	Price
RB-X71012	PC12 45 litres/hour barbed PC emitter	£1.46
RB-X71018	PC18 68 litres/hour barbed PC emitter	£1.46



Pressure Compensating Multi-Outlet Xeri-bug emitter

This is a 6-outlet pressure-compensating emitter with a barbed inlet. The 6-outlet emitter comes with 1 outlet open. Make more outlets open by clipping the tops off as required. This device can be handy if you want to irrigate a plant at various points; also great for potted plants where the one multi-outlet emitter can have "octopus legs" off to up to 6 pots.

Product code	Description	Price
RB-X67000	XB-10-6 6-outlet emitter 4 litres/hour	£5.85



8 Outlet Emission Device

This multi-outlet device screws onto a 1/2" riser pipe. It accepts up to 8 Xeri-Bug emitters or PC Modules inside its lid. From each emitter you can run 6mm tubing off to each plant. The most flexible and feature rich multi outlet device on the market. Contains a 75 micron built-in filter. You can install different emitter flow rates inside this device to your own preference.



Product code	Description	Price
RB-X61000	XBD-81 8 outlet emission device 4l/h	£17.81

Tubing Stake

Holds your 6mm tube and emitter in place.

Product code	Description	Price
RB-X54000	TS-025 Stake for 6mm tube	£0.58



XM-Tool

Punches holes into the irrigation pipe to insert your drippers. It can also be used to remove a dripper or emitter, and to insert a goof plug to fill the resultant hole.



Product code	Description	Price
RB-X80100	Xeri-man emitter insertion tool	£4.00

Bubblers

Rootzone Watering System (RWS)

This system incorporates a plastic basket that you install beside the tree to be watered; a bubbler nozzle is inside the basket. This allows the whole rootzone of the tree to be irrigated from below the surface; perfect for public places where there's nothing to be seen, and for large trees and plants where you want to ensure the water is getting right down into the root profile. Each RWS comes complete with a ½" spiral barbed elbow for connection to your irrigation pipe.

Product code	Description	Price
RB-A22430	91.4cm deep x 10cm wide RWS-BGX PC bubbler 57 litres per hour	£44.15
RB-A22460	45.7cm deep x 10cm wide RWS PC bubbler 57 litres per hour	£29.99
RB-A22485	25.4cm deep x 5cm wide RWS PC bubbler 57 litres per hour	£18.23
Useful Accessories		
RB-A22435	RWS Sand sock. Use if your soil is sandy	£8.46
RB-A82060	SPX Flex ½" flexible tubing to join the RWS to your pipe	£36.00
RB-XP0032	Lock-type tee for connection to your 16mm pipe	£1.43

Pressure Compensating Low Flow Bubbler

Use bubblers when you really want to deliver a larger amount of water in a confined space, like at the base of a tree. These have ½" BSP female inlets. These can be installed onto a ½" threaded riser pipe for support.

Product code	Description	Price
RB-X73005	PCT-05 19 litres per hour ½" BSP female PC bubbler	£2.77
RB-X73007	PCT-07 26 litres per hour ½" BSP female PC bubbler	£2.77
RB-X73010	PCT-10 38 litres per hour ½" BSP female PC bubbler	£2.77



▶ Pressure Regulators ¾"



Use these inline pressure regulators within a pipeline or manifold to reduce the downstream water pressure; to ensure your sprinklers are operating at the right pressure or to protect your irrigation system.

Whenever you need to be sure of the downstream pressure, an inline pressure regulator provides you peace of mind. These regulators are only available in ¾" BSP. For larger pipelines use the PRSDial (RB-33135) which screws onto your Rain Bird solenoid valve, or a pressure regulating filter. There are 6 downstream pressure options to choose from.

Product code	Description	Price
RB-A8860015	1 Bar (15 PSI) pressure regulator	£11.10
RB-A8860020	1.4 Bar (20 PSI) pressure regulator	£11.10
RB-A8860025	1.75 Bar (25 PSI) pressure regulator	£11.10
RB-A8860030	2.1 Bar (30 PSI) pressure regulator	£11.10
RB-A8860040	2.8 Bar (40 PSI) pressure regulator	£11.10
RB-A8860050	3.5 Bar (50 PSI) pressure regulator	£11.10

▶ Pressure Regulating Filters



Use these directly downstream of your solenoid valve to protect the system from debris and from excess pressure at the same time.

Product code	Description	Price
RB-X13000	¾" pressure regulating filter (X13000)	£19.53
RB-X13013	1" pressure regulating filter (X13013)	£21.45
Replacement Screen		
RB-X14020	75-micron replacement screen (X14020)	£8.82

▶ Large Capacity Filters



Inline filters to protect your irrigation system

For pipelines diameters 1", 1½" and 2", use these filters to protect your sprinklers and solenoid valves from debris. Screen filter elements are best for solid debris such as grit, while disc filter elements are better for organic debris such as slime and insect larvae that you'd get when you extract from a pond (these will clog a screen filter). These **Rain Bird Filters** are designed for landscape irrigation systems and one should be installed in every system to protect your hardware from debris.

Product code	Description	Price
RB-X14610	1" BSP Large Capacity SCREEN filter (X14610)	£10.18
RB-X14611	1" BSP Large Capacity DISC filter (X14611)	£15.92
RB-X14612	1½" BSP Large Capacity SCREEN filter (X14612)	£30.29
RB-X14613	1½" BSP Large Capacity DISC filter (X14613)	£37.94
RB-X14614	2" BSP Large Capacity SCREEN filter (X14614)	£32.59
RB-X14615	2" BSP Large Capacity DISC filter (X14615)	£42.77
Replacement Screens & Discs		
RB-X14618	130-micron SCREEN replacement cartridge for 1½" and 2" filter (X14618)	£11.27
RB-X14619	130-micron DISC replacement cartridge for 1½" and 2" filter (X14619)	£25.49

Control Zone Start-up Kits



When you want it easy: Solenoid valve plus pressure regulating filter, all ready & good-to-go

Available in 24-volt ac for standard irrigation controllers, or 9-volt DC for the Rainbird TBOS battery-operated controller; the **Control Zone Start-up Kit** includes the solenoid valve PLUS a pressure -regulating filter to protect your irrigation system from unwanted debris and pressure.

Product code	Description	Price
X10306	Drip Control zone kit 3/4" BSP, 24 vac solenoid valve (X10306) complete with pressure-regulating filter.	£39.80
X10308	Drip Control zone kit 1" BSP, 24 vac solenoid valve (X10308) complete with pressure regulating filter.	£40.62
X10325	Drip Control zone kit 3/4" BSP, 9 VOLT DC solenoid valve, complete with pressure-regulating filter. Use this model if you are using a battery timer.	£53.51
X10327	Drip Control zone kit 1" BSP, 9 VOLT DC solenoid valve, complete with pressure-regulating filter. Use this model if you are using a battery timer.	£58.15



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Dripline & Garden Lateral Pipe Fittings

Dripline fittings can also be used for our blank garden 17mm tubing. There are 2 types of dripline fittings to choose from...Barbed Insert Fittings, and Lock Type Fittings. Each is highly effective. The lock-type is more expensive but is also more resilient and does not need a clamp to hold each fitting over the tube.

Rain Bird Barbed Insert Fittings

These are simple to install. They have double barbs to help hold them inside the tube. Use the Insertion tool if you want to save your hands. We suggest you clamp each fitting using the XCL017 clamp. Can be used with Rain Bird dripline & blank tubing.

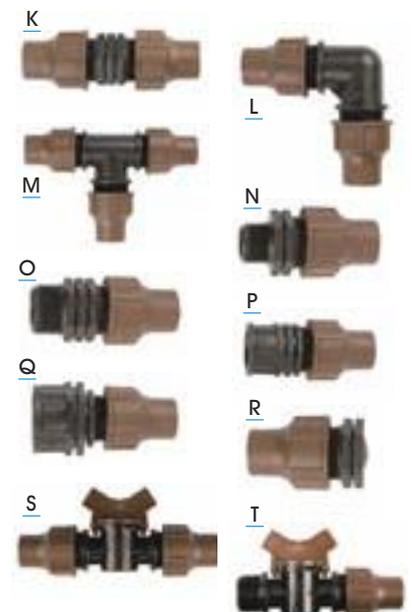
Product code	Description	Price
RB-X36370 <i>image A</i>	Barbed connector 17mm	£0.29
RB-X36372 <i>image B</i>	Barbed plain elbow 17mm	£0.43
RB-X36373 <i>image C</i>	Barbed plain tee 17 mm	£0.53
RB-X36374 <i>image D</i>	Barbed male adapter-17mm tube x 1/2" BSP male	£0.46
RB-X36375 <i>image D</i>	Barbed male adapter-17mm tube x 3/4" BSP male	£0.52
RB-X36376 <i>image E</i>	Barbed tee x male adapter-17mm tube both sides x 1/2" BSP offtake	£0.70
RB-XCL017 <i>image F</i>	Clamp for tubing - holds the tube and fitting together under pressure	£0.30
RB-X36380 <i>image G</i>	XFF fittings Insertion tool	£3.66
RB-XP3113 <i>image H</i>	Tie-down stake for tubing (suggest 1 every metre of dripline)	£0.35
RB-XP3020 <i>image I</i>	Tubing end-closure (use on the end of each dripline run)	£0.24
RB-X82100 <i>image J</i>	Tubing cutter	£33.23



Lock Type Fittings

These fittings are more durable and offer increased peace of mind. You don't need a clamp since each one has its own locking mechanism.

