

The background of the entire page is a photograph of a golf course green being watered by several sprinklers. The water is spraying out in multiple arcs, creating a misty atmosphere. A flag is visible on the green in the distance, and trees line the background under a clear sky.

# IRRIGATION

For Golf Courses, Sports Fields  
& Landscaping

2022

**RAIN  BIRD®**

Origin Amenity Solutions Ltd is the authorised UK distributor of Rain Bird golf course, sports and landscape irrigation products



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*Simplified upgrades*

*A partner dedicated solely to irrigation*

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*"As a flagship for innovation and sustainable management, Rain Bird was the clear choice of irrigation partner to support our vision. It is exciting to be working with companies whose technologies will help us set new benchmarks in the years ahead."*

Michael Wells | Chief Executive, Carnoustie Golf Links, Scotland

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# IRRIGATION

## Welcome to the World of Water Management

This new Origin Amenity 2022 Irrigation Catalogue follows the successful launch last year of what was regarded by many as the UK's must-have informative and reference publication on irrigation products. It contains comprehensive, fully illustrative and easily accessible information on product descriptions and prices.

Our first edition was very successful but we incorporated some improvements based on customer and reader feedback. The book is designed to help you determine and select what irrigation products your current system may require, whether it's for repairs, replacement, an overhaul or an extension.

Water is a highly valued resource, so using it effectively is vitally important both from an environmental and economic viewpoint. If you are having issues with your irrigation system or think it could be made more efficient, then please make contact with us direct or with your preferred irrigation contractor.

As you will see when reading this catalogue, we have included retail prices alongside the featured products. We debated the value of publishing these at a time when the market is so volatile; For example, we know that by the time you read this there might have been price rises. However, in discussion with many in the industry, it was decided to include prices as it provides a guide and starting point from which budgeting and buying decisions can be made.

However, to get an up to date indication of costs on all the products featured, we have provided a simple and fast route to obtain real-time pricing across the range. See Real Time Pricing panel opposite.

### Real Time Pricing

Open the Irrigation Catalogue to the product page of interest

Take note of the **Order Code** in the far left column

Log onto [www.rigbytaylor.com](http://www.rigbytaylor.com)

Enter this Code in the 'Enter your search term' top right of the Home page

Click on the search icon

**Example:**

Page 24, 5000 Series Rotors

Order Code: RB-Y54I0730MX

Enter this Code in the 'search term' box

Click icon

Page will display with the current price £XXX

Prices are updated as they change  
All prices on the website are retail

### Discounts

Discounts are available on selected products and for quantity for trade customers.

Contact your Area Manager from Headland Amenity, Rigby Taylor or Symbio. Alternatively, contact a member of the Irrigation Product Sales team to find what your discount is. The pricing and discounts are the same across all the three businesses in the Origin Amenity group.

If you are an irrigation contractor then again, please use the Rigby Taylor website to get the latest retail price. Call us if you need further information.

Finally, if you would like to talk direct with someone in the Origin Amenity Irrigation sales team directly then please email one of us:

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## DRIP & SPRINKLERS

# 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!

### XFD On-Surface Dripline

Lay this on the surface of the garden; it can be covered with mulch but not buried.



Order code	Rain Bird Ref.	Description	Price
RB-X44252	XFD16 33 100	XFD Dripline-100m coil, 33cm emitter spacing, 1.6 lph per emitter	£114.91
RB-X44201	XFD23 33 50	XFD Dripline-50m coil, 33cm emitter spacing, 2.3 lph per emitter	£60.02
RB-X44202	XFD23 33 100	XFD Dripline-100m coil, 33cm emitter spacing, 2.3 lph per emitter	£114.91
RB-X44222	XFD23 50 100	XFD Dripline-100m coil, 50cm emitter spacing, 2.3 lph per emitter	£96.28

### XFS-CV Dripline with Check Valve

This can be buried, and the check valve prevents the dripline from losing the water that's inside it. Good for moderately undulating ground.



Order code	Rain Bird Ref.	Description	Price
RB-X49402	XFSCV23 33 100	XFS-CV Subsurface dripline complete with check-valve; 100m coil, 33cm spacing, 2.3 l/hour per emitter	£177.04

\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytaylor.com](http://www.rigbytaylor.com) and insert the product **Order Code** (left hand column) into the "Enter your search item" box at the top of the Home page.



## DRIP & SPRINKLERS

# Dripline

### XFS Subsurface Dripline

This dripline tube can be buried into the garden. It has copper technology within each emitter which prevents plant roots from intruding into the drip emitter and then blocking it.



Order code	Rain Bird Ref.	Description	Price
RB-X48301	XFS16 33 100	XFS subsurface dripline 100m coil, 33cm emitter spacing, 1.6 lph per emitter	£165.35
RB-X48201	XFS23 33 100	XFS subsurface dripline 100m coil, 33cm emitter spacing, 2.3 lph per emitter	£165.35

### Useful Accessories

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



Order code	Rain Bird Ref.	Description	Price
RB-XP3113	C12	Tie-down stake for tubing (use 1 every metre of dripline)	£0.40
B-XP3020	700CF22	Tubing end-closure (use on the end of each dripline run)	£0.29
RB-X82100	PPC200X	Tubing cutter	£38.11

### Blank tubing

Use this to join the dripline where you don't want any emitters, like from the solenoid valve across to the start of the garden.



Order code	Rain Bird Ref.	Description	Price
RB-X35492	DBL100	XDBL100 16mm Blank tubing BLACK, 100 metre coil	£65.91
RB-X45009	XFD1600	XFD1600 16mm blank tubing BROWN, 100 metre coil	£83.56

### 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 & makes it more accurate. The header tube is 3/4" outside diameter (20.8mm ID)



Order code	Rain Bird Ref.	Description	Price
RB-X46200	XQF7512100	QF header 30 metres, 30cm between row connections	£218.73
RB-X46210	XQF7518100	QF header 30 metres, 45cm between row connections	£204.04
RB-XQF46000	XQF46000QF	Header compression fittings	£62.41

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## DRIP & SPRINKLERS

# Dripline & Garden Tube 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**

**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 and blank tubing.

Order code	Rain Bird Ref.	Description	Price
RB-X36370	XFF COUP	Barbed connector 17mm <i>(image A)</i>	£0.32
RB-X36372	XFF ELBOW	Barbed plain elbow 17mm <i>(image B)</i>	£0.49
RB-X36373	XFF TEE	Barbed plain tee 17 mm <i>(image C)</i>	£0.59
RB-X36374	XFF MA050	Barbed male adapter-17mm tube x 1/2" BSP male <i>(image D)</i>	£0.51
RB-X36375	XFF MA075	Barbed male adapter-17mm tube x 3/4" BSP male <i>(image D)</i>	£0.58
RB-X36376	XFF TMA050	Barbed tee x male adapter-17mm tube both sides x 1/2" BSP offtake <i>(image E)</i>	£0.78
RB-XCL017	CLAMP	Clamp for tubing – holds the tube and fitting together under pressure <i>(image F)</i>	£0.32
RB-X36380	FITINSTOOL	XFF fittings Insertion tool, save your thumbs! <i>(image G)</i>	£4.08
RB-XPD3113	C12	Tie-down stake for tubing (suggest 1 every metre of dripline) <i>(image H)</i>	£0.40
RB-XPD3020	700CF22	Tubing end-closure (use on the end of each dripline run); these are great for flushing the system out each season. <i>(image I)</i>	£0.29
RB-X82100	PPC200X	Tubing cutter <i>(image J)</i>	£38.11



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## DRIP & SPRINKLERS

# Dripline & Garden Tube Fittings

### 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.

Order code	Rain Bird Ref.	Description	Price
RB-XP0012	BF12 Lock	Lock type plain joiner- join 2 dripline tubes together ( <i>image K</i> )	<b>£0.95</b>
RB-XP0022	BF22 Lock	Lock type plain elbow – standard elbow ( <i>image L</i> )	<b>£1.49</b>
RB-XP0032	BF32 Lock	Lock type plain tee – standard tee ( <i>image M</i> )	<b>£1.92</b>
RB-XP008250	BF8250 Lock	16 mm lock type male threaded adaptor ½" ( <i>image N</i> )	<b>£0.66</b>
RB-XP008275	BF8275 Lock	16 mm lock type male threaded adaptor ¾" ( <i>image O</i> )	<b>£0.61</b>
RB-XP006250	BF6250 Lock	16 mm lock type female threaded adaptor ½" ( <i>image P</i> )	<b>£1.58</b>
RB-XP006275	BF6275 Lock	16 mm lock type female threaded adaptor ¾" ( <i>image Q</i> )	<b>£1.58</b>
RB-XP0062	BF Plug Lock	Lock type end-plug for 16 mm tubing ( <i>image R</i> )	<b>£0.74</b>
RB-XP0092	BF92 Lock	Lock type manual valve- insert directly into the tube for turning a line on or off ( <i>image S</i> )	<b>£2.27</b>
RB-XP008275V	BF Valve Lock	Lock type manual valve with ¾" male thread one end ( <i>image T</i> )	<b>£1.92</b>



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## DRIP & SPRINKLERS

# Garden Drip Emitters

Drip emitters are used to irrigate individual plants, trees and pots in a landscape environment. 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
- \* 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.



Order code	Rain Bird Ref.	Description	Price
RB-X68525	XB05PC	2 litres per hour pressure compensating barbed emitter (blue)	£0.29
RB-X68530	XB10PC	4 litres per hour pressure compensating barbed emitter (black)	£0.29
RB-X68535	XB20PC	8 litres per hour pressure compensating barbed emitter (red)	£0.29

### Barbed drippers for larger flow rates

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



Order code	Rain Bird Ref.	Description	Price
RB-X71012	PC12	45 litres per hour pressure compensating barbed emitter	£1.58
RB-X71018	PC18	68 litres per hour pressure compensating barbed emitter	£1.58

### 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.



Order code	Rain Bird Ref.	Description	Price
RB-X73005	PCT-05	19 litres per hour ½" BSP female PC bubbler	£3.02
RB-X73007	PCT-07	26 litres per hour ½" BSP female PC bubbler	£3.02
RB-X73010	PCT-10	38 litres per hour ½" BSP female PC bubbler	£3.02





## DRIP & SPRINKLERS

# Garden Drip Emitters

### Pressure Compensating Multi-Outlet Xeri-bug emitter

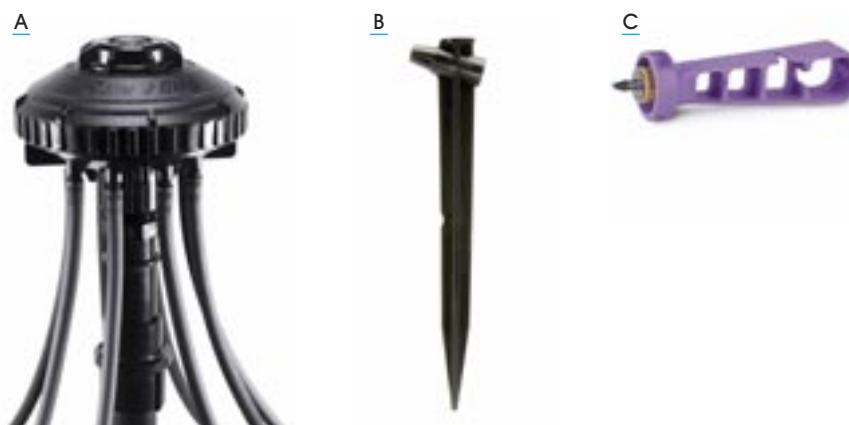
This is a **6-outlet** pressure-compensating emitter with a barbed inlet. The 6-outlet emitter comes with 1 outlet open. Make more outlets open by clipping the tops off as required. This device can be handy if you want to irrigate a plant at various points; also great for potted plants where the one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



Order code	Rain Bird Ref.	Description	Price
RB-X67000	XB-10-6	6-outlet emitter – 4 litres per hour	£6.71

### Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-X61000	XBD81	8 Outlet Emission Device This multi-outlet device screws onto a ½" riser pipe. It accepts up to 8 Xer-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 ( <i>image A</i> )	£20.66
RB-X54000	TS-025	Tubing Stake Use the Tubing Stake to hold your 6mm tube & emitter in place ( <i>image B</i> )	£0.68
RB-X80100	XM-Tool	Xeri-man emitter insertion tool Use this handy tool to punch 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 ( <i>image C</i> )	£4.58
RB-X33010MX	XQ100	6mm Micro tubing-30 metre coil	£17.96



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## DRIP & SPRINKLERS

# Microsprinklers

Micro-sprinklers, as the name implies, throw water further afield. Most micro-sprinklers either come on a stake or require a stake to hold them off the ground so they can throw the water effectively. 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-XPDI303 model produces a fan coverage up to about 2 metres, while the RB-XPDI403 model produces "spiders legs" coverage up to about half a metre 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.



Order code	Rain Bird Ref.	Description	Price
RB-XPDI303	XS360TSSPYK	Adjustable flow FAN coverage micro spray c/w 12cm spike	£1.06
RB-XPDI403	SXB360SPYK	Adjustable flow "spider's legs" micro spray, c/w 12cm spike. This micro sprinkler emits a number of large droplets in the format of spiders legs	£0.78

### 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 up to 51cm above the base of the stake. 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.

Order code	Rain Bird Ref.	Description	Price
RB-XT020034	Jet spike 90°	¼ circle micro-spray on 30cm stake c/w rigid riser & 50cm tube. Use these on the corners of gardens or on the corner of a planter.	£3.44
RB-XT020035	Jet spike 180°	½ circle micro-spray on stake c/w rigid riser & 50cm tube. Use these along the edge of a garden or the side of a planter to throw into the garden.	£3.44
RB-XT020036	Jet spike 360°	full circle micro-spray on stake c/w rigid riser & 50cm tube. Use these in the middle of a garden but be aware of over-throw (wetting paths & buildings which can make a mess).	£3.44



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# DRIP & SPRINKLERS

## Microsprinklers

### 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. These are designed to throw a square pattern and will throw 0.8m or 1.2m with the turn of the nozzle.



Order code	Rain Bird Ref.	Description	Price
RB-X54400	XP400X	Micro pop up spray 4" x 1/4" (10cm with 6mm tube connection)	£4.62
RB-X54900	SQFUL	SQ PC Nozzles full circle pattern (red) fits the Xeri-pop body	£3.72
RB-X54901	SQHLLF	SQ PC Nozzles 1/2 circle pattern fits the Xeri-pop body	£3.72
RB-X54902	SQQTR	SQ PC Nozzles 1/4 circle pattern fits the Xeri-pop body	£3.72

### Useful Micro-Sprinkler Accessories:

Order code	Rain Bird Ref.	Description	Price
RB-XPD2304	BF1	Micro tubing barb connector ( <i>image A</i> )	£0.20
RB-XPD2204	BF2	Micro tubing barb elbow	£0.28
RB-XPD2104	BF3	Micro tubing barb tee	£0.27
RB-X42050	EMAGPX	Tubing goof plug – for plugging up unwanted 6mm holes, like when you've removed an old sprinkler	£0.16
RB-X33010MX	XQ100	Micro tubing-30m coil-6 mm	£17.96
RB-X33100MX	XQ1000	Micro tubing-300m coil-6 mm	£131.62
RB-X33101MX	XQ1000B	Micro tubing B-300m coil-6 mm in a handy bucket, pull the tube through the bucket lid ( <i>image B</i> )	£154.82
RB-X56500	PFR/RS	30cm Riser & stake assembly	£1.34
RB-X54000	TS025	Stake for microtubing-6mm	£0.68
RB-X50000	DBC025	Microtubing diffuser bug cap	£0.62
RB-X82100	PPC200X	Tubing cutter ( <i>image C</i> )	£38.11

**A**



**B**



**C**



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## DRIP & SPRINKLERS

# Rootzone Watering System (RWS)

This is a smart method to irrigate trees & 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.

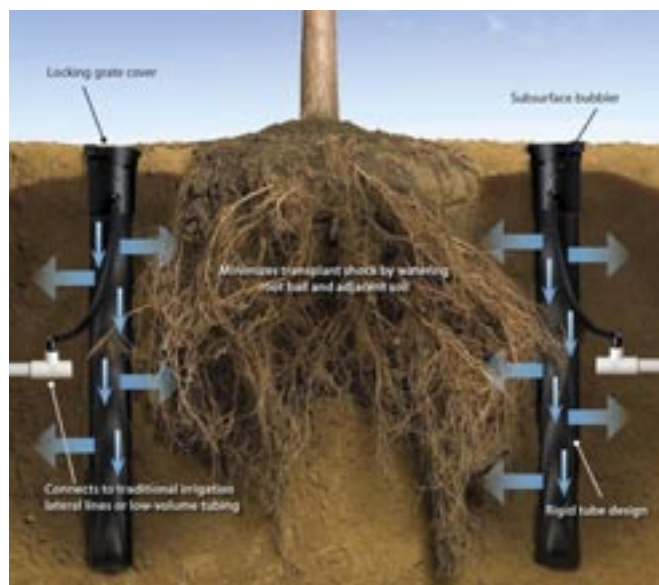


There are 3 main models:

**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.



Order code	Rain Bird Ref.	Description	Price
RB-A22420	RWSBGX	RWS-PC bubbler (RWSB1401). 91cm deep x 10cm (36" x 4") wide, c/w 1401 bubbler on a riser (57 litres per hour), includes a ½" swing joint ( <i>image A</i> )	£49.66
RB-A22460	RWSMBG	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), includes a ½" spiral elbow ( <i>image B</i> )	£33.72
RB-A22485	RWSSBG	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), includes a ½" spiral elbow ( <i>image C</i> )	£20.49



Order code	Rain Bird Ref.	Description	Price
RB-A82060	SPXFLEX30	SPX Flex ½" tubing 30 metre coil ( <i>image D</i> )	£41.68
RB-A46010	SBE050	Spiral barb elbow: ½" male x barb	£0.33





## DRIP & SPRINKLERS

# 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. Chosen for its reliability, its heavy-duty materials, and its versatility, the 1800 Series offers a broad selection of pop up heights and nozzle combinations for watering shrubs, small lawns, and irregularly shaped planting areas.

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 these 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

Order code	Rain Bird Ref.	Description	Price
RB-A16501A	PA8S	½" female threaded adapter. Use this on top of a ½" threaded riser pipes. Great for gardens.	£3.11
RB-A44020	1802	1800 Series pop-up body with 2" riser height	£3.41
RB-A44120	1804	1800 Series pop-up body with 4" riser height	£3.39
RB-A44205	1806	1800 Series pop-up body with 6" riser height	£11.21
RB-A44305	1812	1800 Series pop-up body with 12" riser height	£17.65

### 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 elevation.

Order code	Rain Bird Ref.	Description	Price
RB-A43905	1804SAM	1800 Series pop body with 4" riser height and SAM anti-drain check valve	£6.97
RB-A43912	1806SAM	1800 Series pop body with 6" riser height and SAM anti-drain check valve	£17.09
RB-A43930	1812SAM	1800 Series pop body with 12" riser height and SAM anti-drain check valve	£20.96





## DRIP & SPRINKLERS

# 1800 Series Spray Bodies

### 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.

Order code	Rain Bird Ref.	Description	Price
RB-A37341	RD 04 S P30 F	1800 Series pop body with 4" riser height, SAM anti-drain check valve Plus in-built pressure regulation to 2.1 Bar (30psi; suitable for spray nozzles)	<b>£14.78</b>
RB-A37441	RD 04 S P45 F	1800 Series pop body with 4" riser height, SAM anti-drain check valve Plus in-built pressure regulation to 3.1 Bar (45psi; suitable for R-Van rotary nozzles)	<b>£14.78</b>
RB-A37361	RD 06 S P30 F	1800 Series pop body with 6" riser height, SAM anti-drain check valve Plus in-built pressure regulation to 2.1 Bar (30psi; suitable for spray nozzles)	<b>£20.60</b>
RB-A37321	RD 12 S P30 F	1800 Series pop body with 12" riser height, SAM anti-drain check valve Plus in-built pressure regulation to 2.1 Bar (30psi; suitable for spray nozzles)	<b>£27.42</b>



### Useful Accessories:

Order code	Rain Bird Ref.	Description	Price
RB-A44500	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. <i>(image A)</i>	<b>£6.80</b>
RB-A82060	SPXFLEX30	Tubing 30 m coil. Cut this into 30cm lengths and use it as a flexible swing joint between your irrigation pipe and the sprinkler <i>(image B)</i>	<b>£41.68</b>
RB-A46010	SBE050	Spiral barb fitting: ½" male x barb elbow; use this to join each end of the SPX Flex tubing <i>(image C)</i>	<b>£0.33</b>
IRR-SJ050300		Rigid swing joint 1" BSP x 300mm long; 2 moveable elbows each end. Made of rigid plastic. *THIS IS A CODE B PRODUCT AND IS NOT MANUFACTURED BY RAIN BIRD	<b>£5.95</b>

A



B



C



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## DRIP & SPRINKLERS

# 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  $\frac{1}{4}$ ,  $\frac{1}{2}$ , 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.

Order code	Rain Bird Ref.	Description	Price
<b>PART-CIRCLE MODELS:</b>			
RB-A84659A	RVAN14	variable arc rotary sprinkler 2.4 - 4.6 metres radius; arc 45 degrees - 270 degrees. Body colour light blue above, black beneath. <i>(image A)</i>	<b>£7.00</b>
RB-A84660	RVAN18	variable arc rotary sprinkler 4.0 - 5.5 metres radius; arc 45 degrees - 270 degrees. Body colour light brown above, black beneath <i>(image B)</i>	<b>£7.00</b>
RB-A84661	RVAN24	variable arc rotary sprinkler 5.2 - 7.3 metres radius; arc 45 degrees - 270 degrees. Body colour maroon above, black beneath <i>(image C)</i>	<b>£7.00</b>
<b>FULL-CIRCLE MODELS:</b>			
RB-A84664	RVAN14360	fixed arc rotary sprinkler 2.4 - 4.6 metres radius; arc 360 degrees full circle only. Body colour light blue throughout <i>(image D)</i>	<b>£7.00</b>
RB-A84665	RVAN18360	fixed arc rotary sprinkler 4.0 - 5.5 metres radius; arc 360 degrees full circle only. Body colour light brown throughout <i>(image E)</i>	<b>£7.00</b>
RB-A84666	RVAN24360	fixed arc rotary sprinkler 5.2 - 7.3 metres radius; arc 360 degrees full circle only. Body colour maroon throughout <i>(image F)</i>	<b>£7.00</b>
<b>STRIP MODELS (use these for long narrow strips):</b>			
RB-A84667	RVANLCS	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 <i>(image G)</i>	<b>£7.00</b>
RB-A84668	RVANRCS	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. <i>(image H)</i>	<b>£7.00</b>
RB-A84669	RVANSST	fixed arc rotary Side Strip Sprinkler 1.5 metres wide x 9.1 metres (4.55 metres to the left & 4.55 metres to the right). Body colour black throughout <i>(image I)</i>	<b>£7.00</b>



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## DRIP & SPRINKLERS

# R-VAN Rotary Nozzles

### 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.

Order code	Rain Bird Ref.	Description	Price
RB-A37441	RD 04 S P45 F	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 ( <i>image J</i> )	<b>£14.78</b>
RB-A16501A	PA8S	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 ( <i>image K</i> )	<b>£3.11</b>
RB-A82060	SPXFLEX30	Rain Bird SPX Flex tubing 30 m coil; cut this into approx. 30cm lengths and use it to join the pop-up body to your irrigation pipe ( <i>image L</i> )	<b>£41.68</b>
RB-A46010	SBE050	Rain Bird Spiral barbed 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 ( <i>image M</i> )	<b>£0.33</b>
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. Please note that this is not a Rain Bird product. *THIS IS A CODE B PRODUCT	<b>£5.95</b>



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## DRIP & SPRINKLERS

# Spray Heads & Nozzles

Spray heads are pop-up bodies, with ½" BSP threaded inlet connection, that require a nozzle screwed into them to make them work. They pop-up out of the turf and irrigate the area.

There are 2 components to make the sprinkler work:

### THE SPRAY BODY:

Options include:

- a. **Rain Bird Uni-Spray:** this is a cost-effective body for the residential market, only available with a 4" pop-up height. You can purchase these with HE-Van or Van nozzles pre-installed. *(image A)*
- b. **Rain Bird 1800 series:** commercial grade body with some great features, and pop-up height options of 2", 4", 6" and 12"; also with SAM (seal-a-matic) check valve option & pressure regulation option. Nozzles always sold separately. *(image B)*

### THE SPRAY NOZZLE:

**VAN** stands for "Variable Arc Nozzle".

Options include:

- a. **R-Van:** Rotary Van nozzles for distances up to 7.3 metres radius. These use very low volumes of water and act similarly to a gear-driven rotor. They have excellent uniformity and are my personal favourites for small lawn and garden irrigation. *(image C)*
- b. **HE-Van:** High efficiency variable arc nozzle for distances up to 4.6 metres radius. *(image D)*
- c. **VAN:** Easy to use. Distances up to 5.5 metres radius. *(image E)*
- d. **U-Series:** Dual-orifice spray nozzle that use 30% less water and provide great close-in coverage. For distances up to 4.6 metres radius. *(image F)*
- e. **MPR Nozzles:** Matched precipitation rate nozzles. These provide excellent uniformity even when using different sized nozzles. Distances up to 4.6 metres radius. *(image G)*



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## DRIP & SPRINKLERS

# Spray Heads & Nozzles

### Uni-Spray Bodies

The UNI-Spray™ is our budget priced spray body which accepts all Rain Bird nozzles, including MPR, VAN and U-Series, making it an excellent choice for watering standard and irregular-shaped turf and shrub areas in lawn & garden applications.

For added convenience, these reliable, compact spray heads can be shipped with or without pre-installed Variable Arc Nozzles (VANs) that are adjustable from 0° to full-circle operation, saving hours of installation time, effort, and

Order code	Rain Bird Ref.	Description	Price
RB-A37441	RD 04 S P45 F	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 ( <i>image H</i> )	<b>£14.78</b>
RB-A16501A	PA8S	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 ( <i>image I</i> )	<b>£3.11</b>
RB-A82060	SPXFLEX30	Rain Bird SPX Flex tubing 30 m coil; cut this into approx. 30cm lengths and use it to join the pop-up body to your irrigation pipe ( <i>image J</i> )	<b>£41.68</b>
RB-A46010	SBE050	Rain Bird Spiral barbed 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 ( <i>image K</i> )	<b>£0.33</b>
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. Please note that this is not a Rain Bird product. *THIS IS A CODE B PRODUCT	<b>£5.95</b>



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## DRIP & SPRINKLERS

# 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.

Order code	Rain Bird Ref.	Description	Price
RB-P10004	4VAN	Adjustable arc spray nozzle throwing 0.9 to 1.2 metres radius. Colour Code YELLOW ( <i>image A</i> )	£2.15
RB-P10006	6 VAN	Adjustable arc spray nozzle throwing 1.2 to 1.8 metres radius. Colour Code ORANGE ( <i>image B</i> )	£2.15
RB-P10008	8VAN	Adjustable arc spray nozzle throwing 1.8 to 2.4 metres radius. Colour Code GREEN ( <i>image C</i> )	£2.15
RB-P1001001	10VAN	Adjustable arc spray nozzle throwing 2.1 to 3.1 metres radius. Colour Code BLUE ( <i>image D</i> )	£2.15
RB-P1001201	12VAN	Adjustable arc spray nozzle throwing 2.7 to 3.7 metres radius. Colour Code BROWN ( <i>image E</i> )	£2.15
RB-P1001501	15VAN	Adjustable arc spray nozzle throwing 3.4 to 4.6 metres radius. Colour Code BLACK ( <i>image F</i> )	£2.15
RB-P10018	18VAN	Adjustable arc spray nozzle throwing 4.3 to 5.5 metres radius. Colour LIGHT BROWN ( <i>image G</i> )	£2.15



## Rain Bird HE-VAN - High Efficiency Variable Arc Nozzles

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.

Order code	Rain Bird Ref.	Description	Price
RB-HE0801	HEVAN08	Adjustable arc spray nozzle throwing 1.5 to 2.4 metres radius. Colour Code GREEN ( <i>image H</i> )	£2.16
RB-HE1001	HEVAN10	Adjustable arc spray nozzle throwing 2.1 to 3.1 metres radius. Colour Code BLUE ( <i>image J</i> )	£2.16
RB-HE1201	HEVAN12	Adjustable arc spray nozzle throwing 2.7 to 3.7 metres radius. Colour Code BROWN ( <i>image K</i> )	£2.16
RB-HE1501	HEVAN15	Adjustable arc spray nozzle throwing 3.4 to 4.6 metres radius. Colour Code BLACK ( <i>image L</i> )	£2.16



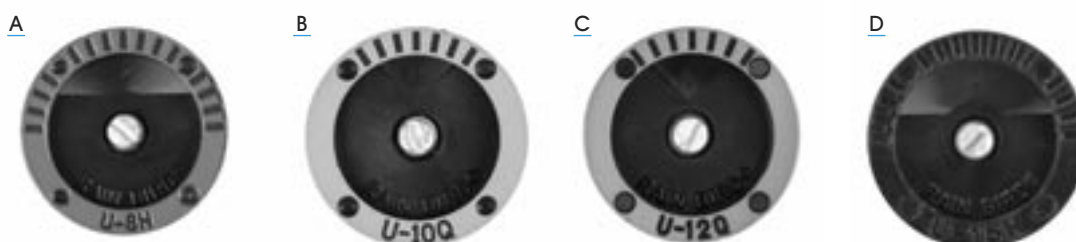


## DRIP & SPRINKLERS

# U-Series Spray Nozzles

The patented U-Series nozzle is the first plastic nozzle with a second orifice for close-in watering and more uniform water distribution. Its unique design uses 30% less water than conventional spray nozzles by making the coverage more uniform. U-Series Nozzles shorten run times, save money and water, and reduce waste.