Product code	Description	Price
RB-XP0012 <i>image K</i>	Plain joiner- join 2 dripline tubes	£0.71
RB-XP0022 <i>image L</i>	Plain elbow - standard elbow	£1.11
RB-XP0032 <i>image M</i>	Plain tee - standard tee	£1.43
RB-XP008250 <i>image N</i>	16 mm male adaptor 1/2"	£0.49
RB-XP008275 <i>image O</i>	16 mm male adaptor 3/4"	£0.45
RB-XP006250 <i>image P</i>	16 mm female adaptor 1/2"	£1.17
RB-XP006275 <i>image Q</i>	16 mm female adaptor 3/4"	£1.17
RB-XP0062 <i>image R</i>	End-plug for 16 mm tubing	£0.55
RB-XP0092 <i>image S</i>	Manual valve- insert directly into the tube	£1.69
RB-XP008275V <i>image T</i>	Lock type manual valve with 3/4" thread one end	£1.43



Prices correct at the time of printing

Rootzone Watering System

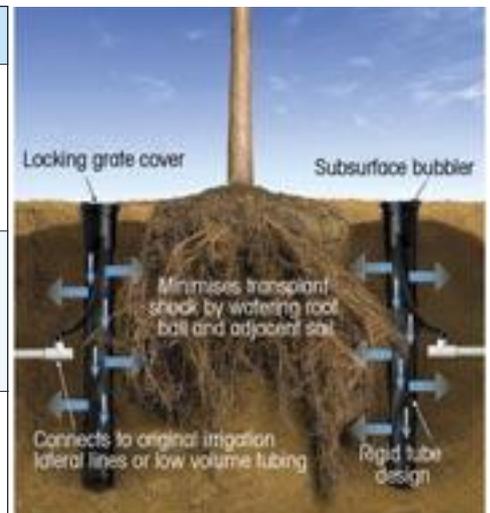
This is a smart method to irrigate trees and shrubs, especially in places where a system above-ground could be damaged. The **Rootzone Watering System (RWS)** ensures water is provided quickly down through the soil profile, to the tree's roots where it is needed. It achieves this by using a Bubbler emitter inside a perforated plastic canister; this allows the water to percolate out of the tube to irrigate within the soil profile. No water is visible from the soil surface, no water is lost in windy conditions and no water is thrown over the foliage or footpaths. It also allows the soil to be aerated as the water travels into the soil profile.

There are 3 main models:

- ▮ **RWS** has a 91cm x 10cm (36" x 4") diameter canister. Comes with a ½" swing joint on the side for connection to your irrigation system. This is great for large trees where you want water to reach all the way through the rootzone. There is a 57 litre per hour Bubbler pre-installed inside the unit.
- ▮ **RWS Mini** has a 45cm x 10cm (18" x 4") diameter canister. Comes with a spiral barbed elbow on the side for connection to Rain Bird ½" SPX Flex tubing. This is great for smaller trees and shrubs where the root mass isn't as large. There is a 57 litre per hour Bubbler pre-installed inside the unit.
- ▮ **RWS Supplemental** has a 25cm x 5cm (10" x 2") diameter canister. Comes with a spiral barbed elbow on the side for connection to Rain Bird ½" SPX Flex tubing. This is perfect for small shrubs and special plants that require direct rootzone irrigation. There is a 57 litre per hour Bubbler pre-installed inside the unit.



Product code	Description	Price
RB-A22430 <i>image A</i>	RWS-PC bubbler (RWSBX1401). 91cm deep x 10cm (36" x 4") wide, c/w 1401 bubbler on a riser (57 litres per hour), ½" swing joint	£44.15
RB-A22460 <i>image B</i>	RWS mini c/w PC bubbler (RWSMB1401). 45cm deep x 10cm (18" x 4") wide. c/w 1401 bubbler on a riser (57 litres per hour), ½" spiral elbow	£29.99
RB-A22485 <i>image C</i>	RWS supplemental shrub-PC bubbler (RWSSB1401). 25cm deep x 5cm (10" x 2") wide. c/w 1401 bubbler on a riser (57 litres per hour), ½" spiral elbow	£18.23



Useful Accessories

Product code	Description	Price
RB-A82060	Rain Bird SPX Flex ½" tubing, 30 metre roll	£36.00
RB-A46010	Rain Bird ½" BSP male threaded spiral barbed elbow	£0.29



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Micro-Sprinklers

Micro-Sprinklers

Micro-sprinklers are designed to connect to 16mm blank tubing and are used to irrigate gardens where you want an overall throw of water, compared with drippers which irrigate one set point on the soil surface.

SXB/XS on Spike: Adjustable flow Micro-Sprinkler on Spike

This is a well-known micro-sprinkler. These are great for plants in large pots and for watering individual large plants. The RB-XPD1303 model produces a fan coverage up to about 2 metres, while the RB-XPD1403 model produces "spiders legs" coverage up to about 0.5m radius, allowing for plenty of the surface to get wet and thus ensuring good root growth. Each one comes on its own 12cm spike complete with a 6mm barbed joiner. Join to the irrigation tube using 6mm tubing.



Product code	Description	Price
RB-XPD1303	Adjustable flow FAN coverage micro spray c/w 12cm spike	£0.98
RB-XPD1403	Adjustable flow "spider's legs" micro spray, c/w 12cm spike	£0.73

Jet Spike adjustable flow spray complete with stake, riser & tube

With throws up to 3.5 metres diameter, this sprinkler comes complete on a 31cm tall stake and includes a 20cm rigid riser, so the sprinkler can be extended high above the ground. The sprinkler also comes complete with 50cm of 6mm tubing and a 6mm barbed connection, ready to be installed directly into your thin-walled irrigation pipe. If you want to irrigate a garden area quickly and cheaply, then this is the sprinkler model you're looking for. Great for annuals and small plants where you can throw the water over the top of the garden.



Product code	Description	Price
RB-XT020034	(310-90) ¼ circle micro-spray on 30cm stake c/w rigid riser & 50cm tube	£3.11
RB-XT020035	(310-180) ½ circle micro-spray on stake c/w rigid riser & 50cm tube	£3.11
RB-XT020036	(310-360) full circle micro-spray on stake c/w rigid riser & 50cm tube	£3.11

Pop-up Xeri-Pop micro-spray

Sometimes you need a micro-sprayer to be hidden inside a pop-up sprinkler. The **Xeri-Pop** is a sprinkler body that pops up 10cm (4") and has a 6mm tube coming out of its base that attaches to your 16mm irrigation tubing. The Xeri-pop is only the body; it requires a nozzle to be installed inside it to make it complete (SQ series nozzles, 5 & 8 Series MPR nozzles), sold separately. The SQ Series nozzle fits into the Xeri-Pop body.

Product code	Description	Price
RB-X54400	Micro pop up spray 10cm pop-up body with 6mm tubing connection	£3.98
RB-X54900	SQ Series square pattern nozzle (red), full circle fits the Xeri-pop body	£3.20
RB-X54901	SQ Series square pattern nozzle (brown), ½ circle fits the Xeri-pop body	£3.20
RB-X54902	SQ Series square pattern nozzle (purple), ¼ circle fits the Xeri-pop body	£3.20



Prices correct at the time of printing

Micro-Sprinklers

Useful Micro-Sprinkler Accessories

Product code	Description	Price
RB-XPD2304 <i>image A</i>	Micro tubing barb connector (BF1)	£0.18
RB-XPD2204 <i>image B</i>	Micro tubing barb elbow (BF2)	£0.26
RB-XPD2104 <i>image C</i>	Micro tubing barb tee (BF3)	£0.25
RB-X42050	Tubing Goof plug - for plugging unwanted 6mm holes	£0.14
RB-X33010MX	6mm Micro tubing-30m coil	£13.48
RB-X33100MX	6mm Micro tubing-300m coil	£98.79
RB-X33101MX <i>image D</i>	6mm Micro tubing bucket -300m coil	£109.05
RB-X56500	30cm Riser + stake assembly (PFR-RS)	£1.16
RB-X54000 <i>image E</i>	Stake for microtubing-6mm (TS-025)	£0.58
RB-X50000	Microtubing diffuser bug cap (DBC025)	£0.54
RB-X82100	Tubing cutter	£33.23



Prices correct at the time of printing

1800 Series

Rain Bird 1800 Series Spray Bodies

The **1800 Series** spray body is Rain Bird's commercial grade sprinkler body and has several features that make it the market leader.

All models feature Rain Bird's patented pop-up mechanism with a heavy-duty stainless steel spring for dependable out-of-sight retraction, plus an exclusive triple blade wiper seal for unmatched resistance to grit, pressure, and extreme environments.

All 1800 series spray heads have a ½" BSP female inlet at the bottom. The 6" & 12" riser height models have an alternative inlet on the side of the body; this is handy because you can join the sprinkler to your pipe (preferably with a swing joint) without having to dig so deep.

You also have the options of SAM (seal-a-matic) anti-drain check valve, and pressure regulation.

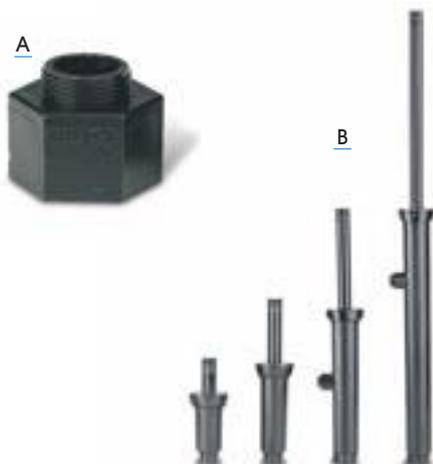
Standard 1800 series pop-up body

Product code	Description	Price
RB-A16501A <i>image A</i>	PA8S ½" female threaded adapter. Use this on top of a ½" threaded riser pipes. Great for gardens.	£2.68
RB-A44020 <i>image B</i>	1800 Series pop-up body with 2" riser height	£2.95
RB-A44120 <i>image B</i>	1800 Series pop-up body with 4" riser height	£2.93
RB-A44205 <i>image B</i>	1800 Series pop-up body with 6" riser height	£9.68
RB-A44305 <i>image B</i>	1800 Series pop-up body with 12" riser height	£15.25

1800 Series body with SAM (seal-a-matic) check valve

An inbuilt check valve prevents the pop-up sprinkler from releasing the water from inside it, and inside the adjoining pipes. Without this feature, sprinklers at low points can weep after being turned off. This can lead to soft and mushy patches of ground. The check valve can hold water for up to 4.2 metres of head.

Product code	Description	Price
RB-A43905 <i>image B</i>	1800 Series pop c/w 4" riser and SAM anti-drain check valve	£6.02
RB-A43912 <i>image B</i>	1800 Series pop c/w 6" riser and SAM anti-drain check valve	£14.77
RB-A43930 <i>image B</i>	1800 Series pop c/w 12" riser and SAM anti-drain check valve	£18.11



Prices correct at the time of printing

1800 Series

RD1800 Series body with check valve & pressure regulator

An inbuilt pressure regulator means that every pop-up sprinkler on your system operates at the correct pressure, so ones close to your water supply don't "steal" pressure (and therefore water), which allows the sprinklers further away to receive the correct amount.