Order code	Rain Bird Ref.	Description	Price
RB-U10320	U8F	U-8 Series full-circle spray throwing 1.7 to 2.4 metres radius. Colour GREEN ( <i>image A</i> )	£3.77
RB-U10310	U8H	U-8 Series ½ Circle Spray throwing 1.7 to 2.4 metres radius. Colour GREEN	£3.77
RB-U10315	U8Q	U-8 Series ¼ Circle Spray throwing 1.7 to 2.4 metres radius. Colour GREEN	£3.77
RB-U10220	U10F	U-10 Series Full-circle Spray nozzle throw 2.1 to 3.1 metres radius. Colour BLUE ( <i>image B</i> )	£3.77
RB-U10210	U10H	U-10 Series ½ circle Spray nozzle throw 2.1 to 3.1 metres radius. Colour BLUE	£3.77
RB-U10215	U10Q	U-10 Series ¼ circle Spray nozzle throw 2.1 to 3.1 metres radius. Colour BLUE	£3.77
RB-U10120	U12F	U-12 Series Full-circle Spray nozzle throw 2.7 to 3.7 metres radius. Colour BROWN ( <i>image C</i> )	£3.77
RB-U10110	U12H	U-12 Series ½ circle Spray nozzle throw 2.7 to 3.7 metres radius. Colour BROWN	£3.77
RB-U10115	U12Q	U-12 Series ¼ circle Spray nozzle throw 2.7 to 3.7 metres radius. Colour BROWN	£3.77
RB-U10020	U15F	U-15 Series Full-Circle Spray nozzle throw 3.4 to 4.6 metres radius. Colour BLACK ( <i>image D</i> )	£3.77
RB-U10010	U15H	U-15 Series ½ Circle Spray nozzle throw 3.4 to 4.6 metres radius. Colour BLACK	£3.77
RB-U10015	U15Q	U-15 Series ¼ Circle Spray nozzle throw 3.4 to 4.6 metres radius. Colour BLACK	£3.77



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## DRIP & SPRINKLERS

# Rain Bird Bubblers

### 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.



Order code	Rain Bird Ref.	Description	Price
RB-A16110MX	1401	1401 Bubbler 1.2 litres per minute (72 litres per hour), full circle, trickle pattern	£11.36
RB-A16120MX	1402	1402 Bubbler 1.8 litres per minute (108 litres per hour), full circle, trickle pattern	£11.36
RB-A16130MX	1404	1404 Bubbler 3.6 litres per minute (216 litres per hour), full circle, trickle pattern	£11.36
RB-A16140MX	1408	1408 Bubbler 7.2 litres per minute (430 litres per hour), full circle, trickle pattern	£11.36

### 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 ½" 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.



Order code	Rain Bird Ref.	Description	Price
RB-X73005	PCT05	PCT05 emitter, light brown. 19 litres per hour flow rate, 0.7 to 3.5 bar pressure	£3.02
RB-X73007	PCT07	PCT07 emitter, violet. 26 litres per hour flow rate, 0.7 to 3.5 bar pressure	£3.02
RB-X73010	PCT10	PCT10 emitter, green. 38 litres per hour flow rate, 0.7 to 3.5 bar pressure	£3.02

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## DRIP & SPRINKLERS

# Maxi-Paw Pop-up Impact Sprinkler

Rain Bird Pop-up Impact sprinkler for throws 6-13 metres radius

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).

Order code	Description	Price
RB-B0690008	MAXI-PAW Full / part circle pop-up impact sprinkler, comes with No.8 nozzle pre-installed. Combination ½" or ¾" bottom inlet	<b>£45.18</b>
RB-20659206	Replacement standard nozzle No.6 Red	FOC
RB-20659207	Replacement standard nozzle No.7 Black	FOC
RB-20659208	Replacement standard nozzle No.8 Blue	FOC
RB-20659210	Replacement standard nozzle No.10 Yellow	FOC
RB-20659212	Replacement standard nozzle No.12 Beige	FOC
RB-11590207	Replacement low angle nozzle No.07 Black	FOC
RB-11590210	Replacement low angle nozzle No.10 Yellow	FOC



### MAXI-PAW Accessories:

Order code	Description	Price
RB-B41866	MAXI-PAW Sprinkler wrench; use the wrench to remove the sprinkler from the body ( <i>Image A</i> )	<b>£38.83</b>
IRR-SJ075300	Swing Joint ¾" BSP x 300mm long, 2 elbows each end *NOTE THIS IS A CODE B PRODUCT ( <i>Image B</i> )	<b>£6.90</b>

A



B



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## DRIP & SPRINKLERS

# 3500 Series Rotor

### Gear-driven Rotor for lawns 5-10 metres wide

The 3500 Series Rotor is an easy to use ½" gear-driven rotor, offering value and convenience for residential applications where you want your pop-up sprinkler to throw 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 (up to 360 degrees) 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.



### Rain Bird 3500 Series Rotor

Order code	Rain Bird Ref.	Description	Price
RB-Y34001	3504PC	pop-up sprinkler with 4" plastic riser; adjustable arc 40-360 degrees. ½" BSP female inlet. Complete with a rack of nozzles.	<b>£14.89</b>
RB-Y34500	3504PCSAM	pop-up sprinkler with 4" plastic riser; adjustable arc 40-360 degrees, 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.	<b>£22.40</b>



Order code	Rain Bird Ref.	Description	Price
RB-Y05100	ROTOR TOOL	Rain Bird rotor screwdriver. Use this to change the nozzles & adjust the arc of the sprinkler ( <i>image A</i> )	<b>£5.03</b>
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.	<b>£41.68</b>
RB-A46010	SBE050	Spiral barb fitting: ½" male x barb elbow; use this with the SPFLEX30 tube to create your swing joint. This can be used to enter the base of the 3504 rotor. ( <i>image B</i> )	<b>£0.33</b>



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## DRIP & SPRINKLERS

# 5000 Series Rotor

### Perfect for golf tees and lawns 10-15m wide

The 5000 Series rotor is the perfect pop-up rotor for irrigating large lawns and golf tees at an economic price. With throws from 10 to 14 metres radius (20 - 26 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); 4", 6" and 12". For golf tees up to 14 metres wide (and any length) this sprinkler is perfect. We sell hundreds each year for tees across the UK. If you have a lawn 20 metres wide then we suggest you install the 5004 rotor 10 metres apart in grid form. This will provide excellent coverage.



### 5004 Series Rotors: 4" pop-up height

Order code	Rain Bird Ref.	Description	Price
RB-Y5410730MX	5004PC30	5004: 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.	£16.34
RB-Y55007	5004PCSAM	5004: 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).	£19.47
RB-Y74007	5004PCR	5004PCR 5004: 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.	£22.70
RB-Y4510030	5004+PC30	5004+:PC & revers. FC model (40-360°).3.0 Nozzle . 5 nozzle trees included	£20.12
RB-Y45010	5004+FC	5004: Full circle rotor with shut-off. Note that this sprinkler can only ever do full circle. It cannot be changed to do part-circle.	£20.12
RB-Y45650	5004+PCSAM	5004: Part Circle (40-360 degrees) with shut-off & SAM check valve	£26.04
RB-Y65750SS	5004+PCSAMRSS	This is the "all bells & whistles" model which we recommend for golf tees & projects needing the best quality rotor: 5004 with shut-off, part circle (40-360°), SAM check valve, pressure regulation and a stainless sheathed 4" riser. Regulated to 2.5 bar pressure.	£34.61

### 5006 Rotors: 6" Pop-up height

Order code	Rain Bird Ref.	Description	Price
RB-Y45850	5006+PCSAM	5006: 6" riser height pop-up rotor: Part circle (40-360°) and reversing full circle. Complete with SAM check valve	£59.80
RB-Y65950SS	5006+PCSAMRSS	5006: 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.	£78.07

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# DRIP & SPRINKLERS

## 5000 Series

### 5012 Rotors: 12" Pop-up height

Order code	Rain Bird Ref.	Description	Price
RB-Y66050	5012+PCSAMR	5012: 12" 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.	<b>£70.63</b>



### Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-Y04500	5000 Plus TREE	5000 Nozzle tree (8 standard angle + 4 low angle nozzles). You get a nozzle tree with your rotor but you can order then separately too. <i>(Image A)</i>	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. <i>(Image B)</i>	<b>£5.03</b>
RB-170452	5000PL SAM Kit	5000 Plus SAM (non-return valve) Kit; use if your 5000 series rotor doesn't have a non-return valve & you'd like one.	<b>£9.91</b>
IRR-SJ075300		¾" swing joint constructed of a ¾" PVC threaded riser (300mm long) and 2 elbows each end. This is a proper ¾" swing joint compared with many on the market which are ½" tubes with ¾" 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 the elbows do not contain o-rings and you will need thread tape. *NOTE THIS IS A CODE B PRODUCT	<b>£6.60</b>
RB-A82060	SPX FLEX30	SPX Flex tubing; roll of 30 metres. Cut this is whatever length you prefer to use as a flexible swing joint below the sprinkler.	<b>£41.68</b>
RB-A46011	SBE075	Spiral barbed fitting c/w ¾" BSP male threaded elbow. Screw this into the 5000 series rotor to connect the SPX Flex tubing.	<b>£0.33</b>

A



B



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## DRIP & SPRINKLERS

# 5000 Series

### Making Sense of the 5000 series Codes

There are lots of codes etc on these rotors. Making sense of them is half the battle in choosing the sprinkler you want. Use this list to understand what each rotor has:

<b>5004</b>	The last number 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.
<b>PC</b>	This means "Part Circle", so the sprinkler can be adjusted to irrigate only an angle of the area.
<b>SAM</b>	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).
<b>PR</b>	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.
<b>+</b>	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.
<b>PCR</b>	Part circle with pressure regulator
<b>FC</b>	Full circle only; you cannot adjust it to any other angle of throw.
<b>PCSAM</b>	Part circle with check valve
<b>PCSAMRSS</b>	Part circle, check valve, pressure regulation and stainless riser!

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## DRIP & SPRINKLERS

# MPR Nozzles for 5000 Series Rotors

### **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  $\frac{1}{4}$  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  $\frac{1}{4}$  circle rotor is covering only a quarter of the area that the full circle sprinkler is irrigating... so the lawn around the  $\frac{1}{4}$  circle sprinkler will receive 4 times as much water as the lawn around the full circle sprinkler. Similarly, a  $\frac{1}{2}$  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  $\frac{1}{4}$  circle sprinklers on a separate solenoid station, and then have that valve operate for a quarter of the time, and likewise for the  $\frac{1}{2}$  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  $\frac{1}{4}$  circle sprinkler uses a quarter of the flow rate of the full circle sprinkler, and likewise with the  $\frac{1}{2}$  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.



Nozzles at 2.4 bar pressure			
5000-MPR 25 (red nozzles)			
Arc	Radius	Flow rate	Precipitation Rate
$\frac{1}{4}$ circle	7.3 metres	3.6 litres per minute	14.9 mm per hour
$\frac{1}{2}$ 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
$\frac{1}{4}$ circle	9.1 metres	4.8 litres per minute	13.4 mm per hour
$\frac{1}{2}$ 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
$\frac{1}{4}$ circle	10.4 metres	6.6 litres per minute	14.1 mm per hour
$\frac{1}{2}$ 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

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## DRIP & SPRINKLERS

# Falcon 6504 Pop-up Rotor

The perfect choice pop-up sprinkler for throws up to 19 metres wide; large lawns, municipal sports pitches and an economic choice for small golf greens

The Falcon 6504 gear driven pop-up sprinkler is an iconic Rainbird rotor that has been working hard for decades. It has a 1" BSP inlet and a range of nozzles. It's well known in the industry for its heavy-duty construction. It comes with a plastic or a stainless-steel encased riser option (the part that pops out of the ground), and in full circle or adjustable arc options; all with a 4" riser height. All models include a non-return check valve to prevent them from losing water after the system has turned off. This prevents puddling around the sprinkler.



If you're seeking a sprinkler to irrigate your large lawns or small golf greens (up to 19 metres wide) and don't want it to break the bank then look no further. The Rain Bird Falcon is a sport turf sprinkler (compared with golf rotors which are designed to be easily seen when resting) so has a small surface area. This means it will happily hide amongst the turf when it's not operating, which in a landscape situation is what we want!



### Falcon Models

Order code	Rain Bird Ref.	Description	Price
RB-B65301	FALCON PC	Falcon 6504 Adjustable arc model c/w plastic riser. 1" BSP inlet, 4" pop-up height. This is good economy pop-up sprinkler where you can adjust the arc of throw from 40° to 360°.	£79.44
RB-B65801	FALCONPCSS	Falcon 6504 Adjustable arc model c/w stainless riser. 1" BSP inlet, 4" pop-up height. This is good economy pop-up sprinkler where you can adjust the arc of throw from 40° to 360°.	£99.52
RB-B65311	FALCONFC	Falcon 6504 Full Circle model c/w plastic riser. Beware, this sprinkler will only do a full circle and cannot have its arc altered. 1" BSP inlet, 4" pop-up height	£79.44
RB-B65811	FALCONFCSS	Falcon 6504 Full Circle model c/w stainless riser. Beware, this sprinkler will only do a full circle and cannot have its arc altered. 1" BSP inlet, 4" pop-up height	£99.52

### Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-JB000022	SJ 12 100 22	Rain Bird o-ring swing joint PVC, 12" long x 1" BSP each end; 1 inlet elbow, 2 outlet elbows	£41.79
RB-JB200022	SJ 12 100 22E	Rain Bird o-ring swing joint PVC, 12" long x 1" BSP each end; 2 elbows each end	£44.72
RB-Y05100	ROTOR TOOL	Rain Bird Rotor tool. This is a screwdriver with a special end so you can use it to lift the sprinkler, change the nozzle and adjust the arc ( <i>image A</i> )	£5.03
RB-B81610	RAINNOZLOW	FALCON 6504 Nozzle Pack: No.04 Black, No.06 Light Blue, No.08 Green ( <i>image B</i> )	Free
RB-B81620	RAINNOZSTD	FALCON 6504 Nozzle Pack: No.10 Grey, No.12 Light brown, No.14 light green, No.16 brown, No.18 dark blue	Free
RB-232693S	HOLDUPTOOL	Rotor Hold-up tool with levelling bubble. Use this handy tool when changing nozzles ( <i>image C</i> )	£12.11

A



B



C







## DRIP & SPRINKLERS

# 8005 Series Pop-up Rotor

A world-renowned pop-up sprinkler with a taller pop-height for Sports Pitches infields, economy golf green systems and large lawns up to 22.6 metres wide.

The 8005 Series rotor is the go-to sprinkler for sports pitches through the world. This sprinkler can be seen operating in the centre of some of the most prestigious football pitches on the planet! With throws from 12 to nearly 25 metres radius, this sprinkler is a true work horse for large turf irrigation tasks. Its pop-up height is 5" (125mm) so it is taller to miss longer turf such as in playing fields. It is equally as happy irrigating a golf green. If you want it to disappear completely in your football pitch then install a turf-cup on its top.

There are only 2 models to choose from; plastic riser or stainless riser. The latter will give the riser (the bit that pops out of the ground) better life in sandy conditions, such as when you frequently top-dress with sand.



### 8005 Rotor Models

Order code	Rain Bird Ref.	Description	Price
RB-B8120018	8005	Rainbird 8005 Pop-up rotor complete with 5" (125mm) plastic riser and 1" BSP female inlet	£115.35
RB-B8140018	8005SS	Rainbird 8005 Pop-up rotor complete with 5" (125mm) Stainless steel riser and 1" BSP female inlet	£145.40

### Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-JB000022	SJ 12 100 22	Rain Bird o-ring swing joint PVC, 12" long x 1" BSP each end; 1 inlet elbow, 2 outlet elbows	£41.79
RB-JB200022	SJ 12 100 22E	Rain Bird o-ring swing joint PVC, 12" long x 1" BSP each end; 2 elbows each end	£44.72
RB-B80000	SOD CUP	Rain Bird Sod cup for 8005 sprinkler, used in sports pitches to hide the sprinkler in the pitch	£79.23
RB-Y05100	ROTOR TOOL	Rain Bird Rotor tool. This is a screwdriver with a special end so you can use it to lift the sprinkler, change the nozzle and adjust the arc (image A)	£5.03
RB-232693S	HOLDUPTOOL	Rotor Hold-up tool with levelling bubble. Use this handy tool when changing nozzles (image B)	£12.11
RB-B81610	RAINNOZLOW	8005 Nozzle Pack: No.04 Black, No.06 Light Blue, No.08 Green	Free
RB-81620	RAINNOZSTD	8005 Nozzle Pack: No.10 Grey, No.12 Light brown, No.14 light green, No.16 brown, No.18 dark blue	Free
RB-81630	RAINNOZHI	8005 Nozzle Pack: No.20 Red, No.22 Yellow, No.24 Orange, No.26 White	Free

A



B



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## DRIP & SPRINKLERS

# 552B Block Rotor

### Golf Tees Part-Circle block sprinkler 10-16 metres radius

The Rainbird Eagle 552B part and full circle BLOCK sprinkler is the smallest of the Rain Bird Golf rotors and is designed for golf tees and very small greens. With throws between 9.8 and 16.8 metres radius it is perfect for many golf applications. This sprinkler, like its big brothers the 751/752, can be converted from part-circle to full-circle with the flick of a screwdriver. The "B" for Block means that this sprinkler does not include an in-built solenoid valve like its "E" brother, and as such is designed to operate with an external solenoid valve.

The 552 supersedes the 551, the main difference being that the 552 has a variable stator so you don't need to change the stator whenever you change the nozzle.

### 552B Block Rotor:

Order code	Description	Price
RB-GRB112052	RAIN BIRD 552B Pop-up rotor c/w 1" ACME inlet, factory set with No.52 beige nozzle	<b>£137.28</b>



### Useful Accessories

Order code	Description	Price
RB-JB010023	Swing joint 1" BSP x 1" ACME, 12" long. Use this swing joint if you are installing these sprinklers into a new system or need new swing joints when replacing the sprinklers	<b>£44.33</b>
RB-21337101	Adaptor bush 1" BSP x 1" ACME; Use this to connect onto a standard 1" BSP swing joint if you are retrofitting this sprinkler into an older system	<b>£12.10</b>
RB-213500XX	500/550/552 Nozzle only (Specify Size) - XX: 51, 52, 53, 54	<b>£8.10</b>
RB-21040301	Replacement Stator & Screen Kit. This kit includes screen, stator, poppet, 4-hole stator and 8-hole stator. NOTE you will not need this for the 552 (it has a variable stator) but you will for older 551 & 550 models if you change the nozzle.	<b>£17.24</b>
RB-21192101	Snap ring that holds the internal assembly inside the body. This is the flat ring on the top of the rotor	<b>£18.79</b>
RB-212613	Sod Cup Kit. Use this if you want to hide the sprinkler under its own cup of turf. Great for tennis courts etc.	<b>£219.50</b>
RB-B41710	Valve Insertion Tool. A handy maintenance tool for removing & reinstating the lower valve inside the sprinkler	<b>£154.83</b>
IRR-NCC700	Stainless nozzle changing clamp for 500 & 700 series rotors (500, 550, 551, 552, 700, 702, 751, 752). Use this to hold the rotor's riser assembly in place while you remove the turret to change a nozzle. This is also very handy to keep the riser assembly off the grass when you're changing nozzles on-site. <i>*NOTE THIS IS A CODE B PRODUCT (image below)</i>	<b>£29.95</b>
RB-210470	Lower snap ring for 500 & 700 series rotors. This holds the check valve mechanism in the rotor and is positioned below the riser assembly inside the sprinkler	<b>£9.95</b>
RB-D02236	Rotor snap-ring pliers. Another handy tool. For removing the lower snap ring that is deep inside the sprinkler	<b>£109.67</b>





## DRIP & SPRINKLERS

# 752E Low Throw Rotor

### Golf Tees Electric Valve-in-head sprinkler 6-16 metres radius for tees.

The Rainbird Eagle 752E Low throw rotor is an electric valve-in-head sprinkler, meaning it comes complete with an internal 24vac solenoid valve. Each rotor is designed to operate on its own, so if you have 10 of these on your tee block then you can control each one individually from the irrigation controller. The nozzle range for the Low Throw 752E includes nozzle numbers #18-#26 (Beige, grey, red, plum & light green).

Order code	Description	Price
RB-GRC162722	LOW THROW MODEL Rain Bird 752 Electrical (4,8 Bar), full & part circle Rotor 1½" ACME rotor w/ new GBS25 Solenoid - Standard nozzle: No.40 orange	£508.31



### Useful Accessories

Order code	Description	Price
RB-JE010023	Swing joint 1" BSP x 1½" ACME, 12" long, extra inlet elbow. Use this swing joint if you are starting from scratch, because it comes with a 1½" ACME thread at the top.	£57.37
RB-V02626A	Adaptor bush 1" BSP x 1.25" ACME; Use this to connect onto an existing standard 1" BSP swing joint.	£12.29
RB-213751XX	RB 751/752 Nozzle only (Specify Size) - XX: 18, 20, 22, 24, 26; these are the smaller of primary nozzles for the Low Throw model	£8.10
RB-215760	Rain Bird 752 - Replacement Nozzle housing	£41.91
RB-21575240	RB 752 Internal Assembly - w/ nozzle No.40; use this if you want to replace the internal assembly in an existing Rain Bird rotor	£214.26
RB-D02236	Eagle Rotor snap-ring pliers - use these to remove the snap ring that holds the check valve in place	£109.67
RB-B41710	Eagle rotor valve insertion tool -use this to remove/reinstall the check valve at the bottom (inside) of the rotor body	£154.8
RB-B41720	Eagle Selector service tool/key - for manually turning a rotor on/off/ back to auto	£23.90
RB-D02237	Installation Socket for TSRS (White) for all Top- Serviceable Rock Screens & Replaceable Valve Seats	£28.38

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## DRIP & SPRINKLERS

# 752B Golf Greens Block Rotor

Golf greens block sprinkler up to 25 metres radius for medium sized greens. Requires an external solenoid valve.

The Rainbird 752B is a block Golf rotor, meaning it does not have an internal solenoid valve (compared with the 752E). Therefore, it is designed to operate with a solenoid valve at the back of the green that might operate 2 or more sprinklers at once. It is designed for medium sized golf greens, with its large flat surface so it's easy to find. It can be altered from part-circle (irrigating the green) to full circle (irrigating the surrounds too) and back again with a flick of a screwdriver. With throws from 6 to 25.6 metres radius it is one of the most popular greens sprinklers in the world, and for justifiable reasons.



Order code	Description	Price
RB-GRC112040	Eagle 752B Pop-up rotor c/w 1" ACME inlet, factory set with No.40 orange nozzle	<b>£244.96</b>

### Useful Accessories

Order code	Description	Price
RB-JB010023	Swing joint 1" BSP x 1" ACME, 12" long, c/w 2 elbows each end. Use this if you are installing these sprinklers into a new system or need new swing joints when replacing the sprinklers.	<b>£44.33</b>
RB-21337101	Adaptor bush 1" BSP x 1" ACME; Use this to connect onto a standard 1" BSP swing joint if you are retrofitting this sprinkler into an older system.	<b>£12.10</b>
RB-211562	700/751 Mid-range spreader (blue) nozzle. This is a rear jet.	<b>£4.75</b>
RB-211417	700/751 Mid-range spreader (black) nozzle. This is a rear jet.	<b>£4.75</b>
RB-211452	700/751 Spreader nozzle mid-range (black) with diffuser. Rear jet.	<b>£6.34</b>
RB-213880XX	751 Low angle nozzle kit with nozzle housing, nozzle and stator; size 20, 22, 28, 32, 36, 40, 44, 48.	<b>£22.28</b>
RB-213750XX	RB 750/751 Nozzle only (Specify Size) - XX: 28, 32, 36, 40, 44, 48	<b>£8.10</b>
RB-21192101	Snap ring that holds the internal assembly inside the body. This is the flat ring on the top of the rotor	<b>£18.79</b>
RB-D02236	Eagle Rotor snap-ring pliers. Use these to remove the snap rings. A handy tool.	<b>£109.67</b>
RB-B41710	Eagle rotor valve insertion tool. Another handy maintenance tool.	<b>£154.83</b>
IRR-NCC700	Stainless nozzle changing clamp for 500 & 700 series rotors (500, 550, 551, 552, 700, 702, 751, 752). Use this to hold the rotor's riser assembly in place while you remove the turret to change a nozzle. This is also very handy to keep the riser assembly off the grass when you're changing nozzles on-site. <i>(image below)</i> <small>*NOTE THIS IS A CODE B PRODUCT</small>	<b>£29.95</b>







# DRIP & SPRINKLERS

## 752E Golf Rotor

### Golf greens Electric Valve-in-head sprinkler 15-25 metres radius for all sized greens, and for sports pitch perimeters

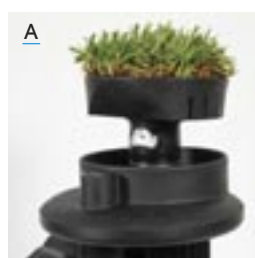
The Rainbird Eagle 752E is an electric valve-in-head sprinkler, meaning it comes complete with an internal 24vac solenoid valve. It is designed to operate on its own, so if you have 5 of these on your green then you can control each one individually from the irrigation controller. It will fit all sized greens, tees and sports pitch perimeters, with a huge nozzle range so it can do from 15 metres radius, or right up to an impressive 25.6 metre radius! It has a large flat surface so it's easy to find. The is the newest Rain Bird Eagle rotor to hit the market and it will undoubtedly challenge all other golf & sports rotors. Please note that there are 2 models: the STANDARD MODEL uses nozzle numbers 28-50, while if you want smaller throws then please select the LOW THROW MODEL which uses nozzle numbers 18-26. The difference is in the check valve at the base of the rotor; the Low Throw model requires a different check valve which is expensive to buy on its own, so choose whether you want to use the rotor for greens etc (Standard model) or tees (Low Throw model).



Order code	Description	Price
RB-GRC162740	STANDARD THROW MODEL Rain Bird 752 Electric valve-in head rotor (regulated to 4.8 Bar), full & part circle 1¼"ACME inlet c/w new GBS25 Solenoid - Standard nozzle pre-installed: No.40 orange. This is our best-selling greens rotor	<b>£508.31</b>

### Useful Accessories

Order code	Description	Price
RB-JE010023	Swing joint 1" BSP x 1¼" ACME, 12" long, extra inlet elbow. Use this swing joint if you are starting from scratch, because it comes with a 1¼" ACME thread at the top.	<b>£57.37</b>
RB-V02626A	Adaptor bush 1" BSP x 1¼" ACME; Use this to connect onto an existing standard 1" BSP swing joint.	<b>£12.29</b>
RB-213750XX	RB 750/751/752 Nozzle only (Specify Size) - XX: 28, 32, 36, 40, 44, 48, 50; these are the larger range of primary nozzles for the Standard Throw model	<b>£8.10</b>
RB-212613	Sod cup kit for 500 & 700 series rotors ( <i>image A</i> )	<b>£219.50</b>
RB-215760	Rain Bird 752 - Replacement Nozzle housing	<b>£41.91</b>
RB-21575240	RB 752E Internal Assembly - w/ nozzle No.40; use this if you want to replace the internal assembly in an existing Rain Bird rotor	<b>£214.26</b>
RB-213462C	Solenoid kit for Golf Rotor Assemblies (GBS25, filter, o-ring) ( <i>Image B</i> )	<b>£46.21</b>
RB-21192101	Snap ring that holds the internal assembly inside the body. This is the flat ring on the top of the rotor	<b>£18.79</b>
RB-D02236	Eagle Rotor snap-ring pliers - use these to remove the snap ring that holds the check valve in place	<b>£109.67</b>
RB-B41710	Eagle rotor valve insertion tool -use this to remove / reinstate the check valve at the bottom (inside) of the rotor body	<b>£154.83</b>
RB-B41720	Eagle Selector service tool / key - for manually turning a rotor on/off/ back to auto	<b>£23.90</b>
RB-D02237	Installation Socket for TSRS (White) for all Top- Serviceable Rock Screens & Replaceable Valve Seats	<b>£28.38</b>





## DRIP & SPRINKLERS

# 702B

### 'B' for Block Sprinkler

#### Full Circle golf rotor for approaches and fairways

The Rainbird Eagle 702B is a block rotor, meaning it does not have an internal solenoid valve (compared with the 702E). It is designed to operate with an external solenoid valve that might operate 2 or more sprinklers at once. The 702B (and 702E) is a full circle sprinkler and cannot be adjusted. While some golf courses use these on their greens (thus irrigating their surrounds too with no separate control), the 702B is designed for medium width fairways and for approaches. It can be a great pop-up sprinkler for large parkland areas, where the flat plate-style top is easy to find for servicing etc. Radius 17 - 23.5 metres (diameter 34 - 47m).



Order code	Description	Price
RB-GRC012040	Eagle 702B Pop-up rotor c/w 1" ACME inlet, factory set with No.40 Orange nozzle.	<b>£221.97</b>

#### Quick Specs:

Radius Range:	18-23.5 metres
Pressure Range:	4-6.9 Bar
Base Connection:	1" ACME

#### Useful Accessories

Order code	Description	Price
RB-JB010023	Swing joint 1" BSP x 1" ACME, 12" long, 2 elbows each end. If you need a new swing joint then use this one; it comes complete with an ACME elbow for the sprinkler to screw directly into.	<b>£44.33</b>
RB-21337101	Adaptor bush 1" BSP x 1" ACME; Use this if you're installing the rotor onto an existing standard 1" BSP swing joint.	<b>£12.10</b>
RB-213700XX	Eagle 702 series nozzle; select nozzle number: 28, 32, 36, 40, 44, 48. The rotor will come with a No.40 ORANGE nozzle pre-installed, but if you want a different nozzle then purchase one of these.	<b>£8.10</b>
RB-211562	702/752 Mid-range spreader (blue) nozzle. This is installed into the rear of the rotor as a back jet.	<b>£4.75</b>
RB-213701	702/752 Mid-range spreader (GREEN) nozzle. This is installed into the rear of the rotor as a back jet.	<b>£4.75</b>
RB-211452	702/752 Spreader nozzle mid-range (black) with diffuser. Also installed as a back jet.	<b>£6.34</b>
RB-212933XXWT	Wind Tolerant kit for Rain Bird 702 - Size (XX): 16, 18, 22. This kit includes housing-housing cap/stator/screws/o-rings/nozzle/flow channel. This nozzle assembly has better ability to cut into the wind if windy conditions prevail.	<b>£71.22</b>
RB-21570240	Eagle 702 internal assembly. c/w No.40 nozzle. Use this if you want to change out the internals of an existing sprinkler.	<b>£201.16</b>
RB-D02236	Eagle Rotor snap-ring pliers. This a very handy tool for maintenance. Use it to remove the lower snap ring that holds the rock filter in place.	<b>£109.67</b>
RB-B41710	Eagle rotor valve insertion tool. Another handy maintenance tool if you need to remove and re-install the lower check valve.	<b>£154.83</b>

\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytaylor.com](http://www.rigbytaylor.com) and insert the product **Order Code** (left hand column) into the "Enter your search item" box at the top of the Home page.



## DRIP & SPRINKLERS

# 702E Full Circle Golf Rotor

Full Circle Golf fairways sprinkler complete with internal solenoid valve, throwing 18 to 23 metres radius for fairways and approaches.

The Rainbird Eagle 702E is an electric valve-in-head sprinkler, meaning it comes complete with an internal 24vac solenoid valve. Therefore it is designed to operate on its own so you can control each one individually from the irrigation controller (they are often controlled in pairs). The 702 is a full circle sprinkler only, so it is great for golf fairways & approaches where you don't ever want to make it into a part-circle sprinkler. This is the perfect sprinkler to throw 18 to 23 metres radius. It has a large flat surface so it's easy to find. This is the newest Rain Bird Eagle rotor to hit the market and it will undoubtedly challenge all other golf rotors. This sprinkler has a 1¼" ACME female inlet thread.