Product code	Description	Price
RB-A37341 <i>image C</i>	RD1804; 100mm (4") pop-up c/w SAM anti-drain check valve & pressure regulator set at 2.1 bar (30psi)	£10.83
RB-A37441 <i>image C</i>	RD1804; 100mm (4") pop-up c/w SAM anti-drain check valve & pressure regulator set at 3.1 bar (45psi). Perfect for R-VAN rotary nozzles	£10.83
RB-A37361 <i>image C</i>	RD1806; 150mm (6") pop-up c/w SAM anti-drain check valve & pressure regulator set at 2.1 bar (30psi)	£17.80
RB-A37321 <i>image C</i>	RD1812; 300mm (12") pop-up c/w SAM anti-drain check valve & pressure regulator set at 2.1 bar (30psi)	£23.70

Useful Accessories:

Product code	Description	Price
RB-A44500 <i>image D</i>	1800EXT 6" riser Extension Female for spray heads x male for nozzles. Install this onto your pop-up body to make the nozzle rise higher	£5.75
RB-A82060 <i>image E</i>	SPX Flex tubing 30 m coil. Cut this into 30cm lengths and use it as a flexible swing joint between your irrigation pipe and the sprinkler	£36.00
RB-A46010 <i>image F</i>	Spiral barb fitting: ½" male x barb elbow; use this to join each end of the SPX Flex tubing	£0.29
IRR-SJ050300	Rigid swing joint 1" BSP x 300mm long; 2 moveable elbows each end. Made of rigid plastic	£4.38



Prices correct at the time of printing

R-VAN Series

Rain Bird R-VAN Rotary Nozzles

A Rotary nozzle with matched precipitation, throwing 4-8 metres radius

The R-VAN rotary nozzle should become every landscaper's best friend. On lawns and small golf tees, once you use the R-Van you'll wonder how you ever survived without it. This nozzle screws into a Rain Bird RD1800 pop-up body (sold separately). The R-Van nozzle uses a very low amount of water to irrigate a large area (4-7 metres radius depending on the model), with excellent uniformity. "Matched Precipitation" means that the nozzles are designed to apply the same amount of precipitation (similar to rain) regardless of whether they are ¼, ½, or full circle nozzles. This means that when you install them into a lawn or garden, you can be assured that they will be providing a uniform coverage of "rain" across the entire area. Please remember that the R-Van is just a nozzle; it needs to be installed into a body for it to work.

Adjustable Arc R-VANS

Product code	Description	Price
RB-A84659A <i>image A</i>	R-VAN 14 variable arc rotary sprinkler 2.4 - 4.6 metres radius; arc 45°- 270°. Body colour light blue above, black beneath.	£6.73
RB-A84660 <i>image B</i>	R-VAN 18 variable arc rotary sprinkler 4.0 - 5.5 metres radius; arc 45 - 270°. Body colour light brown above, black beneath.	£6.73
RB-A84661 <i>image C</i>	R-VAN 24 variable arc rotary sprinkler 5.2 - 7.3 metres radius; arc 45°- 270°. Body colour maroon above, black beneath.	£6.73



Full Circle R-VANS

Product code	Description	Price
RB-A84664 <i>image D</i>	R-VAN 14-360 fixed arc rotary sprinkler 2.4 - 4.6 metres radius; arc 360° full circle only. Body colour light blue throughout.	£6.73
RB-A84665 <i>image E</i>	R-VAN 18-360 fixed arc rotary sprinkler 4.0 - 5.5 metres radius; arc 360° full circle only. Body colour light brown throughout.	£6.73
RB-A84666 <i>image F</i>	R-VAN 24-360 fixed arc rotary sprinkler 5.2 - 7.3 metres radius; arc 360° full circle only. Body colour maroon throughout.	£6.73



Strip-coverage R-VANS

Strip R-VANS are great for irrigating thin strips of turf, like along pathways or between gardens, or simply a narrow rectangular lawn.

Product code	Description	Price
RB-A84667 <i>image G</i>	R-VAN LCS fixed arc rotary Left Corner Strip Sprinkler 1.5 metres wide x 4.6 metres to the left. Body colour light grey above and black beneath.	£6.73
RB-A84668 <i>image H</i>	R-VAN RCS fixed arc rotary Right Corner Strip Sprinkler 1.5 metres wide x 4.6 metres to the right. Body colour dark grey above and black beneath.	£6.73
RB-A84669 <i>image I</i>	R-VAN SST fixed arc rotary Side Strip Sprinkler 1.5 metres wide x 9.1 metres (4.55 metres to the left and 4.55 metres to the right). Body colour black throughout.	£6.73



Prices correct at the time of printing

R-VAN Series

R-VAN Useful Accessories

The R-VAN is only a nozzle; it needs a body to screw into. The Rainbird RD1800 pop-up Spray Body is designed for this. The R-VAN operates best at 3 bar (45psi) pressure, so the RD1800 pop-up body with a 3 bar in-built pressure regulator is the perfect combination.

Product code	Description	Price
RB-A37441 <i>image J</i>	Rain Bird RD1800 Pop-up 4" body, complete with SAM check valve and 3 bar (45psi) in-built pressure regulator. This pop-up body is designed for the R-Van nozzle and will ensure each nozzle operates at the correct pressure.	£10.83
RB-A16501A <i>image K</i>	Rain Bird PA-8S ½" female threaded adaptor. Connect this to a ½" riser pipe and the R-VAN will screw into it; great for using in gardens.	£2.68
IRR-SJ050300	Swing joint ½" BSP male thread each end with 12" rigid polypropylene riser. This swing joint has a true ½" bore. 2 elbows each end for easy installation into a vertical pipe connection.	£4.83
RB-A82060 <i>image L</i>	Rain Bird SPX Flex tubing 30m coil; cut this into approx. 30cm lengths and use it to join the pop-up body to your irrigation pipe.	£36.00
RB-A46010 <i>image M</i>	Rain Bird Spiral barb fitting: ½" male x barb elbow; use one of these each end of the SPX Flex tubing. One connects into the base of the sprinkler, the other can connect to your irrigation pipe fitting.	£0.29



Prices correct at the time of printing

VAN & HE-VAN Series

Rain Bird VAN Spray Nozzles

Rain Bird VAN (variable arc nozzle) nozzles can be adjusted to the exact pattern of your lawn by simply twisting the side of the nozzle in your fingers. They are ideal for odd-shaped corners and smaller grassy areas around sidewalks and driveways; they can also be used for watering flowerbeds or shrubs. Choose the Van model to suit how far you want the sprinkler to throw, covering a range from 0.9 to 5.5 metres radius.

Product code	Description	Price
RB-P10004 <i>image A</i>	4VAN Adjustable arc spray nozzle throwing 0.9 to 1.2 metres radius. Colour Code YELLOW	£1.85
RB-P10006 <i>image B</i>	6VAN Adjustable arc spray nozzle throwing 1.2 to 1.8 metres radius. Colour Code ORANGE	£1.85
RB-P10008 <i>image C</i>	8VAN Adjustable arc spray nozzle throwing 1.8 to 2.4 metres radius. Colour Code GREEN	£1.85
RB-P1001001 <i>image D</i>	10VAN Adjustable arc spray nozzle throwing 2.1 to 3.1 metres radius. Colour Code BLUE	£1.85
RB-P1001201 <i>image E</i>	12VAN Adjustable arc spray nozzle throwing 2.7 to 3.7 metres radius. Colour Code BROWN	£1.85
RB-P1001501 <i>image F</i>	15VAN Adjustable arc spray nozzle throwing 3.4 to 4.6 metres radius. Colour Code BLACK	£1.85
RB-P10018 <i>image G</i>	18VAN Adjustable arc spray nozzle throwing 4.3 to 5.5 metres radius. Colour LIGHT BROWN	£1.85



Rain Bird HE-VAN - High Efficiency Variable Arc Nozzle

Rain Bird HE-VAN nozzles are professional grade and offer even coverage throughout the spray pattern, delivering a healthy, beautiful landscape. Gentle close-in watering eliminates dry spots around the spray head. HE-VAN nozzles generate large wind-resistant water droplets that prevent misting and airborne drift so the right amount of water is delivered to the right place. The high efficiency of the HE-VAN nozzle allows you to shorten your sprinkler run times by up to 35%, saving you water and money. This makes the Rain Bird HE-Van nozzle the perfect choice for homeowners looking to conserve water while maintaining a healthy beautiful landscape.

Product code	Description	Price
RB-HE0801 <i>image H</i>	HEVAN08 Adjustable arc spray nozzle throwing 1.5 to 2.4 metres radius. Colour Code GREEN	£1.85
RB-HE1001 <i>image J</i>	HEVAN10 Adjustable arc spray nozzle throwing 2.1 to 3.1 metres radius. Colour Code BLUE	£1.85
RB-HE1201 <i>image K</i>	HEVAN12 Adjustable arc spray nozzle throwing 2.7 to 3.7 metres radius. Colour Code BROWN	£1.85
RB-HE1501 <i>image L</i>	HEVAN15 Adjustable arc spray nozzle throwing 3.4 to 4.6 metres radius. Colour Code BLACK	£1.85



▶ Bubblers & Emitters

Rain Bird Bubblers: 1400 Series pressure compensating bubblers

The Rainbird Pressure compensating **Bubbler** is designed to screw into the top of any Rainbird Spray body. It will provide a slow percolation of water, perfect for irrigating trees in urban situations. The pressure compensation means that the flow rate will not vary if your incoming pressure fluctuates, giving you more accuracy in large irrigation systems.

Product code	Description	Price
RB-A16110	1401 Bubbler 54 litres per hour	£9.62
RB-A16120	1402 Bubbler 108 litres per hour	£9.62
RB-A16130	1404 Bubbler 216 litres per hour	£9.62
RB-A16140	1408 Bubbler 430 litres per hour	£9.62



Rain Bird PCT emitters

Pressure Compensating Threaded Emitters: A PCT emitter is somewhere between a dripper and a bubbler; the flow rate is higher than most drippers but nowhere near that of a bubbler. These have a 1/2" threaded inlet and can be connected onto a pop-up body or a threaded riser. PCT emitters have a low flow rate compared with bubblers and are great value for money. These are perfect for irrigating larger trees and pots where you have several emitters that need to work on the same station.