Order code	Description	Price
RB-GRC062740	Rain Bird Rotor 702E Electrical (4.8 Bar), full circle 1¼" ACME rotor w/ new GBS25 Solenoid - Standard nozzle: 40 orange	<b>£432.01</b>

## Useful Accessories

Order code	Description	Price
RB-JE010023	Swing joint 1" BSP x 1¼" ACME, 12" long, extra inlet elbow. Use this swing joint if you are starting from scratch, because it comes with a 1¼" ACME thread at the top	<b>£54.12</b>
RB-V02626A	Adaptor bush 1" BSP x 1¼" ACME; Use this to connect onto an existing standard 1" BSP swing joint	<b>£12.29</b>
RB-211562	Mid-range spreader (blue) nozzle. This is the rear jet if you want one	<b>£4.75</b>
RB-213701	RB 702/752 Spreader Nozzle - Mid-range (Green)	<b>£4.75</b>
RB-211452	700/751 Spreader nozzle mid-range (black) with diffuser. As above but with a diffuser	<b>£6.34</b>
RB-213700XX	RB 700/702 Nozzle only (Specify Size) - XX: 28, 32, 36, 40, 44, 48	<b>£8.10</b>
RB-215710	702 Replacement Nozzle housing- this is the turret at the top of the rotor	<b>£41.91</b>
RB-21570240	702 replacement Internal Assembly - w/ nozzle No.40	<b>£193.42</b>
RB-D02236	Rotor snap-ring pliers - use these to remove the snap ring that holds the check valve in place ( <i>Image A</i> )	<b>£109.67</b>
RB-B41710	Rotor valve insertion tool -use this to remove / reinstate the check valve at the bottom (inside) of the rotor body	<b>£154.83</b>
RB-B41720	Selector service tool / key - for manually turning a rotor on/off/ back to auto	<b>£23.90</b>
RB-D02237	Installation Socket for TSRS (White) for all Top- Serviceable Rock Screens & Replaceable Valve Seats	<b>£28.38</b>





## DRIP & SPRINKLERS

# Eagle 950E

Our largest Rainbird Part-Circle pop-up rotor, for Golf & Sports pitches, throwing an impressive 23 -28 metres radius (46-56m diameter)

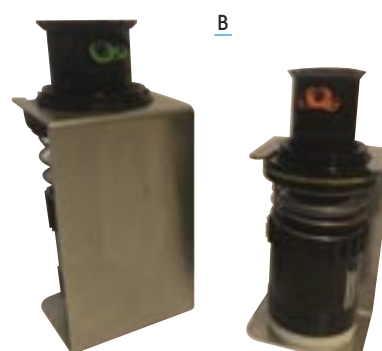
The Rainbird Eagle 950 Part-Circle pop-up rotor is designed for sports pitches, large part-circle fairways and very large greens, not to mention hundreds of bowling greens throughout the UK. It is busy operating in some of the most prestigious football pitches in the world as a perimeter sprinkler. With throws up to 28 metres radius (56 metres diameter) it is the power-horse of the sports pitch industry and is just as comfortable operating on extra-large golf greens too. But be careful; this sprinkler is very thirsty!



Order code	Description	Price
RB-GRE561828	Rain Bird EAGLE 950 Electrical (5.5 Bar) pop-up rotor, part circle 1½" ACME c/w green No.28 nozzle. 1.5" ACME inlet	£516.35

## Useful Accessories

Order code	Description	Price
RB-JH010023	Swing joint 30cm Long, 1½ " diameter BSP x Acme, 2 elbows each end.	£69.47
RB-21337103	Adaptor - 1½" BSP female inlet x 1½" ACME male outlet. Use this if you are retrofitting into an existing system that has 1½" BSP swing joints.	£13.31
RB-213950XX	Eagle 950 replacement nozzle (specify size) 18, 20, 22, 24, 26, 28, 30, 32.	£8.10
RB-212145	Diffuser screw kit for Eagle 950	£51.30
RB-211900	950 Eagle's tail	£42.34
RB-21144228	Eagle 950 replacement internal assembly fits into 950 E/H(S)/IC series cases, c/w No.28 nozzle.	£253.93
RB-D02203	Eagle 900/950 snap ring pliers. A very handy tool, used to remove the lower snap ring inside the body.	£128.42
RB-B41730	Valve insertion tool for Eagle 900/950. Another handy tool; use to remove and reinstate the lower valve inside the sprinkler's body	£159.3
RB-B99500	Artificial grass cover & case ring for Eagle 900/950 (Image A)	£256.55
IRR-NCC900	900 Series Stainless Steel Nozzle Changing Clamp; perfect tool for helping you change nozzles in the 950 series rotor. *NOTE THIS IS A CODE B PRODUCT (Image B)	£29.95







## DRIP & SPRINKLERS

# Eagle 900E Fairway Rotor

Our largest Rainbird Full Circle pop-up rotor, for golf fairways, throwing up to an impressive 29.6 metres radius

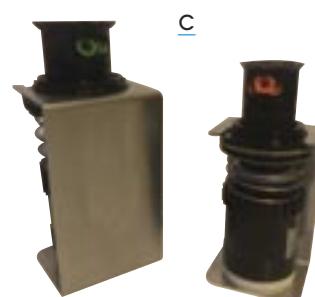
The Rainbird Eagle 900 Full-Circle pop-up rotor is designed primarily for Golf fairways. With throws up to just under 30 metres radius (60 metre diameter) it covers a massive area in one hit. The "E" means it is electric valve-in-head, so each sprinkler has its own in-built solenoid valve. This means it can be controlled independently. This is especially handy with the Eagle 900E because it is very thirsty!



Order code	Description	Price
RB-GRE061860	EAGLE™ 900 Electrical (5.5 Bar), full circle 1½" ACME rotor, c/w No.60 black nozzle.	£456.53

## Useful Accessories

Order code	Description	Price
RB-JH010023	Swing joint 30cm long, 1½" diameter BSP x ACME, 2 elbows each end.	£69.47
RB-21337103	PVC Adaptor - 1½" BSP female inlet x 1½" ACME male outlet. Use this if you are retrofitting into an existing system that has 1½" BSP swing joints.	£13.31
RB-213900XX	Eagle 900 replacement nozzle (specify size) 44, 48, 52, 56, 60, 64	£8.10
RB-213904	Eagle 900 Spreader nozzle only (rear jet), use with No.44 - 48 nozzles ( <i>Image A</i> )	£9.95
RB-213905	Eagle 900 Spreader nozzle only (rear jet), use with No.52 - 64 nozzles ( <i>Image B</i> )	£9.95
RB-21078660	Eagle 900 replacement internal assembly fits into 900 E/H(S)/IC series cases, c/w No.60 nozzle. Use this if you want to replace the internals of your existing sprinkler.	£197.93
RB-D02203	Eagle 900/950 snap ring pliers. A handy maintenance tool for removing the snap ring inside the sprinkler's body.	£128.42
RB-B41730	Valve insertion tool for Eagle 900/950. Another handy maintenance tool for removing & reinstating the internal valve inside the sprinkler's body.	£159.35
RB-B99500	Artificial grass cover & case ring for Eagle 900/950	£256.55
IRR-NCC900	900 Series Stainless Steel Nozzle Changing Clamp; perfect tool for helping you change nozzles in the 900 series rotor. ( <i>Image C</i> ) NOTE THIS IS A CODE B PRODUCT	£29.95





## DRIP & SPRINKLERS

# IC Golf Rotors

If you have an IC system then use these rotors, which come with the IC module pre-installed.

If you don't know whether your system is IC or decoder, chances are it is decoder. The IC system is technologically advanced and we are now quoting almost all new systems using IC, not decoder.

You can recognise an IC module on a rotor (this looks like a standard rotor solenoid coil in size and shape) because the wire pair is red and black (standard 24vac coil wires are both white).

Order code	Description	Price
RB-GRE061860	EAGLE™ 900 Electrical (5.5 Bar), full circle 1½" ACME rotor, c/w No.60 black nozzle.	<b>£456.53</b>



### Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-GRC042740	702ICNZ40	Rain Bird 702 ICM (4,8 Bar), full circle 1¼" ACME rotor, fitted with ICM module – c/w standard nozzle No.40 orange	<b>£679.12</b>
RB-GRC142722	752ICNZ22	Rain Bird 752 ICM (4,8 Bar), Low-Flow, full and part circle rotor 1¼" ACME rotor, fitted with ICM module - Standard nozzle: 22 red	<b>£715.01</b>
RB-GRC142740	752ICNZ40	Rain Bird 752 ICM (4,8 Bar), full and part circle rotor 1¼" ACME rotor, fitted with ICM module - Standard nozzle: 40 orange ( <i>Image A</i> )	<b>£715.01</b>
RB-J0010060IC	900ICNZ60	EAGLE900 ICM (5.5 Bar), full circle 1½" ACME rotor, w/TSRS, fitted with IC module - Standard nozzle: 60 black	<b>£719.94</b>
RB-J0045028IC	950ICNZ28	EAGLE950 ICM (5.5 Bar), full circle 1½" ACME rotor, w/TSRS, fitted with ICM - Standard nozzle: 28 green ( <i>Image B</i> )	<b>£742.67</b>

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## DRIP & SPRINKLERS

# XLR Series Impact Guns

**For synthetic sports pitches, dust suppression, equestrian damping-down and for throwing up to 60 metres radius!**

The Rain Bird XLR water Jets are known internationally as excellent products in the world of extra-large impact sprinklers. These are used extensively on water-based synthetic sports pitches such as hockey pitches, turf pitches such as football and rugby pitches, and anywhere you need an extra-wide wetted diameter. This also includes agricultural irrigation, where this giant of a sprinkler can be mounted on a large travelling irrigator.

For dust suppression it can be installed onto a post to cover a huge area to prevent dust. This can also include equestrian enclosures.

Operating pressures can range from 2 bar for the smaller nozzles to 7 bar if you need to stretch the distance and volume. Check out the specification sheet for more information; ask us if you can't load this from the internet.

There are 2 models to choose from:

- \* Fixed 24° trajectory with a 2" flanged inlet
- \* Adjustable trajectory (15-45°) with a 2" flanged inlet

There are also 5 different nozzles to choose from (sold separately) based on the throw, pressure and flow rate you have available.

It is imperative that this gun is mounted above the height of players' or animals' faces, because the impact from the water that blasts out of one of these cannons will literally knock someone off their feet and could cause serious injury. On the side of a sports pitch for example we recommend they are installed 2 metres above the ground to clear peoples' heads.



Order code	Rain Bird Ref.	Description	Price
RB-XLR24	XLR24	XLR 24° trajectory Water Jet - 2" flanged inlet comes as a 6-hole flange. Full & part circle in one unit (20° angle to full circle) so can be mounted on the side of any area. <i>(image A)</i>	<b>£1,467.32</b>
RB-XLRADJ	XLRADJ	XLR 15°-45° Adjustable trajectory Water Jet – 2" flanged inlet comes as a 6-hole flange. Full & part circle in one unit (20° angle to full circle) so can be mounted on the side of any area. <i>(image B)</i>	<b>£1,840.35</b>



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## DRIP & SPRINKLERS

# XLR Series Impact Guns

### Nozzles & Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-XLRNOZ47	XLRNOZ47	XLR Nozzle-12mm	£24.93
RB-XLRNOZ63	XLRNOZ63	XLR Nozzle-16mm	£24.93
RB-XLRNOZ79	XLRNOZ79	XLR Nozzle-20mm	£24.93
RB-XLRNOZ94	XLRNOZ94	XLR Nozzle-24mm	£24.93
RB-XLRNOZ110	XLRNOZ110	XLR Nozzle-28mm	£24.93
RB-XLRJETKIT	XLRJETKIT	XLR Jet Breaker Kit – use this to diffuse the jet as it exits the gun. Great for closer-in coverage.	£121.21
RB-XLRADAPT2	XLRADAPT2	2" Female BSP adapter for Mounting onto a 2" male riser pipe	£76.56
RB-B34093	200PEB	200PEB globe/angle solenoid valve constructed of glass-reinforced nylon, 2" BSP female, 24VAC. For flow rates up to 45m <sup>3</sup> /hour (750 lpm) <i>(image A)</i>	£197.98
RB-B38213	300BPES	300BPES 3" BSP female threaded BRASS solenoid valve w/ flow control & scrubber, 24VAC. Rated to 13.8 bar pressure. For flow rates up to 68 m <sup>3</sup> /hour (1130 lpm) <i>(image B)</i>	£1,600.06



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## DRIP & SPRINKLERS

# Tools & Accessories

### Rain Bird Tools & Accessories

If you need to do any maintenance on a Rain Bird sprinkler then you will find the tools listed below will make your life a whole lot easier.

#### Garden Drip & Microjet Tools

Order code	Rain Bird Ref.	Description	Price
RB-X36380	FITINSTOOL	XF Fittings insertion tool. Use this handy tool to insert the elbows, tees etc into the dripline tube without killing your hands. <i>(image A)</i>	<b>£4.08</b>
RB-X82100	PPC200X	Tubing cutter. Use this to cut thin-walled irrigation tubing & dripline tube. Not suitable for thicker walled PE pipe <i>(image B)</i>	<b>£38.11</b>
RB-X80100	XMTOOL	Emitter insertion tool. Use this handy tool to punch holes into your landscape irrigation thin-walled tube to insert your drippers and microjets. It can also be used to remove a dripper or emitter, and to insert a goof plug to fill the resultant holes <i>(image C)</i>	<b>£4.58</b>



#### Landscape & Sports Tools

Order code	Rain Bird Ref.	Description	Price
RB-Y05100	ROTORTOOL	Rain Bird Rotor Screwdriver. Use this to lift & adjust the smaller landscape pop up sprinklers, insert nozzles & adjust the arc. Also useful as a screwdriver for connecting the cables into a controller <i>(image D)</i>	<b>£5.03</b>
RB-232693S	HOLDUPTOOL	Hold-up tool. Use this to hold a 5000 series, 8005 or Falcon rotor up when installing a new nozzle into the sprinkler. This tool includes a bubble level to help you install the sprinkler vertically <i>(image E)</i>	<b>£12.11</b>



#### Landscape & Sports Tools

Order code	Rain Bird Ref.	Description	Price
RB-MW9999	WIRE STRIPPER	Wire stripper tool. Use this handy tool to de-sheath cables for making cable connections, and to remove the outer sheath. Especially handy for the MW0501 twin-core decoder cable. <i>(image F)</i>	<b>£46.31</b>
RB-D02236	SR 700	Eagle 500 & 700 SERIES Rotor snap-ring pliers - use these to remove the snap ring that holds the check valve in place <i>(image G)</i>	<b>£109.67</b>
RB-D02203	SRP	SRP Eagle 900/950 Snap Ring Pliers for the Eagle 900 & 950 rotors <i>(image H)</i>	<b>£128.42</b>