Product code	Description	Price
RB-X73005	PCT05 emitter, light brown. 18.9 litres per hour flow rate 0.7 to 3.5 bar pressure	£2.77
RB-X73007	PCT07 emitter, violet. 26.5 litres per hour flow rate 0.7 to 3.5 bar pressure	£2.77
RB-X73010	PCT10 emitter, green. 37.9 litres per hour flow rate 0.7 to 3.5 bar pressure	£2.77



▶ 3500 Series

The **3500 Series Rotor** is an easy to use ½" gear-driven rotor, throwing 5-10 metres radius at low flow rates. Utilizing a simple flat-bladed screwdriver, the 3504's arc adjustment is quick and simple. This versatile rotor offers an attachable nozzle tree with six superior performing Rain Curtain nozzles, and the convenience of full and part-circle operation in one unit. Plus, a nozzle-removal feature and an easily removable filter screen make maintenance a breeze. All of this, at an affordable price, plus a three-year factory warranty make the 3500 Series rotor tough to beat.



Product code	Description	Price
RB-Y34001	3504PC pop-up sprinkler with 4" plastic riser; adjustable arc 40-360°. ½" BSP female inlet. Complete with a rack of nozzles.	£12.86
RB-Y34500	3504PCSAM pop-up sprinkler with 4" plastic riser; adjustable arc 40-360°. Complete with SAM (Seal-a-matic) inbuilt non-return check valve; this is a handy feature to prevent the water in the pipes from dribbling out of the sprinkler and puddling after the system has turned off. ½" BSP female inlet. Complete with a rack of nozzles.	£19.35

Useful Accessories

Product code	Description	Price
RB-A82060	SPXFLEX30 tubing 30 metre coil; use about 30cm of this to create a swing joint under each sprinkler. Therefore a 30m roll will be enough for approx. 100 swing joints.	£36.00
RB-A46010	SBE050 Spiral barb fitting: ½" male x barb elbow; use this with the SPFLEX30 tube to create your swing joint.	£0.29
RB-Y05100	Rain Bird rotor screwdriver. Use this to change the nozzles and adjust the arc of the sprinkler	£4.35

5000 Series

Perfect for golf tees and lawns 10-15 metres wide

The 5000 Series rotor is the perfect pop-up rotor for irrigating golf tees and larger lawns at an economic price. With throws from 10 to 15 metres radius (20 - 30 metres diameter) this sprinkler should be your first choice for any lawn 10 metres wide or greater. The 5000 series sprinkler comes in 3 pop-up heights (this is the height that the nozzle pops up above the top of the sprinkler's body).



Making sense of the 5000 series codes

5004	This is the pop-up height; how high the riser will pop up above the body. Options are 4 for 4" height, 6 for 6" height and 12 for 12" pop-up height.
PC	This means "Part Circle", so the sprinkler can be adjusted to irrigate only an angle of the area.
SAM	This means a non-return check valve is built into the base of the sprinkler. This prevents the sprinkler from leaking the pipe's water out when irrigation has finished (this feature is highly recommended).
PR	Sprinklers with "PR" have an in-built pressure regulator inside the sprinkler. This means that (assuming you have enough pressure for the system) it ensures all your sprinklers operate at the same pressure, and therefore at the same flow rate.
+	This term means the sprinkler's flow can be altered and even shut down, while the sprinkler is popped up. Handy for changing nozzles, and reducing the flow if a particular sprinkler is throwing too far.
PCR	Part circle with pressure regulator
FC	Full circle only; you cannot adjust it to any other angle of throw.
PCSAM	Part circle with check valve
PCSAMRSS	Part circle, check valve, pressure regulation and stainless riser!

Product code	5004 Rotors: 4" Riser Height Description	Price
RB-Y5410730MX	5004PC30: 4" pop-up height sprinkler, part circle (0-360°) c/w No.3.0 Nozzle installed. This is the simplest "no frills" 5004 series pop-up.	£14.11
RB-Y55007	5004PCSAM: 4" pop-up height sprinkler, part circle (40-360°) c/w No.3.0 Nozzle installed. Includes SAM non-return check valve which prevents the sprinkler from leaking the pipe's water out when irrigation has finished (this feature is highly recommended).	£17.61
RB-Y74007	5004PCR: 4" pop-up height sprinkler, part circle (0-360°) c/w No.3.0 Nozzle installed. This pop-up has a pressure regulator built inside it, regulated to 2.5 bar pressure. This is a great feature because it means all your sprinklers will operate at the same pressure & therefore the same flow rate.	£18.56
RB-Y4510030	5004+PC30: PC & revers. FC model (40-360°) 3.0 Nozzle .5 nozzle trees included	£17.22
RB-Y45010	5004+FC: Full circle rotor with shut-off	£17.22
RB-Y45650	5004+PCSAM: Part Circle (40-360°) with shut-off & SAM check valve	£21.71
RB-Y65750SS	5004+PCSAMRSS: This is the full works burger: 5004 with shut-off, part circle (40-360°), SAM check valve, pressure regulation and a stainless sheathed 4" riser. Our preferred option for golf tees and other commercial applications. Regulated to 2.5 bar pressure.	£29.17

Prices correct at the time of printing

5000 Series

Product code	5006 Rotors: 6" Riser Height Description	Price
RB-Y45800	5006+PC: (6" riser height) pop-up rotor: Part circle (40-360°) and reversing full circle. Complete with SAM check valve	£52.79
RB-Y65950SS	5006+PCSAMRSS: (6" riser height) pop-up rotor: Part circle (40-360°) and reversing full circle. Complete with SAM check valve, sprinkler regulated to 2.5 bar pressure. Stainless riser.	£67.67

Product code	5012 Rotors: 12" Riser Height Description	Price
RB-Y66050	5012+PCSAMR: (12" riser height) pop-up rotor: Part circle (40-360°) and reversing full circle. Complete with SAM check valve, sprinkler regulated to 2 bar pressure.	£61.01

5000 Series Rotor Useful Accessories

Product code	Description	Price
RB-Y04500	5000 Plus Tree:(8 standard angle + 4 low angle nozzles)	Free
RB-Y046MPK	5000MPRMPK: Bag of 30 x 5000-MPR nozzle trees: 10 of MPR-25, 10 of MPR-30 and 10 of MPR-35.	Free
RB-Y05100	ROTORTOOL: 5000 Rotor screwdriver. Use this screwdriver to adjust the sprinkler. A very handy tool.	£4.35
RB-170452	5000PL SAM Kit: (non-return valve) Kit; use if your 5000 series rotor doesn't have a non-return valve & you'd like one.	£8.49
RB-A82060	SPX FLEX30: Flex tubing; roll of 30 metres. Cut this is whatever length you prefer to use as a flexible swing joint below the sprinkler.	£36.00
RB-A46011	SBE075: Spiral barbed fitting c/w 3/4" BSP male threaded elbow. Screw this into the 5000 series rotor to connect the SPX Flex tubing.	£0.29
IRR-SJ075300	3/4" swing joint constructed of a 3/4" PVC threaded riser (300mm long) and 2 elbows each end. This is a proper 3/4" swing joint compared with many on the market which are 1/2" tubes with 3/4" threads each end! If you need proper flow (i.e. you're using the bigger nozzles) then this swing joint will aid the system's hydraulics. Please note it does not contain any o-rings.	£6.32

5000 Series MPR Nozzles

Free nozzles that will transform your irrigation system

The Rain Bird MPR nozzles are designed to maximise the uniformity of your sprinkler system. What does that mean? MPR stands for Matched Precipitation Rate and means that all the sprinklers in your irrigation system are matched to perform at the same precipitation rate, just like natural rain. This is an important feature. With other rotors, a sprinkler placed in a corner of a lawn or golf tee and covering a ¼ circle has the same flow rate as a full-circle sprinkler placed in the middle of the turf. Both rotors have the same flow rate, but the ¼ circle rotor is covering only a quarter of the area that the full circle sprinkler is irrigating... so the lawn around the ¼ circle sprinkler will receive 4 times as much water as the lawn around the full circle sprinkler. Similarly, a ½ circle sprinkler along the side of the lawn would suffer the same predicament.

In the past, the only way to prevent this was to have the ¼ circle sprinklers on a separate solenoid station, and then have that valve operate for a quarter of the time, and likewise for the ½ circle sprinklers (half the time), and the full circle sprinklers. This meant lots of solenoid stations and lots of different pipes under the ground, or areas of turf that receive hugely differing amounts of water!

The MPR nozzles have changed all that! They are designed so that the ¼ circle sprinkler uses a quarter of the flow rate of the full circle sprinkler, and likewise with the ½ circle sprinkler uses half the flow rate of the full circle rotor. They all create the same application of water onto the lawn being irrigated... which is why they are called "Matched Precipitation Rate" nozzles. Therefore you can have all the sprinklers on a lawn or golf tee on the same solenoid station, and obtain maximum uniformity of coverage.



Nozzels at 2.4 bar pressure			
5000-MPR 25 (red nozzles)			
Arc	Radius	Flow rate	Precipitation Rate
¼ circle	7.3 metres	3.6 litres per minute	14.9 mm per hour
½ circle	7.3 metres	6.6 litres per minute	14.7 mm per hour
Full circle	7.3 metres	12.6 litres per minute	14.2 mm per hour

5000-MPR 25 (green nozzles)			
Arc	Radius	Flow rate	Precipitation Rate
¼ circle	9.1 metres	4.8 litres per minute	13.4 mm per hour
½ circle	9.1 metres	9.6 litres per minute	14.1 mm per hour
Full circle	9.1 metres	19.2 litres per minute	13.8 mm per hour

5000-MPR 25 (beige nozzles)			
Arc	Radius	Flow rate	Precipitation Rate
¼ circle	10.4 metres	6.6 litres per minute	14.1 mm per hour
½ circle	10.4 metres	12.6 litres per minute	14.1 mm per hour
Full circle	10.4 metres	25.2 litres per minute	14.0 mm per hour

Falcon 6504 Series

For golf greens up to 19 metres wide,
large golf tees and landscape lawns

The Falcon 6504 gear driven pop-up sprinkler is an iconic Rainbird product that has been working hard on golf courses, sports pitches and landscape properties for decades. This is a 1" base (BSP) sprinkler and has a range of nozzles and its well known heavy-duty construction. It comes with a plastic or a stainless steel riser option, and in full circle or adjustable arc. There is also a high speed option; great for dust-suppression and tennis courts. 4" riser height.



Product code	Description	Price
RB-B65311	Full circle model, c/w plastic riser	£71.40
RB-B65301	Adjustable arc model, c/w plastic riser	£71.40
RB-B65811	Full circle model, c/w stainless riser	£90.53
RB-B65801	Adjustable arc model, c/w stainless riser	£90.53
RB-B65841	High speed version; adjustable arc, c/w stainless riser	£162.99
Swing Joint to suit		
RB-JB200022	Swing joint PVC, 12" long x 1" BSP each end; 2 elbows each end c/w o-rings	£38.64



Nozzle Specifications

Nozzle	Radius at 4.5 bar	Flow at 4.5 bar	Order Code	Price
No.4 Black	12.5 metres	16 litres per minute	RB-B81610	Free
No.6 Light blue	14.9 metres	17 litres per minute		
No.8 Dark green	15.5 metres	33 litres per minute		
No.10 Grey	16.6 metres	40 litres per minute	RB-B81620	Free
No.12 Light brown	17.7 metres	48 litres per minute		
No.14 Light green	18.6 metres	56 litres per minute		
No.16 Dark brown	19.2 metres	62 litres per minute		
No.18 Dark blue	19.5 metres	67 litres per minute		

Prices correct at the time of printing

Maxi-Paw Pop-up Impact Landscape Sprinkler

The **Maxi-Paw** is an impact sprinkler in a pop-up body. The Maxi-Paw's powerful throw offers superior watering and uniform water distribution. It has a straight-through flow design with minimal pressure loss, which conserves water pressure. It is also ideal for dirty water applications. Most important, it is rugged and dependable.



Product code	Description	Price
RB-B0690008	MAXI-PAW Full/part circle pop-up impact sprinkler, No.8 nozzle pre-installed. Combination 1/2" or 3/4" bottom inlet	£37.61

Nozzles

Product code	Description	Price
Standard Nozzles		
RB-20659206	Replacement nozzle No.6 Red	FOC
RB-20659207	Replacement nozzle No.7 Black	FOC
RB-20659208	Replacement nozzle No.8 Blue	FOC
RB-20659210	Replacement nozzle No.10 Yellow	FOC
RB-20659212	Replacement nozzle No.12 Beige	FOC
Low-angle Nozzles		
RB-11590207	Replacement low angle nozzle No.07 Black	FOC
RB-11590210	Replacement low angle nozzle No.10 Yellow	FOC

Accessories

Product code	Description	Price
RB-B41866	MAXI-PAW Sprinkler wrench; use wrench to remove the sprinkler from the body	£33.54
IRR-SJ075300	Swing Joint 3/4" BSP x 300mm long, elbows each end	£6.32

Throw & Flow Table

Nozzle	Radius at 3 bar	Flow at 3 bar
No.6 Red	11.5 metres	8.4 litres per minute
No.7 Black	11.8 metres	11.4 litres per minute
No.8 Blue	12.1 metres	13.8 litres per minute
No.10 Yellow	12.8 metres	20.4 litres per minute
No.12 Beige	13.3 metres	26.4 litres per minute
Low-angle (11°) nozzles		
No.07LA Black	7.1 metres	7.8 litres per minute
No.10LA Yellow	9.4 metres	16.8 litres per minute



Maxi-Paw Wrench

Prices correct at the time of printing

Swing Joints for Pop-up Sprinklers

A swing joint acts like a shock absorber under a pop-up sprinkler. When a vehicle drives or someone walks over the top of the sprinkler, it needs to have a small amount of "suspension" beneath it to avoid damaging either the sprinkler or its pipe-connection. The swing joint, set at 45° from horizontal in the soil, allows the sprinkler to move up and down, albeit minutely, thus protecting it from harm. It also allows the sprinkler to be set at exactly the right level with the soil surface, regardless of the depth of the pipe it is connected to. Therefore a swing joint should be treated as a necessity underneath EVERY pop-up sprinkler, regardless of the sprinkler's size. Also, as you top-dress the soil surface each year the sprinkler will eventually need lifting. A swing joint makes this task a whole lot easier!



For 1/2" pop-ups (RD1 800, 3500 series rotors, R-VANS)		
Product code	Description	Price
RB-A82060	SPX Flex tube, 30 metre roll. Cut to the desired length.	£36.00
RB-A46010	Spiral barb fitting: 1/2" male x barb elbow; use one each end of the above SPX Flex tube	£0.29



For 3/4" BSP rotors: (5004, 5006, 5012)		
Product code	Description	Price
IRR-SJ075300	3/4" BSP x 30cm (12") rigid poly articulated riser swing joint (does not include o-rings) with 2 elbows each end. This is a true 3/4" swing joint (don't be fooled by 1/2" swing joints from other suppliers using 3/4" threads!)	£6.32
For 1" BSP inlet rotors (8005 & Falcon 6504)		
RB-JB000022	SJ12 100 22: 1" BSP x 30cm (12") swing joint, 2 elbows at top, 1 elbow at bottom.	£36.10
RB-JB200022	SJ12 100 22E: 1" BSP x 30cm (12") swing joint, 2 elbows at top, extra elbow at bottom. This is the most commonly used in the UK & will screw into a vertical saddle on your pipe.	£38.64

Swing Joints for Pop-up Sprinklers

For 1" ACME inlet rotors: (551B, 751B)		
Product code	Description	Price
RB-JB000023	SJ12 100 23: 1" BSP/ACME x 30cm (12") swing joint, 2 elbows at top, 1 elbow at bottom.	£36.10
RB-JB010023	SJ12 100 T23: 1" BSP/ACME x 30cm (12") swing joint, 2 elbows at top, extra elbow at bottom. This is the most commonly used in the UK & will screw into a vertical saddle on your pipe.	£38.30
RB-JC000023	SJ18 100 23: 1" BSP/ACME x 45cm (18") swing joint, 2 elbows at top, 1 elbow at bottom.	£38.47
For 1¼" ACME Inlet Rotors (700E, 702E, 751E, 752E)		
RB-JE000023	SJ12 125 23: 1¼" BSP/ACME x 30cm (12") swing joint, 2 elbows at top, 1 elbow at bottom.	£40.71
RB-JE010023	SJ12 125 T23: 1¼" BSP/ACME x 30cm (12") swing joint, 2 elbows at top, extra elbow at bottom. This is the most commonly used in the UK & will screw into a vertical saddle on your pipe.	£49.56
RB-JF000023	SJ18 125 23: 1¼" BSP/ACME x 45cm (18") swing joint, 2 elbows at top, 1 elbow at bottom.	£46.36
For 1½" ACME Inlet Rotors (Eagle 900, 950)		
RB-JH000023	SJ12 150 23: 1½" BSP/ACME x 30cm (12") swing joint, 2 elbows at top, 1 elbow at bottom.	£53.01
RB-JH010023	SJ12 150 T23: 1½" BSP/ACME x 30cm (12") swing joint, 2 elbows at top, extra elbow at bottom. This is the most commonly used in the UK & will screw into a vertical saddle on your pipe.	£60.01
RB-JH100023	SJ12 150 23T: 1½" BSP/ACME x 30cm (12") swing joint, Triple Top elbows (5 elbows)	£86.96
RB-JI000023	SJ18 150 23: 1½" BSP/ACME x 45cm (18") swing joint, 2 elbows at top, 1 elbow at bottom	£57.42

Acme Adaptors to convert existing swing joints to acme thread

Use these adaptors when you have a BSP swing joint and you want to install a Rain Bird Golf Rotor:

Product code	For Sprinkler Model	Description	Price
RB-21337101	500B, 551B, 700B, 751B	ADPT100: 1" BSP Female Inlet / 1" ACME Male Outlet Swing Joint Adapter. Use this adaptor to connect a 1" Eagle ACME sprinkler to an existing 1" BSP swing joint.	£11.63
RB-V02626A	500E, 551E, 700E, 751E, 752E	ADPT 100 125: 1" BSP Female Inlet / 1¼" ACME Male Outlet Swing Joint Adapter. Use this to connect the 1" ACME sprinkler to an existing 1" BSP swing joint.	£11.25
RB-21337102	500E, 551E, 700E, 751E, 752E	ADPT 125: 1¼" BSP Female Inlet / 1¼" ACME Male Outlet Swing Joint Adapter. Use this to connect the sprinkler to a 1¼" existing BSP swing joint.	£12.69
RB-21337103	Eagle 900E, 950E	ADPT 150: 1½" BSP Female Inlet / 1½" ACME Male Outlet Swing Joint Adapter. Use this to connect the sprinkler to an existing 1½" BSP swing joint.	£12.80

Prices correct at the time of printing

TBOS-BT

Rain Bird TBOS-BT Commercial Grade Battery Controllers

This is Rain Bird's commercial grade battery controller and has the advantage that you can use the Rain Bird mobile app on your smart phone to operate it. This means that once it's installed in a valve box under the ground, you only need to get to it once a year to replace the 9-volt alkaline battery.

The TBOS comes in different models depending upon how many solenoid valves you need to operate within the valve box. The actual unit does not have any buttons or screen on it; everything is done from your phone app.

This is a commercial grade battery controller with multiple features to make your life easier and put the right amount of water on, when you want it. You can even seasonally adjust each solenoid station. It is used on golf courses to operate greens & tees where the pipework doesn't have solenoid cables installed. It is great for large landscape systems, and because you don't need to visit the actual controller, it's also perfect for those hard-to-reach places such as traffic islands and roof gardens.

Please note that the solenoid valves must be fitted with 9-volt DC latching solenoid coils on them. This is not the normal coil for an irrigation system so be aware of the difference; you can either purchase solenoid valves with the 9 volt latching coils already on them, or if you already have a standard 24-vac valve you can purchase a replacement 9-volt DC coil from Rigby Taylor.