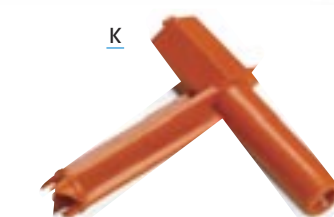


## DRIP & SPRINKLERS

# Tools & Accessories

### Landscape & Sports Tools

Order code	Rain Bird Ref.	Description	Price
RB-B41710	VT700	Valve insertion tool for the 500 & 700 series rotors. Use this to remove/reinstall the check valve at the bottom (inside) of the rotor body <i>(image I)</i>	<b>£154.83</b>
RB-B41730	VT900N	Valve insertion tool for EAGLE 900/950 Series <i>(image J)</i>	<b>£159.35</b>
RB-B41720	EGL SVK	Eagle Selector service tool/key. Orange plastic key for manually turning a rotor on/off/ back to auto <i>(image K)</i>	<b>£23.90</b>
RB-D02215	DR SVK 7	Eagle Selector valve key for VIH Rotors (7"). Steel screwdriver-style key 7" long <i>(image L)</i>	<b>£49.25</b>
RB-D02221	DR SVK 18	Eagle Selector valve key for VIH Rotors (18"). Steel screwdriver-style key 18" long <i>(image M)</i>	<b>£103.65</b>
RB-D02237	TSRS	Installation Socket for TSRS (White) for all Top- Serviceable Rock Screens & Replaceable Valve Seat <i>(image N)</i>	<b>£28.38</b>
IRR-NCC700		Stainless nozzle changing clamp for 500 & 700 series rotors (500, 550, 551, 552, 700, 702, 751, 752). Use this to hold the rotor's riser assembly in place while you remove the turret to change a nozzle. This is also very handy to keep the riser assembly off the grass when you're changing nozzles on site. *NOTE THIS IS A CODE B PRODUCT <i>(image O)</i>	<b>£29.95*</b>
IRR-NCC900		Stainless nozzle changing clamp for 900 series rotors (900,950). Use this to hold the rotor's riser assembly in place while you remove the turret to change a nozzle. This is also very handy to keep the riser assembly off the grass when you're changing nozzles on-site.*NOTE THIS IS A CODE B PRODUCT <i>(image O)</i>	<b>£29.95</b>
RB-D05205	UHA	Universal Hose Adaptor. Use this to convert an existing Rain Bird golf rotor into a manual watering point <i>(image P)</i>	<b>£149.24</b>
RB-212613	SODCUPKIT	Sod cup kit for 551/751/702/ 752 rotors. This hides the sprinkler under a cup of growing turf. <i>(image Q)</i>	<b>£219.50</b>





## DRIP & SPRINKLERS

# 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 degrees 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!

*Swing Joint size is determined by the sprinkler's inlet thread diameter:*

**For ½" pop-ups (RD1800, 3500 series rotors, R-Vans)**

Order code	Rain Bird Ref.	Description	Price
RB-A82060	SPXFLEX30	SPX Flex tube, 30 metre roll. Cut to the desired length ( <i>Image A</i> )	<b>£41.68</b>
RB-A46010	SBE050	Spiral barb fitting: ½" male x barb elbow; use one each end of the above SPX Flex tube	<b>£0.33</b>
IRR-SJ050300		Swing joint ½" BSP x 12" long, includes 2 elbows each end. This product requires thread tape (not included) *NOTE THIS IS A CODE B PRODUCT and is NOT a Rain Bird product. ( <i>image B</i> )	<b>£5.95</b>



**For ¾" BSP rotors (5004, 5006, 5012)**

Order code	Description	Price
IRR-SJ075300	¾" BSP x 30cm (12") rigid poly articulated riser swing joint (does not include o-rings) with 2 elbows each end. This is a true ¾" swing joint (don't be fooled by ½" swing joints from other suppliers using ¾" threads!). *NOTE THIS IS A CODE B PRODUCT ( <i>Image B</i> )	<b>£7.25</b>

**For 1" BSP inlet rotors (8005 & Falcon 6504)**

Order code	Rain Bird Ref.	Description	Price
RB-JB000022	SJ 12 100 22	1" BSP x 30cm (12") swing joint, 2 elbows at top, 1 elbow at bottom	<b>£41.79</b>
RB-JB200022	SJ 12 100 22E	1" BSP x 30cm (12") swing joint, 2 elbows at top, 2 elbows at the bottom. This is the most commonly used in the UK & will screw into a vertical saddle on your pipe.	<b>£44.72</b>

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## DRIP & SPRINKLERS

# Swing Joints for Pop-up Sprinklers

For 1" ACME inlet Golf rotors: (Eagle 551B, 700B, 702B, 751B, 752B):

Order code	Rain Bird Ref.	Description	Price
RB-JB000023	SJ12 100 23	1" BSP/ACME x 30cm (12") swing joint, 2 elbows at top, 1 elbow at bottom.	<b>£41.79</b>
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.	<b>£44.33</b>
RB-JC000023	SJ18 100 23	1" BSP/ACME x 45cm (18") swing joint, 2 elbows at top, 1 elbow at bottom.	<b>£44.52</b>

For 1¼" Acme Inlet Golf Rotors (Golf 700E, 702E, 751E, 752E)

Order code	Rain Bird Ref.	Description	Price
RB-JE000023	SJ 12 125 23	1¼" BSP/ACME x 30cm (12") swing joint, 2 elbows at top, 1 elbow at bottom	<b>£47.12</b>
RB-JE010023	SJ 12 125 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.	<b>£57.37</b>
RB-JF000023	SJ 18 125 23	1¼" BSP/ACME x 45cm (18") swing joint, 2 elbows at top, 1 elbow at bottom	<b>£53.67</b>

For 1½" Acme Inlet Rotors (Eagle 900, 950)

Order code	Rain Bird Ref.	Description	Price
RB-JH000023	SJ 12 150 23	1½" BSP/ACME x 30cm (12") swing joint, 2 elbows at top, 1 elbow at bottom	<b>£61.36</b>
RB-JH010023	SJ 12 150 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	<b>£69.47</b>
RB-JH100023	SJ 12 150 23T	1½" BSP/ACME x 30cm (12") swing joint, Triple Top elbows (5 elbows)	<b>£100.65</b>
RB-JI000023	SJ 18 150 23	1½" BSP/ACME x 45cm (18") swing joint, 2 elbows at top, 1 elbow at bottom	<b>£66.47</b>







## DRIP & SPRINKLERS

# Swing Joints for Pop-up Sprinklers

### 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:

Order code	Rain Bird Ref.	Description	Price
FOR SPRINKLER MODEL 500B, 551B, 700B, 702B, 751B, 752B			
RB-21337101	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	£12.10
FOR SPRINKLER MODEL 500E, 551E, 700E, 751E, 752E			
RB-V02626A	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	£12.29
FOR SPRINKLER MODEL 500E, 551E, 700E, 751E, 752E			
RB-21337102	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	£13.19
FOR SPRINKLER MODEL 900E, 950E			
RB-21337103	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	£13.31



\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytaylor.com](http://www.rigbytaylor.com) and insert the product **Order Code** (left hand column) into the "Enter your search item" box at the top of the Home page.



## CONTROLLERS & DECODERS

# Hose End Timer

### 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 ( $\frac{3}{4}$ " BSP thread) and has a  $\frac{3}{4}$ " 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.



Order code	Rain Bird Ref.	Description	Price
RB-ZA84006	1ZEHTMR	Hose end timer, $\frac{3}{4}$ " female x $\frac{3}{4}$ " male, uses 2 x AA batteries (not included)	£62.06

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## CONTROLLERS & DECODERS

# 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 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).



Order code	Rain Bird Ref.	Description	Price
RB-F48311	WPX1	WPX single station model, excludes solenoid valve & coil	£101.98
RB-F48333	ESPDVFKIT	WPX single station Controller complete with DVF solenoid valve & DC latching solenoid	£132.63
RB-F48321	ESP1SOL	WPX single 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	£119.98
RB-F48312	WPX2	WPX 2-station model, excludes valve & coils; Can operate up to 2 solenoid valves. 9-volt coils sold separately	£175.66
RB-F48314	WPX4	WPX - 4-station model, excludes valve & coils; can operate up to 4 solenoid valves. 9-volt coils sold separately	£191.71
RB-F48316	WPX6	WPX - 6-station model, excludes valves & coils; can operate up to 6 solenoid valves. 9-volt coils sold separately	£216.37

## Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-F48340	9VMOUNT	WPX Wall-mount kit. Use this to safely mount the controller on a wall. WHILE STOCKS LAST (image A)	£18.13
RB-BAT9AL	BAT9AL	9V Alkaline Battery; one required per controller. This battery will last a season.	£2.55
RB-H01040	100-HVBSP9V	1" HV BSP Solenoid Valve complete with 9V latching solenoid. Use this valve for the above controllers	£38.48





## CONTROLLERS & DECODERS

# TBOS-BT Commercial Grade Battery Controllers

This is the 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.

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).



Order code	Rain Bird Ref.	Description	Price
RB-F48501	TBOSBT1	TBOS-BT™ Control Module: 1 station, excludes valve & coil	£151.36
RB-F48502	TBOSBT2	TBOS-BT™ Control Module: 2 stations; can operate up to 2 solenoid valves	£174.65
RB-F48504	TBOSBT4	TBOS-BT™ Control Module: 4 stations; can operate up to 4 solenoid valves	£190.53
RB-F48506	TBOSBT6	TBOS-BT™ Control Module: 6 stations; can operate up to 6 solenoid valves	£206.41

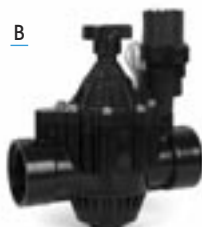
## Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-BAT9AL	BAT9AL	Replacement 9V Alkaline Battery. Replace the battery every year	£2.55
RB-K80920	K80920	9-volt DC latching replacement solenoid coil for Rain Bird valves	£42.70
RB-B70350	100DVFTBOS	1" Landscape grade Solenoid valve DVF BSP female threaded, complete with 9-volt TBOS solenoid coil, with flow control (image A)	£52.26
RB-B31440	100PGA 9V	Rain Bird 100PGA 1" commercial grade solenoid valve complete with 9VDC latching coil; connect this directly to your TBOS-BT controller.	£84.28
RB-B31540	150PGA 9V	Rain Bird 150PGA 1½" commercial grade solenoid valve complete with 9VDC latching coil; connect this directly to your TBOS-BT controller if you need a 1½" solenoid valve. (image B)	£118.54

A



B







## CONTROLLERS & DECODERS

# ESP-RZXe Irrigation Controllers

The ESP-RZX Controller was designed with ease of use and simplicity in mind. Zone-based scheduling allows every valve to be scheduled independently; no more explaining “programs” to end users, virtually eliminating call-backs. The large LCD display shows all the programming for each zone at the same time. Simple graphic-based user interface is easy to explain and presents every controller feature at your fingertips. 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.



Order code	Rain Bird Ref.	Description	Price
RB-F55324	RZXe4i	Indoor 4 station controller-WIFI compatible	<b>£104.13</b>
RB-F55326	RZXe6i	Indoor 6 station controller-WIFI compatible	<b>£117.50</b>
RB-F55328	RZXe8i	Indoor 8 station controller-WIFI compatible	<b>£138.74</b>
RB-F55354	RZXe4 Outdoor	Outdoor 4 station controller-WIFI compatible	<b>£162.08</b>
RB-F55356	RZXe6 Outdoor	Outdoor 6 station controller-WIFI compatible	<b>£186.65</b>
RB-F55358	RZXe8 Outdoor	Outdoor 8 station controller-WIFI compatible	<b>£227.24</b>

## Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-F55002	LNKWIFI	LNK WIFI Module connects the controller to your WIFI ( <i>image A</i> )	<b>£147.11</b>
RB-Y05100	ROTORTOOL	Rain Bird screwdriver, handy for wiring the solenoid cables into the controller terminals ( <i>image B</i> )	<b>£5.03</b>

A



B



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## CONTROLLERS & DECODERS

# ESP-TM2 Irrigation Controllers

The Rain Bird TM2 controller is designed for domestic and average sized landscape irrigation systems and is a multi-cable controller, meaning that each solenoid valve requires a dedicated wire (you can buy the proper multi-strand irrigation cable from us, refer to our Multi-core Cable page).

So why buy a TM2? Well this cost-effective irrigation controller has features that make it very easy to programme & use. It is available in 4 models depending upon how many solenoid valves your system has. All models can be installed inside or outside and the controller has a lockable weatherproof front door.

The controller has 3 programmes (for different parts of your landscape such as lawns, gardens, greenhouse, pots etc) & 4 start times per programme. It has a back-lit LCD display, making it easier to see when you have it mounted in a shady corner! You can select which solenoid stations react to a weather sensor, for example your greenhouse irrigation doesn't want to be switched off in the event of rain outside. A seasonal adjustment button allows you to increase or decrease the run-time of all solenoid valves in the system in a second; if the weather is uncharacteristically hot you can increase all stations by say 20%, or if it's cold but dry, maybe you'll reduce it by 30%. This changes the run-time of every station on the system and is very handy.



It has a non-volatile memory so does not require battery-backup. This means it will hold its programme in the event of a power cut or if you switch the controller's power off at the wall.

This is a tidy little controller, with dimensions 20cm x 20cm x 9cm deep.

As an accessory you can buy a LNK WIFI module which fits snugly inside it & allows you to control the irrigation from your smart phone via an app.



Order code	Rain Bird Ref.	Description	Price
RB-F54224	TM2-4-230	Outdoor 4-station TM2 controller - Wifi compatible	<b>£176.95</b>
RB-F54226	TM2-6-230	Outdoor 6-station TM2 controller - Wifi compatible	<b>£203.75</b>
RB-F54228	TM2-8S230	Outdoor 8-station TM2 controller - Wifi compatible	<b>£248.11</b>
RB-F54232	TM2-12S230	Outdoor 12-station TM2 controller - Wifi compatible	<b>£322.51</b>

## Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-F55002	LNK WIFI	Module connects the controller to your WIFI so you can use your smart phone via the app. (image A)	<b>£147.11</b>
RB-Y05100	ROTORTOOL	Rain Bird screwdriver, handy for wiring the solenoid cables into the controller terminals (image B)	<b>£5.03</b>

A



B



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## CONTROLLERS & DECODERS

# ESP-ME3 Modular Irrigation Controller

The ESP-ME3 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.

4 independent programmes

6 start times per programme

Seasonal adjustment of all stations from one button

Rain sensor bypass function.

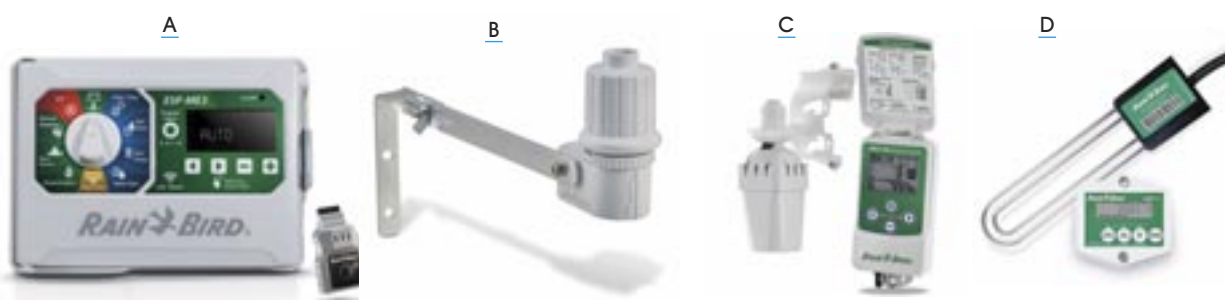
Large, easy to use dial.°



Order code	Rain Bird Ref.	Description	Price
RB-F55420	ESP4ME3EUR	ESP-ME3 modular controller, 4 station base controller (expandable up to 22 stations when you add extension modules)	<b>£270.59</b>
RB-F38200	ESPSM3	3-station extension module for the ESP-ME controller	<b>£48.67</b>
RB-F38260	ESPSM6	6-station extension module for ESP-ME controller	<b>£87.53</b>

## Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-F55002	LNKWIFI	LNK WIFI module for connection to your WIFI <i>(image A)</i>	<b>£147.11</b>
RB-A61200	RSDBEx	Rain sensor. This will prevent irrigation in the event of rain. <i>(image B)</i>	<b>£43.28</b>
RB-A553300	WR2RFC868	Wireless Rain/Freeze Combo Sensor. Prevents irrigation in the event of rain <i>(image C)</i>	<b>£156.23</b>
RB-A65020	SMRTYI	Soil Moisture sensor. Prevents irrigation if your soil moisture is too high <i>(image D)</i>	<b>£276.81</b>



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## CONTROLLERS & DECODERS

# ESP-LXME Irrigation Controller



### Rain Bird ESP-LXME Irrigation Controller up to 48 stations

The result of 40 years of expertise and thousands of installed units, the ESP-LXME is a modern, reliable, direct wired (i.e. multi-cable) controller. With a large display, simple-to-use 'hand' 'off' 'auto' dial, and extra simple programming, the ESP-LXME modular design is flexible enough to cover small and large operations. Use this controller in large landscape projects or even sports pitches. Expandable up to 48 stations when you install the expansion modules (listed in the Accessories below).