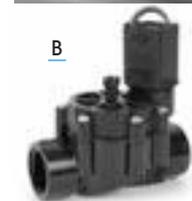
Incidentally this controller can operate any sized Rain Bird solenoid valve; 1" diameter is standard but there's nothing stopping you from connecting it to a 1½" or even 2" solenoid valve if you need the extra flow rate. This makes it handy for larger watering systems that don't have accessible mains power (or solenoid cables installed).

Product code	Description	Price
RB-F48501	TBOS-BT Control Module: 1 station, excludes valve & coil.	£132.31
RB-F48502	TBOS-BT Control Module: 2 stations; can operate up to 2 solenoid valves	£152.67
RB-F48504	TBOS-BT Control Module: 4 stations; can operate up to 4 solenoid valves	£166.55
RB-F48506	TBOS-BT Control Module: 6 stations; can operate up to 6 solenoid valves	£180.42



Useful Accessories

Product code	Description	Price
RB-BAT9AL	Replacement 9V Alkaline Battery. Replace the battery every year.	£2.39
RB-K80920 <i>image A</i>	9 volt DC latching replacement solenoid coil for Rain Bird valves	£36.55
RB-B70540 <i>image B</i>	Rain Bird 100DV 1" landscape solenoid valve c/w 9 VDC latching coil	£45.58
RB-B31440	Rain Bird 100PGA 1" commercial grade solenoid valve c/w 9VDC coil	£73.55
RB-B31540 <i>image C</i>	Rain Bird 150PGA 1½" commercial grade solenoid valve c/w 9VDC coil	£103.41
RB-B31640	Rain Bird 2000PGA 2" commercial grade solenoid valve c/w 9VDC coil	£129.12



Prices correct at the time of printing

WPX, Hose-end Timers

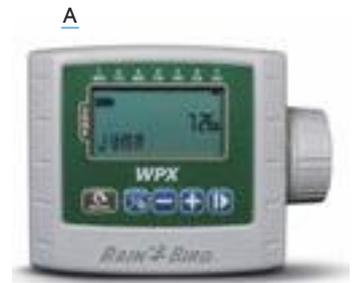
Rain Bird WPX Series Battery-operated Controller

The Rain Bird WPX Battery Controller operates using a 9-volt DC battery which fits snugly inside a capped connection on its side. The IP68 waterproof case of the WPX controller means it can be installed inside a valve box, under ground level, even if the valve box fills up with water all winter! If your battery dies of old age (you should replace it every year) then the non-volatile memory will hold your program for around 100 years.

The WPX comes in different models depending upon how many solenoid valves you want to operate. Please note that the solenoid valves need to have 9-volt DC latching solenoids on them. This is not the normal coil for an irrigation system so be aware of the difference; you can either purchase solenoid valves complete with the 9 volt latching coils already on them from Rigby Taylor.

Incidentally this controller can operate any sized Rain Bird solenoid valve; 1" diameter is standard but there's nothing stopping you from connecting it to a 1½" or even 2" solenoid valve if you need the extra flow rate. This makes it handy for larger watering systems that don't have accessible mains power (or solenoid cables installed).

Product code	Description	Price
RB-F48311	WPX - 1-station model, excludes valve & coil	£98.06
RB-F48331 <i>image A</i>	WPX - 1 station model pre-installed with Rain Bird DV solenoid valve & coil	£125.64
RB-F48321	WPX - 1-station model complete with 9-volt solenoid coil (excludes valve); handy if you already have a solenoid valve or want to use a bigger valve.	£115.36
RB-F48312	WPX - 2-station model, excludes valve & coils; Can operate up to 2 solenoid valves	£168.90
RB-F48314	WPX - 4-station model, excludes valve & coils; can operate up to 4 solenoid valves	£184.34
RB-F48316	WPX - 6-station model, excludes valves & coils; can operate up to 6 solenoid valves	£208.04
RB-F48340 <i>image B</i>	WPX Wall-mount kit. Use this to safely mount the controller on a wall	£15.65



Rain Bird Digital Hose-End Battery Timer

A battery (2 x AA alkaline-not included), operated tap timer for low volume irrigation systems. The timer mounts directly onto the garden tap thread (¾" BSP thread) and has a ¾" BSP outlet. This professional quality timer is very simple to program, allowing up to 2 cycles per day and tailoring for days of the week. There are override and security settings. It also has a button to turn it off (for example if it looks like rain) and for immediate manual watering.

Product code	Description	Price
RB-ZA84006	Hose end timer, ¾" female x ¾" male, uses 2 x AA batteries (not included)	£54.00



ESP-RZXe



Irrigation Controllers

The Rain Bird RZXe is an irrigation controller for up to 8 solenoid stations using mains power. Zone-based scheduling allows every valve to be scheduled independently; no more explaining “programmes” to end users, virtually eliminating call-backs. The large LCD display shows all the programming for each zone at the same time. Choose between the indoor version (these have an external plug-in transformer) or the Outdoor version (these have a built-in transformer, are weatherproof and have a lockable front cover).

You can connect this controller to your WIFI if you add the LNK WIFI module. Then you can use an app to control the watering system from your smart phone.

Product code	ESP-RZXe Controllers	Price
RB-F55324	ESP-RZXe Indoor 4 station controller - WIFI compatible	£87.33
RB-F55326	ESP-RZXe Indoor 6 station controller - WIFI compatible	£98.55
RB-F55328	ESP-RZXe Indoor 8 station controller - WIFI compatible	£116.37
RB-F55354	ESP-RZXe Outdoor 4 station controller - WIFI compatible	£137.27
RB-F55356	ESP-RZXe Outdoor 6 station controller - WIFI compatible	£158.08
RB-F55358	ESP-RZXe Outdoor 8 station controller - WIFI compatible	£192.47
Useful accessories		
RB-F55002	LNK WIFI Module connects the controller to your WIFI	£128.30

ESP-ME



Modular Controller for up to 22 stations

The ESP-ME controller is perfect for large landscape and small to medium sports irrigation systems. It starts as a 4-station modular controller and can be expanded up to 22 solenoid stations by using either 3-station or 6-station extension modules. Use multi-core solenoid cable.

The ESP-ME controller has more options and capabilities than the smaller domestic controllers, while still being WIFI compatible by installing the LNK WIFI module, allowing you to use your property’s WIFI and an app on your smart phone.

Features

- › 4 independent programmes
- › 6 start times per programme
- › Seasonal adjustment of all stations from one button
- › Rain sensor bypass function.
- › Large, easy to use dial.

Product code	ESP-ME Modular Controllers	Price
RB-F55420	Rain Bird ESP-ME modular controller, 4 station base controller expandable up to 22 stations.	£240.57
Useful Accessories		
RB-F38200	3-station extension module for the ESP-ME controller	£42.86
RB-F34260	6-station extension module for ESP-ME controller	£77.08
RB-F55002	LNK WIFI module for connection to your WIFI	£128.30
RB-A61200	Rain sensor	£37.75

▶ HV

This is your budget landscape and garden solenoid valve without compromising on quality. The **HV Solenoid Valve** is available only in 1" BSP, either male or female threaded, and is perfect for residential watering systems. It is very cost effective while maintaining the Rain Bird quality. It has a glass filled polypropylene body, providing great strength at an affordable price. Available with Flow-Control (F) if you want that extra bit of control (we recommend this option). For operating pressures between 1 and 10.3 bar, it even has a tiny 200-micron filter built into it to protect its diaphragm from getting blocked. It's also very compact; great when you need to install a few into a valve box.



Product code	Description	Price
RB-H01000	100HV: 1" BSP female threaded Rainbird HV Solenoid valve (H01000), complete with standard 24vac coil. Can be used on standard wall-mounted irrigation controllers.	£18.47
RB-H05000	100HVMM: 1" BSP male threaded Rainbird HV Solenoid valve (H05000), complete with standard 24vac coil. Can be used on standard wall-mounted irrigation controllers.	£18.47
RB-H01010	100HVF: 1" BSP Female threaded Rainbird HV Solenoid valve with Flow Control (H01010), complete with standard 24vac coil. Can be used on standard wall-mounted irrigation controllers.	£20.91
RB-H01040	100-HVBSP9V: 1" HV BSP female threaded Rainbird Solenoid valve (H01040), complete with 9 volt DC latching solenoid coil. Use this valve only on 9-volt battery-operated timers.	£34.21
RB-H05040	100-HV9VMM-BSP: 1" BSP male threaded Rainbird HV Solenoid valve (H05040), complete with 9 volt DC latching coil. Use this valve only on 9-volt battery-operated timers.	£34.21

Useful Accessories

Product code	Description	Price
RB-L63000	King wire connector for maximum 2 wires at 2.5mm or 3 wires at 1.5mm thickness.	£1.33
RB-236632	Connector for maximum 3 wires; great for the common cable joints.	£1.66
RB-236307	Replacement solenoid coil 24 vac for HV solenoid valve	£13.92
RB-MW9999	Wire stripper tool	£42.41

DV

For residential irrigation systems

The DV Solenoid Valve is available in ¾" & 1" BSP and is designed with garden irrigation in mind. It is simple and reliable. Available with Flow-Control (F) if you want that extra bit of control; you can use this as a tap to reduce the flow if you need to. For operating pressures between 1 and 10.4 bar, it even has a tiny 200 micron filter built into it to protect it. If you want reliability in your landscape and garden projects, then the DV solenoid valve should be your first choice.



Product code	Description	Price
RB-B72110	¾" BSP female threaded Rainbird DV Solenoid valve (B72110), complete with standard 24vac coil.	£28.40
RB-B70211	1" BSP female threaded Rainbird DV Solenoid valve (B70211), complete with standard 24vac coil.	£28.40
RB-B70500	1" BSP male threaded Rainbird DV Solenoid valve (B70500), complete with standard 24vac coil.	£28.40
RB-B70311	1" BSP Female threaded Rainbird DV Solenoid valve WITH Flow Control (B70311), complete with standard 24vac coil.	£37.14
RB-B70350	1" BSP female threaded Rainbird DV Solenoid valve (B70350), complete with 9 volt DC latching coil. Use this valve on battery-operated timers only.	£45.58
RB-B70540	1" BSP male threaded Rainbird DV Solenoid valve (B70540), complete with 9 volt DC latching coil. Use this valve on battery-operated timers only.	£45.58

Useful Accessories

Product code	Description	Price
RB-L63000	King cable connector for maximum 2 wires at 2.5mm or 3 wires at 1.5mm thickness.	£1.33
RB-236632	DBM10 Cable connector for maximum 3 wires, 1.5mm	£1.66
RB-20858801	Replacement solenoid coil 24 vac for DV solenoid valve	£19.82
RB-K80920	Replacement 9-volt DC latching solenoid coil DV solenoid valve: Use this only on battery-operated solenoid valves	£36.55
RB-21074603	Replacement diaphragm kit for DV/DVF solenoid valves	£22.50
RB-MW9999	Wire stripper tool	£42.41

▶ PGA

This is the Rain Bird work-horse of commercial grade solenoid valves. Use these on large landscape projects, sports pitches, golf courses and other large irrigation systems where reliability matters, but at a realistic price. For standard irrigation controllers, including decoder controllers, use the 24vac option. For battery-operated timers that are not connected to mains power, use the 9 volt DC latching option.



Product code	24 VAC option for standard controllers	Price
RB-B31410	1" BSP female inlet /outlet Rainbird PGA Solenoid valve, complete with standard 24vac coil. Globe or angle.	£49.82
RB-B31510	1½" BSP female inlet /outlet Rainbird PGA Solenoid valve, complete with 24vac coil. Globe or angle.	£81.24
RB-B31610	2" BSP female inlet /outlet Rainbird PGA Solenoid valve, complete with 24vac coil. Globe or angle.	£114.35

Product code	9 Volt latching option for DcC operated battery timers	Price
RB-B31440	1" BSP female inlet /outlet Rainbird PGA Solenoid valve, complete with 9 VOLT DC LATCHING coil. Globe or angle.	£73.55
RB-B31540	1½" BSP female inlet /outlet Rainbird PGA Solenoid valve, complete with 9 VOLT DC LATCHING coil. Globe or angle.	£103.41
RB-B31640	2" BSP female inlet /outlet Rainbird PGA Solenoid valve, complete with 9 VOLT DC LATCHING coil. Globe or angle.	£129.12

Useful Accessories

Product code	Description	Price
RB-B33135	PRS-Dial Pressure regulator for solenoid valve. This connects on the valve below the solenoid coil.	£85.23
RB-L63000	King wire connector for maximum 2 wires at 2.5mm or 3 wires at 1.5mm thickness.	£1.33
RB-WC100	WCUL100 Wire connector for maximum 3 wires at 4mm thickness (2.5mm decoder cable). Use these for decoder systems.	£2.24
RB-MW9999	Wire stripper tool	£42.41
RB-236239	SOLASSG4 Replacement solenoid coil 24 vac for PGA & PEB solenoid valves.	£52.00
RB-K80920	K80920 Replacement 9 volt DC latching solenoid coil . DV, PGA, PESB, PEB solenoid valves. Only use this for battery-operated systems	£36.55
RB-209792	Replacement diaphragm kit for 1" PGA solenoid valve	£29.84
RB-209675	Replacement diaphragm kit for 1½" PGA solenoid valve	£34.81
RB-209005	Replacement diaphragm kit for 2" PGA solenoid valve	£42.08

Prices correct at the time of printing

▶ PRS Dial

Rain Bird PRS Dial: Solenoid Valve Pressure regulator

The Rain Bird PRS Dial screws directly onto your Rain Bird commercial grade solenoid valve; simply unscrew the solenoid coil, screw this into the hole it creates, and then screw the solenoid coil back into the top of it. This pressure regulator controls the downstream pressure that comes out of the solenoid valve, and you can adjust the pressure by simply twisting the dial. The PRS Dial pressure regulator fits on Rain Bird PGA and PEB solenoid valves. It does not fit on the smaller domestic grade valves such as the DV and HV valves. In landscape irrigation systems, which often have dripline irrigating the gardens and then pop-up sprinklers irrigating the lawns; you can adjust each solenoid station to have the correct downstream pressure to match the emitter or sprinkler. This allows the emitters and sprinklers to operate at their correct pressure, which means in turn they will have the correct flow rate. It especially prevents sprinklers from "misting" due to the pressure being too high and can prevent dripline & spray sprinklers from being damaged. The PRS Dial will regulate pressures between 1.04 bar and 6.9 bar.

Note: The proper operating requires that the upstream (incoming) pressure needs to be no less than 1.04 bar higher than the desired outlet pressure.

Fits Solenoid valves: PGA, PEB, PESB.

Pressure regulation: 1.04 bar to 6.9 bar

Required incoming pressure: 1.04 bar higher than the required outlet pressure.

Product code	Description	Price
RB-B33135	PRS Dial Pressure regulator for PGA, PEB, PESB solenoid valves	£85.23



Solenoid Manifolds

Rain Bird Solenoid 1" Manifold Fittings

Manifold fittings are all 1" BSP and make installing multiple valves simple in landscape irrigation systems. They screw together without the need for thread tape or even a wrench; each threaded fitting contains an o-ring so you only need to tighten the thread up hand-tight (in fact using a wrench can damage the o-ring). Various configurations are available so you can easily assemble each manifold according to how many solenoid valves you have in any given valve box.

1200 Series manifold fittings have female threaded swivel connections, so they are designed for male-threaded solenoid valves.

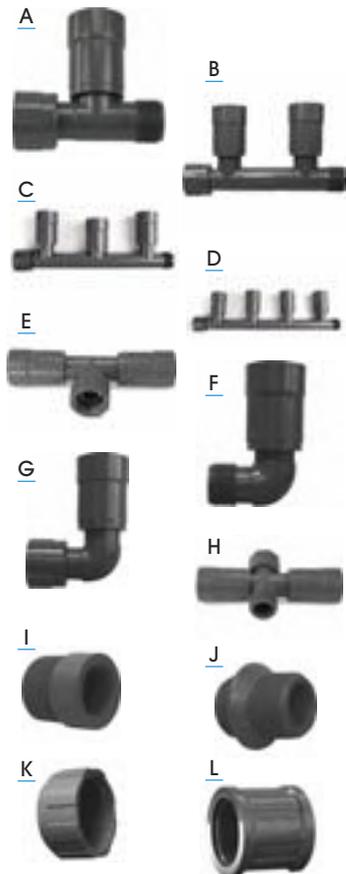
1300 series manifold fittings have male swivel connections so will screw directly into female-threaded solenoid valves.



1200 Series Manifold Fittings

(use these for male-threaded solenoid valves)

Product code	Description	Price
RB-V54262 <i>image A</i>	PVC Union Tee manifold 1" female x 1" swivel male x 1" female	£7.01
RB-V54263 <i>image B</i>	PVC 2-outlet Manifold 1" male inlet x 2 swivel female outlets	£13.38
RB-V54264 <i>image C</i>	PVC 3-outlet manifold 1" male inlet x 3 swivel female outlets	£20.03
RB-V54265 <i>image D</i>	PVC 4-outlet manifold 1" male inlet x 4 swivel female outlets	£26.96
RB-V54266 <i>image E</i>	PVC Tee double Swivel 1" female-2 opposite outlets: 1" F x 1" F	£9.84
RB-V54268 <i>image F</i>	PVC Union Elbow 1" male x 1" swivel female	£5.80
RB-V54269 <i>image G</i>	PVC Union Elbow 1" female x 1" swivel female	£6.55
RB-V54270 <i>image H</i>	PVC Union Cross male inlet x female outlet x 2 opposite swivel outlets	£9.23
RB-V54277 <i>image I</i>	PVC reducing adapter 1" male x 3/4" female	£1.97
RB-V54278 <i>image J</i>	PVC nipple adapter 1" male x 1" male	£1.83
RB-V54280 <i>image K</i>	PVC Cap 1" female	£1.50
RB-V54305 <i>image L</i>	PVC Socket Coupling 1" female x 1" female	£1.68

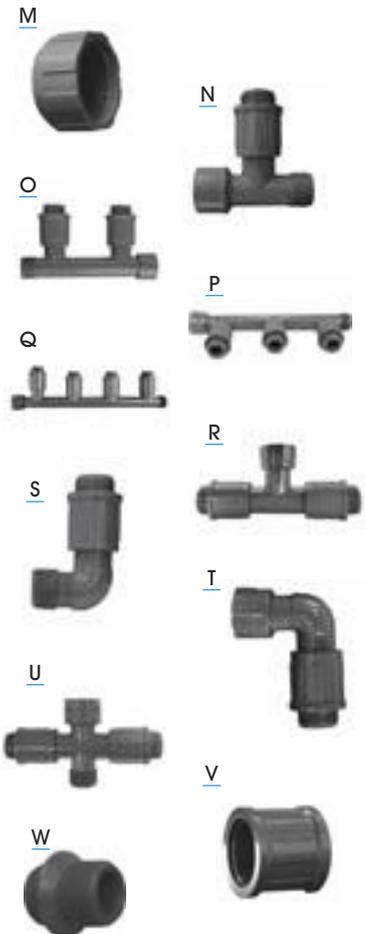


Solenoid Manifolds

1300 Series Manifold Fittings

(use these for female-threaded solenoid valves)

Product code	Description	Price
RB-V54280 <i>image M</i>	PVC Cap 1" female	£1.50
RB-V54281 <i>image N</i>	PVC Union Tee manifold 1" female inlet x swivel male x 1" male	£6.94
RB-V54282 <i>image O</i>	PVC 2-outlet Manifold 1" female x 2 male swivel outlets; male inlet, female outlet	£13.38
RB-V54283 <i>image P</i>	PVC 3-outlet Manifold 1" female x 3 male swivel outlets; male inlet, female outlet	£20.03
RB-V54284 <i>image Q</i>	PVC 4-outlet Manifold 1" female x 4 male swivel outlets; male inlet, female outlet	£26.96
RB-V54285 <i>image R</i>	PVC Tee double Swivel 1" female inlet x 2 opposite swivel male outlets	£9.73
RB-V54287 <i>image S</i>	PVC Union Elbow: 1" male x 1" swivel male	£5.80
RB-V54288 <i>image T</i>	PVC Union Elbow: 1" swivel male x 1" female	£6.48
RB-V54289 <i>image U</i>	PVC Union Cross 1" female inlet x 2 opposite swivel male outlets x 1" male on cross	£9.16
RB-V54305 <i>image V</i>	PVC Socket Coupling 1" female x 1" female	£1.68
RB-V54278 <i>image W</i>	PVC nipple adapter 1" male x 1" male	£1.83



Decoder & Multi-core Cable and Connectors

Solenoid Control Cable

Solenoid Control Cable links the controller to the solenoid valves. In large irrigation systems such as golf courses or sports clubs with more than one pitch, decoder or IC systems are used. For both these systems the same 2.5mm twin core cable links all the solenoid valves and rotors to the controller.