You can upgrade the controller by including the IQ network communication cartridge; this has its own IP address & SIM card and allows the controller to be programmed and controlled from anywhere in the world that has a phone signal, from your tablet or smart phone, via the free Rain Bird app.

#### Features

- \* 8 station controller base unit, expandable to 48-station by purchasing extension modules
- \* This is a multi-cable controller; each solenoid valve has a dedicated cable.
- \* Up to 5 solenoid stations can operate simultaneously
- \* Dynamic station numbering eliminates station numbering gaps
- \* Master valve/pump start circuit
- \* Plastic, locking, UV resistant, wall-mount case

#### Operating Specifications

- \* Station run timing: up to 96 hrs continuous runtime
- \* Seasonal Adjust: 0% to 300% (16 hrs maximum station run time)
- \* 4 independent programs (ABCD); these programs can overlap
- \* 8 start times per program
- \* Program Day Cycles include: custom days of the week, odd, odd no 31st, even, and cyclical dates
- \* Manual station, program, test program

Order code	Rain Bird Ref.	Description	Price
RB-F44082	I8LXMEEU	ESP-LXME controller 8-station modular (can be expanded up to 48 stations with extension modules)	<b>£520.29</b>
RB-F45122	I12ESPLXMEFEU	ESP-LXME controller 12-station modular controller with Flow Smart Module	<b>£843.68</b>
RB-F42220	ESP LX M SM12	12-station extension module for ESP-LXME. Add these to the above base controller to make up the number of stations you require.	<b>£264.07</b>





## CONTROLLERS & DECODERS

# ESP-LXME Irrigation Controller

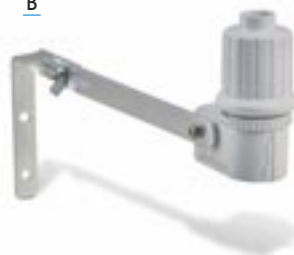
### Useful Accessories

Order code	Description	Price
RB-IQ4614E	IQ Network Communication Cartridge-4G (Cellular) with 4G SIM Card and communication included for 1 year. This allows you to use your smart phone or internet-connected computer to control the system, via a SIM card ( <i>image A</i> )	<b>£2,705.86</b>
RB-IQ4603GSP	IQ Network Communication Cartridge -Ethernet (Wired LAN Network). This allows you to use your smart phone or internet connected computer to control the system, via a direct connection to your internet router. Includes GSP IQ support Lite (003239IQLTRW)	<b>£1,030.45</b>
RB-F45000	Flow Smart Module for ESP-LXME	<b>£148.68</b>
RB-F42420	Stainless Steel Cabinet for ESP-LX	<b>£1,870.53</b>
RB-F42430	Stainless Steel Pedestal for ESP-LX	<b>£3,230.50</b>
RB-A61200	Rain Sensor ( <i>image B</i> )	<b>£41.22</b>
RB-A553300	Wireless Rain/Freeze Combo Sensor ( <i>image C</i> )	<b>£148.79</b>
RB-A65020	Soil Moisture sensor ( <i>image D</i> )	<b>£263.63</b>

A



B



C



D



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## CONTROLLERS & DECODERS

# ESP-LXD Decoder-based Irrigation Controller



### Up to 200 solenoid stations

The ESP-LXD decoder-based controller has been installed in a host of football clubs and golf courses across the UK and is the market leader in wall-mounted decoder controllers. It starts life as a 50-station controller, and you can add 75-station modules to increase capacity to a maximum 200 solenoid stations. The decoder system means the whole system can operate off only 2 wires going to all the solenoid stations. Upgrade the controller with the IQ network communication cartridge, which has its own IP address & SIM card and you can then control your entire irrigation system from anywhere in the world that has a phone signal.

This controller is great for golf courses, and for sports clubs with multiple pitches. It is also perfect for any project that is likely to expand in size later, because the decoder system allows for very simple expansion.

#### Features

- \* 50-station controller base unit, expandable to 200-station with modules
- \* Up to 5 simultaneous stations
- \* Dynamic station numbering eliminates station numbering gaps
- \* Master valve/pump start circuit
- \* Plastic, locking, UV resistant, wall-mount case

#### Operating Specifications

- \* Station run timing: up to 96 hrs continuous runtime
- \* Seasonal Adjust: 0% to 300% (16 hrs maximum station run time)
- \* 4 independent programs (ABCD), which can overlap
- \* 8 start times per program
- \* Program Day Cycles include: custom days of the week, odd, odd no 31st, even, and cyclical dates
- \* Manual station, program, test program

Order code	Rain Bird Ref.	Description	Price
RB-F43120	ESP-LXD	ESP-LXD decoder controller 50-station modular	£2,402.21
RB-F43150	ESPLXDSM75	ESP-LXD 75-station expansion module	£466.93

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## CONTROLLERS & DECODERS

# ESP-LXD Decoder-based Irrigation Controller

### Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-F42420	LX MM SS	Stainless steel cabinet for ESP-LX	<b>£2,020.18</b>
RB-F42430	LX MMSSPED	Stainless steel pedestal for ESP-LX	<b>£3,488.94</b>
RB-IQ4614EGSP	IQ4G EUR+GSP	IQ Network Communication Cartridge-3G (Cellular) with 3G SIM Card and communication included for 1 year. This allows you to use your smart phone and internet-connected computer to operate & programme the controller. Includes GSP IQ Light (003239IQLTRW)	<b>£2,705.86</b>
RB-IQ4603GSP	IQNCCEN+GSP	IQ Network Communication Cartridge Ethernet (Wired LAN Network). This must connect directly into your router and allows you to use your smart phone and internet connected computer to operate & programme the controller. Includes GSP IQ Light (003239IQLTRW)	<b>£1030.45</b>
RB-C01401	IQDATAPLAN	IQ Data Plan - annual SIM card subscription after the first free year for the IQ4613E / IQ4614E communication cartridge. *NOTE this is a CODE E product.	<b>£202.00</b>
RB-A61200	RSDBEX	Rain sensor. Mounts on a wall or post and prevents irrigation if it has rained. <i>(image A)</i>	<b>£43.28</b>
RB-A553300	WR2RFC868	Wireless Rain/Freeze Combo Sensor. Prevents irrigation in the event of rain and freezing conditions. <i>(image B)</i>	<b>£156.23</b>
RB-A65020	SMRTYI	Soil Moisture sensor. Prevents irrigation if the soil moisture level is above a pre-set minimum <i>(image C)</i>	<b>£276.81</b>

A



B



C



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# CONTROLLERS & DECODERS

## LX-IVM Controllers



The new Rain Bird ESP LX-IVM is a powerful controller that is similar in many ways to the IC method of control in Golf. The ESP LX-IVM has “integrated valve modules” instead of solenoid coils on all your solenoid valves; each of these acts like a microprocessor. You do not have decoders in this system but it still operates on the same twin core cable; the same one that you’d use for a decoder system... but without any decoders!

A benefit of the IVM modules on the solenoid valves is that each IVM module will communicate directly with the LX-IVM controller. If a cable connection is starting to fail, the IVM module will send a message back to the controller. On a weekly report you’ll be able to see that the module is losing current so you’ll be able to sort out the issue before it becomes an actual breakdown.

There are 2 models to choose from:

**LX-IVM has up to 60 stations; 10 programmes and up to 8 simultaneous stations**

**LX-IVM PRO has up to 240 stations; 40 programmes and up to 16 simultaneous stations**

This controller uses IQ4 Cloud technology, allowing you to use your mobile phones and tablets to control the irrigation system from anywhere that has mobile coverage. Therefore you can have the entire program system on your office PC as long as it is connected to the internet.

### LX-IVM Controller

Order code	Rain Bird Ref.	Description	Price
RB-F46120	ILXIVMEU	ESP LX-IVM 2-Wire Controller with Smart Valve Technology – 60 stations	<b>£1,532.19</b>
RB-F46125	ILXIVMPEU	ESP LX-IVM PRO 2-Wire Controller with Smart Valve Technology – 240 Stations	<b>£2,920.98</b>
RB-F47100	LXIVMSOL	LX IVM 2-Wire Solenoid Coil – For Rain Bird Commercial Valves ( <i>image A</i> )	<b>£121.02</b>
RB-F47125	LXIVMSD	LX IVM 2-Wire SURGE Protection device	<b>£129.57</b>
RB-F47110	LXIVMSEN	LX IVM 2-Wire Sensor Device – For weather and flow sensors ( <i>image B</i> )	<b>£775.04</b>
RB-F47120	LXIVMOUT	LX IVM-OUT 2-Wire OUTPUT Device – Manage third party valves or devices	<b>£292.80</b>



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# CONTROLLERS & DECODERS

## LX-IVM Controllers

### Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-F42420	LX MM SS	Stainless steel cabinet for ESP-LX	<b>£2,020.18</b>
RB-F42430	LX MMSSPED	Stainless steel pedestal for ESP-LX	<b>£3,488.94</b>
RB-IQ4614EGSP	IQ4G EUR+GSP	IQ Network Communication Cartridge-4G (Cellular) with 4G SIM Card and communication included for 1 year. This allows you to use your smart phone and internet-connected computer to operate & programme the controller. Includes GSP IQ Light (003239IQLTRW) (image A)	<b>£2,705.86</b>
RB-IQ4603GSP	IQNCCEN+GSP	IQ Network Communication Cartridge - Ethernet (Wired LAN Network). This must connect directly into your router and allows you to use your smart phone and internet-connected computer to operate & programme the controller. Includes GSP IQ Light (003239IQLTRW)	<b>£1,030.45</b>
RB-C01401	IQDATAPLAN	IQ Data Plan - annual SIM card subscription after the first free year for the IQ4613E / IQ4614E communication cartridge. * NOTE this is a CODE E product (image B)	<b>£202.00</b>
RB-A61200	RSDBEx	Rain sensor. Mounts on a wall or post and prevents irrigation if it has rained.	<b>£43.28</b>
RB-A553300	WR2RFC868	Wireless Rain/Freeze Combo Sensor. Prevents irrigation in the event of rain and freezing conditions	<b>£156.23</b>
RB-A65020	SMRTYI	Soil Moisture sensor. Prevents irrigation if the soil moisture level is above a pre-set minimum	<b>£276.81</b>
RB-MW0501	BLUE SYS CABLE	Rain Bird Blue System Cable 2x 2,5mm <sup>2</sup> cable - 11mm diameter- 500 metre coil	<b>£1,522.42</b>
RB-MW0501/M		Rain Bird Blue System Cable 2x 2,5mm <sup>2</sup> cable 11mm diameter- sold per metre; minimum order 10 metres	<b>£4.10</b>

A



B



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## CONTROLLERS & DECODERS

# iQ4 Web-Browser Based Control System

Can be used on your smart phone, internet-connected tablet, or internet connected PC.

The iQ4 communication cartridge allows you to use your smart phone to control the irrigation system anywhere that you have mobile reception. This can be in the middle of your golf course or football pitch, or at home, or while on the beach in Spain. The system operates with Rain Bird ESP LX wall-mount controllers, including the ESP LXME (multi-cable controller), ESP LXD (decoder controller) and ESP LX-IVM (IV module system controller).

The iQ4 communication cartridge simply plugs into the door of the wall-mounted irrigation controller and then communicates to the outside world via a SIM card or via LAN. Once an IQ cartridge is installed, there is often no reason to go to the actual wall-mounted controller again, except to change the 9-volt battery once a year because everything else can be done from your office computer (connected to the internet) and smart phone.

### Rain Bird iQ4 Cartridge Options (for individual ESP LX controllers)

You have 3 methods to connect your iQ4 communication cartridge to your office computer:

The cellular (RB-IQ4614E) is the most commonly used because it allows the irrigation controller to be remotely installed (for example in the pump shed). This is because it has its own data SIM card which must be renewed each year.

The LAN (RB-IQ4603) needs to be wired directly into your local area network router or network switch and requires a fixed IP address. This takes a bit more work to install but you don't need to pay the RB-C01401 annual SIM subscription.



## iQ4 Options

Order code	Rain Bird Ref.	Description	Price
RB-IQ4614EGSP	IQ4G EUR-GSP	IQ Network Communication Cartridge-4G (Cellular) with 4G SIM Card and communication included for 1 year. This allows you to use your smart phone and internet-connected computer to operate AND programme the controller. Includes GSP IQ Light (003239IQLTRW)	<b>£2,705.86</b>
RB-IQ4603GSP	IQNCCEN-GSP	IQ Network Communication Cartridge -Ethernet (Wired LAN Network). This must connect directly into your router and allows you to use your smart phone and internet-connected computer to operate & programme the controller. Includes GSP IQ Light (003239IQLTRW)	<b>£1,030.45</b>
RB-C01401	IQDATAPLAN	IQ Data Plan - annual SIM card subscription after the first free year for the IQ4613E / IQ4614E communication cartridge; not required for RB-IQ4603. *NOTE this is a CODE E product.	<b>£202.00</b>
IQ4644	IQ4GEXTANT	IQ external Antenna for IQ4G. Use this if your mobile reception is poor at the controller location.	<b>£337.43</b>

\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytaylor.com](http://www.rigbytaylor.com) and insert the product **Order Code** (left hand column) into the "Enter your search item" box at the top of the Home page.



## CONTROLLERS & DECODERS

# Site Control

### Rain Bird Site Control for multiple sports pitches and large landscape projects

Site Control is Rain Bird's central control system for very large landscape systems and sports irrigation systems (multiple sports pitches and training grounds), where you require a PC to operate the irrigation system due to its size or complexity.

Site Control is being used by many major football clubs across the UK, especially at their training grounds where they may have in excess of 8 separate pitches to look after. Considering each pitch can have 12-20 solenoid stations, one training facility can easily have 100-200 stations to look after. When the football manager needs specific routines to be placed on different pitches for their player's training schedules, life can get tricky for the grounds staff! Rain Bird's Site Control allows simple & fast access to the irrigation programmes for each pitch, as well as managing the pump systems (optimising system flow rates) and weather station information.

Control in the field now utilises Rain Bird's MI (mobile interface). This uses your smart phone or tablet to control any valve or programme in your Site Control, so you can turn sprinklers on & off while you stand on the side line. This is especially handy when you want to make sure everything is working fine in the field, or if you have just applied granular fertilisers to a given area.



There are 4 options available, listed below. All options use the Rain Bird decoder system. The first 2 options are for sites with fewer than 200 stations; the second 2 options are for sites 200-500 stations.