For smaller landscape projects and single-pitch football systems it is generally more economic to use multi-core cable. Therefore we have listed both options on this page.

Decoder & IC Cable for large irrigation systems

Product code	Description	Price
RB-MW0501	Rain Bird Blue System Cable 2 x 2.5mm ² cable -11mm diameter- 500 metre coil	£1,249.46
RB-MW0501/M	Rain Bird Blue System Cable 2 x 2.5mm ² cable - 11mm diameter- sold per metre; minimum order 10 metres	£3.50/m
RB-WC100 <i>inset image</i>	DBRY style connector for Max 3 wires 4 mm ² (600V max); use this for all decoder & IC cable joints	£2.24



Multi-Core Cable for landscape and single pitch systems

Multi-core cable, as the name implies, has several strands of cable that are each individually sheathed, all sheathed in turn into an overall sheath. For multi-cable systems you will need one more strand of cable than your quantity of solenoid valves; i.e. if you have 6 valves you'll need 7-core cable. The extra core is for the common cable. Note that this is low-voltage cable and is only designed for 24vac solenoid valves.

Product code	Description	Price
RB-C03075	3 color-coded conductors, 75m drum.	£76.17
RB-C03150	3 color-coded conductors, 150m drum.	£152.33
RB-C05075	5 color-coded conductors, 75m drum.	£115.04
RB-C05150	5 color-coded conductors, 150m drum.	£230.07
RB-C07075	7 color-coded conductors, 75m drum.	£155.36
RB-C07150	7 color-coded conductors, 150m drum.	£310.72
RB-C09075	9 color-coded conductors, 75m drum.	£199.09
RB-C13075	13 color-coded conductors, 75m drum.	£267.47



Accessories

Product code	Description	Price
MW9999 <i>image A</i>	Wire Stripper Tool; use this tool to strip the sheathing from the cable before inserting into the cable connector.	£42.41
RB-236632 <i>image B</i>	DBM10 Connector for Max 3 wires 1.5 mm ² (600V max). You don't need to strip the sheath using these connectors. Perfect for the common cable connections.	£1.66
RB-L63000 <i>image C</i>	KING Connector for Max 2 wires 2.5 mm ² or 3 wires 1.5 mm ² (30V max)	£1.33



Prices correct at the time of printing

▶ Landscape Boxes

Valve boxes are used to hide your solenoid valves and taps under the ground in safety. A well installed valve box will have its surface at ground level. These Rain Bird valve boxes have green lids so you can install one in the lawn and have it reasonably camouflaged, and are constructed of polypropylene.

The sides of the valve box are pre-cut for the pipes to enter and exit. There is a built-in hole in the lid so you can lift it off easily.

These **Rain Bird Landscape Valve Boxes** are sturdy but are not designed for heavy machinery such as tractors to drive over them. If this is the case, use our Rain Bird heavy duty boxes instead.

Product code	Description	Price
Rain Bird Landscape Valve Boxes (including lid)		
RB-VBA17186 <i>image A</i>	Round irrigation hydrant, 3/4" valve	£28.81
RB-VBA02672 <i>image B</i>	7" Round valve box with bayonet-type cover - L20 x W16 x H24 cm	£6.14
RB-VBA02673 <i>image C</i>	10" Round valve box with clip-on cover - L33.5 x W24 cm x H25.5 cm	£13.04
RB-VBA02674 <i>image D</i>	Standard Rectangular valve box with bolt lock cover - L50.5 x W37 x H30.5 cm	£30.65
RB-VBA02675 <i>image E</i>	Jumbo Rectangular valve box with bolt lock cover - L63 x W48 x H30.5 cm	£48.95
Rain Bird Extensions for the valve boxes		
Use an extension if you want to make the inside of the box deeper, for example you need more space or your pipes have been installed deeper than a standard box will allow. The valve box extension goes underneath the valve box		
RB-VBA02676 <i>image F</i>	Extension less cover for standard rectangular valve box VBA02674 L39.5 x W27 x H18 cm	£16.93
RB-VBA07777 <i>image F</i>	Extension less cover for jumbo rectangular valve box VBA02675 L55 x W38 x H19 cm	£23.17
Rain Bird Replacement Valve Box Lids		
Sometimes lids get lost, broken or stolen. Here are replacement lids for the 2 bigger rectangular boxes		
RB-VBA02674C <i>image G</i>	Replacement cover only for Standard rectangular valve box VBA02674	£13.92
RB-VBA02675C <i>image G</i>	Replacement cover only for Jumbo rectangular valve box VBA02675	£19.37



Prices correct at the time of printing

▶ Pressure Regulating Filters

Use these directly downstream of your solenoid valve to protect the system from debris and from excess pressure at the same time. These are great for drip irrigation systems.

Inlet pressure range:

1.4 to 10.3 bar

Outlet pressure:

¾" inlet unit 2.1 bar downstream pressure

1" inlet unit 2.8 bar downstream pressure

The body and cap are constructed of glass-filled polypropylene and have a 10.3 bar pressure rating.

The filter element is 200 micron (0.2mm) in both sized units.



Product code	Description	Price
RB-X13000	¾" pressure regulating filter	£19.53
RB-X13013	1" pressure regulating filter	£21.45
Replacement Screen		
RB-X14020	75-micron replacement screen	£8.82

Large Capacity Filters

Inline filters to protect your irrigation system

For pipelines diameters 1", 1½" and 2", use these filters to protect your sprinklers and solenoid valves from debris. Screen filter elements are best for solid debris such as grit, while disc filter elements are better for organic debris such as slime and insect larvae that you'd get when you extract from a pond (these will clog a screen filter). These Rain Bird filters are designed for landscape irrigation systems and one should be installed in every system to protect your hardware from debris.

Product code	Description	Price
RB-X14610	1" BSP Large Capacity SCREEN filter (X14610)	£10.18
RB-X14611	1" BSP Large Capacity DISC filter (X14611)	£15.92
RB-X14612	1½" BSP Large Capacity SCREEN filter (X14612)	£30.29
RB-X14613	1½" BSP Large Capacity DISC filter (X14613)	£37.94
RB-X14614	2" BSP Large Capacity SCREEN filter (X14614)	£32.59
RB-X14615	2" BSP Large Capacity DISC filter (X14615)	£42.77

Replacement Screens & Discs

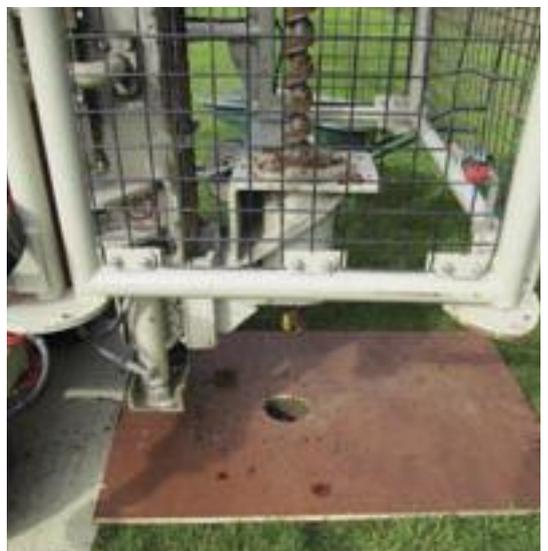
Product code	Description	Price
RB-X14618	130-micron SCREEN replacement cartridge for 1½" and 2" filter (X14618)	£11.27
RB-X14619	130-micron DISC replacement cartridge for 1½" and 2" filter (X14619)	£25.49



Vertical Drainage System



Fairway saturated and prone to ponding at Copt Heath Golf Club



Ground Water Dynamics (GWD) provides a revolutionary new vertical drainage system for the UK sports, landscape and amenity markets.

Totally different from other drainage systems, the GWD use an Energy-Passive Ground-Water Recharge Pump (EGRP) that enables rain water to be captured 'at source' instead of simply moving the problem to another area."

How does it work?

The system is installed by drilling bore-holes up to 12 metres deep with minimal surface disruption and does not require trenches or major earth works. Each bore-hole is no more than 90mm in diameter and, after the insertion of the five-chamber EGRP device, the bore-hole is top dressed with a root zone mix.

The Problem

Certain soil types, comprised of horizontal layers of clay and silt, can offer limited drainage capacity resulting in heavily saturated playing surfaces and localised ponding.

Traditional drainage methods of excavating trenches and laying underground pipe work causes major surface disruption and prevents utilization of the facility until the surface has been reinstated.

The Answer

Groundwater Dynamics' EGRP system addresses this problem by inserting the system vertically into the ground and, once activated, the unique five-chamber design with its mild vacuum connects these horizontal layers of soil and attracts groundwater laterally towards the device before taking it down to lower unsaturated strata and away from problem areas.

The Benefits

EGRP requires no external energy source, creates very little disruption during installation and is environmentally sustainable. It is suitable for all soil types and provides designers, planners and landscape architects with the opportunity to manage surface water run-off, nuisance groundwater and localised flooding. Most importantly, rainfall can be dealt with at "source" with no requirement to link up with storm-drains or sewers.

Key Features:

- › Little surface disruption
- › No outflow required
- › No external energy source
- › Deals with rainfall at source
- › No maintenance required
- › Targets localised areas
- › Drains bunkers

Projects:

Football Clubs - Fulham FC
Golf Clubs - Copt Heath GC
Gleneagles
Infrastructure - Silverstone
Cricket - Warwickshire CCC

For further information contact your Rigby Taylor area manager
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