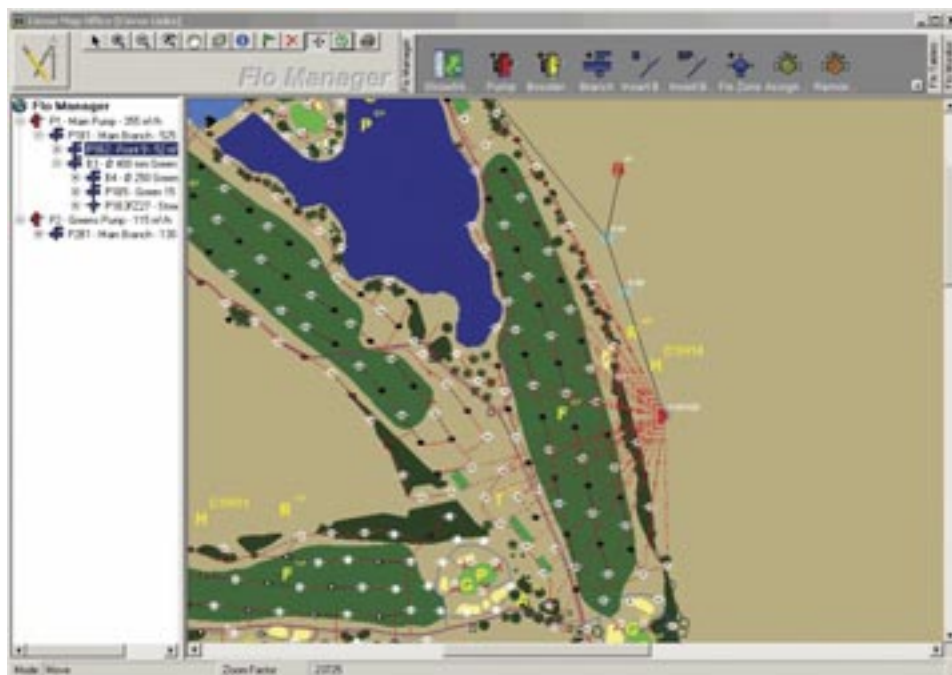
Each option below Includes: Site Control version 5 software, 1 year GSP off-site Rain Bird support, 1 year temporary MI (mobile interface) for remote control, PC pack with 3 year next-day onsite warranty; monitor, keyboard, printer, UPS, software and Windows pre configuration.

Order code	Description	Price
RB-M2580006	<b>Site Control 200 station Decoder System with start-up support:</b> Includes: Site Control DEC software with all optional software modules except remote system, SDI 230 VAC (Decoder Interface), Transformer MT-210, PC according to Rain Bird specification (3 year warranty next business day on site), Uninterruptable power supply, Port multiplier, Peripheral and software installation - 1 year GSP Advantage auto-renewal, Control System Pre Construction & On-site Control System certified start-up	<b>£27,800.56</b>
RB-M2580005	<b>Site Control 200 station Decoder System WITHOUT start-up support:</b> Includes: Site Control DEC software with all optional software modules except remote system, SDI 230 VAC (Decoder Interface), Transformer MT-210, PC according to Rain Bird specification (3 year warranty next business day on site), Uninterruptable power supply, Port multiplier, Peripheral and software installation - 1 year GSP Advantage auto-renewal.	<b>£21,385.57</b>
RB-M2580001	<b>Site Control 500 station Decoder System with start-up support:</b> Includes: Site Control DEC software with all optional software modules except remote system, LDI 230 VAC (Decoder Interface), LTB 300 Line Termination Box, Transformer MT-210, PC according to Rain Bird specification (3 year warranty next business day on site), Uninterruptable power supply, Port multiplier, Peripheral and software installation - 1 year GSP Advantage auto-renewal, Control System Pre Construction & On-site Control System certified start-up	<b>£30,958.25</b>
RB-M2580002	<b>Site Control 500 station Decoder System WITHOUT start-up support:</b> Includes: Site Control DEC software with all optional software modules except remote system, LDI 230 VAC (Decoder Interface), LTB 300 Line Termination Box, Transformer MT-210, PC according to Rain Bird specification (3 year warranty next business day on site), Uninterruptable power supply, Port multiplier, Peripheral and software installation - 1 year GSP Advantage auto-renewal.	<b>£24,058.60</b>
M2505001	<b>Site Control Satellite System - Includes:</b> Site Control SAT software with all optional software modules except remote system, TWI 230 VAC (Interface Module) Assembly, PC according to Rain Bird specification (3 year warranty next business day on site), Uninterruptable power supply, Port multiplier, Peripheral and software installation - 1 year GSP Advantage auto-renewal, Control System Pre Construction & On-site Control System certified start-up	<b>£30,958.25</b>



## CONTROLLERS & DECODERS

# Central Decoder Controls



### Rain Bird Central Control Decoder Systems for upgrading existing decoder systems

Central control systems include a PC computer, two monitors and printer. When you have a large system with potentially hundreds of solenoid valves in the field, you really need a PC central control system. The PC system means you can clearly see your irrigation programmes, make alterations etc and see how your system water usage will happen through various cycles, without having to scroll through an LCD screen on a wall-mounted irrigation controller.

Decoder technology is over 30 years old, and where possible we suggest the much newer IC Central control system (next page). The IC technology is continually advancing and is where Rain Bird is continuing to spend time & resources in making the product better.

However there are many instances where you might need to upgrade an existing system and can't afford to upgrade to an IC system, or for various reasons it's not feasible at the moment.

There are several options available depending upon the size of your golf course (or multiple courses) and how sophisticated you want it to be. Rain Bird weather stations can be incorporated to control your irrigation via daily weather results or soil moisture levels, and MI (mobile interface) allows you to use your smart phone to control your system while you're out on the course.

### To build your Rain Bird PC Central Control Decoder System you will need:

1. The PC central control system of your choice. This is the brain behind the controls. Choose one of the 4 options below:

a. **Stratus LT** for one 18-hole golf course (300 decoders or 750 IC stations).

b. **Stratus II** for 2 courses or 27-holes (700 decoders or 6,000 IC stations).

c. **Nimbus** for 3 courses or 54 holes (4,000 decoders or 24,000 IC stations).

d. **Cirrus**, also for 3 courses or 54 holes (6,000 decoders or 36,000 IC stations).

e. Your Rain Bird irrigation system could be decoder based or IC based. An IC system, unique to Rain Bird, uses an **Integrated Control** module instead of a decoder and solenoid coil and had huge benefits. In this instance the software platform is the new Cirrus II IC software. This is described in more detail later. This will determine what hardware you'll require.

f. If your irrigation system (rotors & solenoid valves) is decoder-based, you'll need a decoder interface; this is the box that links the PC to the outside world. You have 2 options:

SDI means small decoder interface

LDI means large decoder interface

2. A line termination box; only required on decoder systems.
3. A Surge pipe & grounding plate to prevent electrical surges (including a lightning strike) reaching your PC.
4. An optional Mobile Interface, so you can use your smart phone or tablet to make things happen while you're in the field.
5. GSP stands for Global Service Plan. This is optional but gives you Rain Bird's online backup and has huge benefits.

Central control systems are expensive, so to ensure you are choosing the best system for your course, please contact us. We will gladly visit your course and discuss options. Talk to your local Rigby Taylor rep or contact the irrigation department.



## CONTROLLERS & DECODERS

# Central Decoder Controls

### Rain Bird PC Central Control Decoder Systems (the brains of the operation)

Starting from the smallest.

#### Stratus LT

This can control an 18-hole golf course (300 decoders). If you have an 18-hole golf course and wish to stick with a decoder system then you should probably use this option; it has all the bells & whistles you should want at a very affordable price. The PC computer comes with a Pentium 4 or higher processor, 32Mb video card, LCD monitor and printer.



Order code	Rain Bird Ref.	Description	Price
H5280101	Stratus LT V8	STRATUS LT Version 8 Pack – <b>Use this if you are starting from nothing:</b> Includes : Latest Version 8 Full Software - Rain Bird Computer Package (Dell PC Tower with 3 years hardware warranty next business day on site ; wireless mouse & keyboard ; 650VA inverter ; 2 x Dell 24" monitors ; 4 ports multiplier ; Windows® and peripherals are installed and configured in the customer language, properly set to operate irrigation software) - Control System Pre Construction & On-site Control System certified start-up	<b>£8,109.02</b>
H5280201	Stratus LT V8 UPG	STRATUS LT UPGRADE Version 8 Pack – <b>Use this if you are upgrading from a much older version &amp; require new hardware &amp; software.</b> Includes : Latest Version 8 Software Upgrade for existing Rain Bird Golf Courses - Rain Bird Computer Package (Dell PC Tower with 3 years hardware warranty next business day on site ; wireless mouse & keyboard ; 650VA inverter ; 2 x Dell 24" monitors ; 4 ports multiplier ; Windows® and peripherals are installed and configured in the customer language, properly set to operate irrigation software) - Control System Pre Construction & On-site Control System certified start-up	<b>£6,978.47</b>
H92008	STR LT UPG	STRATUS LT UPGRADE - Version 8 – <b>Use this if you just need to upgrade your software but your hardware is capable of operating the new software:</b> Includes : Software Upgrade for existing Rain Bird Golf Courses equipped with Stratus, Nimbus softwares	<b>£4,742.66</b>



#### Stratus II

The Rain Bird Stratus II has all the benefits of Stratus LT but can control 27 holes or 2 golf courses (700 decoders).

Order code	Rain Bird Ref.	Description	Price
H5270101	Stratus II V8	STRATUS II Version 8 Pack – <b>Use this if you are starting from nothing:</b> Includes: Latest Version 8 Full Software - Rain Bird Computer Package (Dell PC Tower with 3 years hardware warranty next business day on site ; wireless mouse & keyboard ; 750VA inverter ; 2 x Dell 24" monitors ; 4 ports multiplier ; Windows® and peripherals are installed and configured in the customer language, properly set to operate irrigation software) - Control System Pre Construction & On-site Control System certified start-up	<b>£15,156.93</b>
H5270201	Stratus II V8 UPG	STRATUS II UPGRADE Version 8 Pack – <b>Use this if you are upgrading from a much older version &amp; require new hardware &amp; software:</b> Includes: Latest Version 8 Software Upgrade for existing Rain Bird Golf Courses - Rain Bird Computer Package (Dell PC Tower with 3 years hardware warranty next business day on site ; wireless mouse & keyboard ; 750VA inverter ; 2 x Dell 24" monitors ; 4 ports multiplier ; Windows® and peripherals are installed and configured in the customer language, properly set to operate irrigation software) - Control System Pre Construction & On-site Control System certified start-up	<b>£12,961.72</b>
H93008	STR II UPG	STRATUS II UPGRADE - Version 8 – <b>Use this if you just need to upgrade your software but your hardware is capable of operating the new software:</b> Includes: Software Upgrade for existing Rain Bird Golf Courses equipped with Stratus, Nimbus softwares	<b>£9,073.21</b>





## CONTROLLERS & DECODERS

# Central Decoder Controls



### Nimbus II

Rain Bird's Nimbus II is a very powerful central control system designed for 3 golf courses or 54 holes (4,000 decoders).

Order code	Rain Bird Ref.	Description	Price
H5260101	Nimbus II V8	NIMBUS II Version 8 Pack – <b>Use this if you are starting from nothing:</b> Includes: Latest Version 8 Full Software - Rain Bird Computer Package (Dell PC Tower with 3 years hardware warranty next business day on site; wireless mouse & keyboard ; 750VA inverter ; 2 x Dell 24" monitors ; 4 ports multiplier ; Windows® and peripherals are installed and configured in the customer language, properly set to operate irrigation software) - Control System Pre Construction & On-site Control System certified start-up	<b>£22,939.95</b>
H5260201	Nimbus II V8 UPG	NIMBUS II UPGRADE Version 8 Pack – <b>Use this if you are upgrading from a much older version &amp; require new hardware &amp; software:</b> Includes: Latest Version 8 Software Upgrade for existing Rain Bird Golf Courses - Rain Bird Computer Package (Dell PC Tower with 3 years hardware warranty next business day on site ; wireless mouse & keyboard ; 750VA inverter ; 2 x Dell 24" monitors ; 4 ports multiplier ; Windows® and peripherals are installed and configured in the customer language, properly set to operate irrigation software) - Control System Pre Construction & On-site Control System certified start-up	<b>£19,946.48</b>
H94009	NB II UPG	NIMBUS II UPGRADE - Version 8 – <b>Use this if you just need to upgrade your software but your hardware is capable of operating the new software:</b> Includes: Software Upgrade for existing Rain Bird Golf Courses equipped with Stratus, Nimbus softwares	<b>£13,962.54</b>







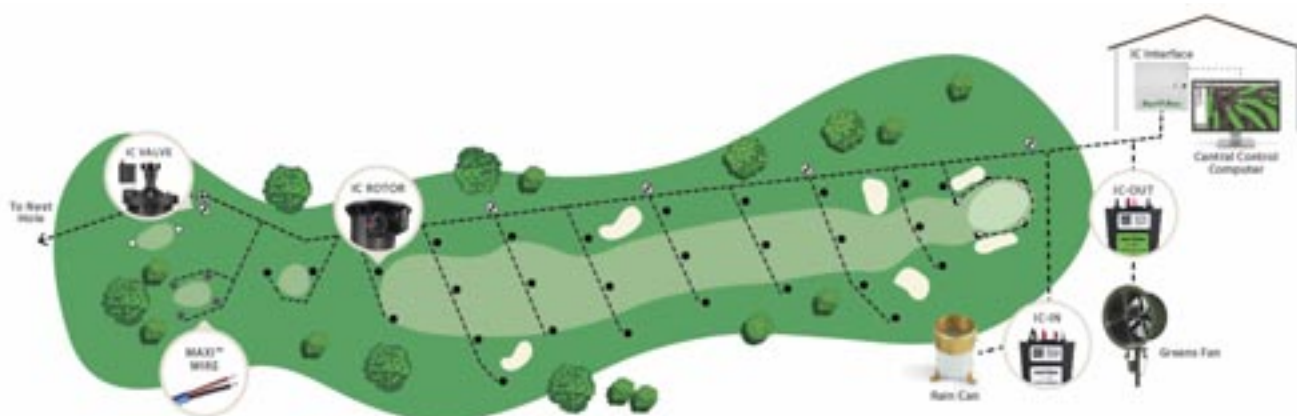
## CONTROLLERS & DECODERS

# Central Control Systems using IC Technology

IC is a system unique to Rain Bird. It is similar to a decoder system in that the whole course can be operated on one twin-core cable, but that's pretty much where the similarity ends. Here is a brief description of how an IC System differs from a decoder system:

### How an IC System works

An IC module is a specialized microprocessor that is an integral component coupled inside a Rain Bird solenoid coil, so from the outside it just looks a bit bigger than a standard solenoid coil. It screws directly into the solenoid valve (via a valve adaptor) or golf rotor just as a standard solenoid coil would. The irrigation controller sends a signal out to all the stations on a twin-core cable path (this is the same cable as a decoder system uses), but again only station No.79 will respond, using the example above. The IC module differs from a decoder in that it is a true microprocessor; it can tell whether the solenoid valve or rotor has turned on because of the change in current. If the solenoid valve or rotor doesn't respond, the IC module will send an



alarm back to the controller that there is an issue. Importantly you can test an entire IC control system (i.e. potentially thousands of solenoid valves or rotors) in a few minutes each morning (this can be done automatically from your Central PC) without any solenoid valves or sprinklers actually turning on; the current, resistance etc. is recorded by the control system. By this process you can see any problems in your wiring, even before the problem has caused a physical issue. For example, a cable joint that is corroding or loose will show up as an issue on your PC screen and can be located and repaired BEFORE the cable joint has even caused a physical fault! The IC system is hugely powerful. It is slightly more expensive than a decoder system but is faster to install and uses half the number of cable joints so can work out to be a similar price once installed.

### IC Central Control Software – the new Cirrus Version 8

There is a new IC system software platform which was released into the market last year. It is extremely powerful. Whereas in a decoder Central PC system there are 4 options to choose from, with IC there is only the one software platform which is top-of-the-range. This is called Cirrus.

For an IC Central Control System you will need the following inputs:

- \* Either a full new PC system, or if you are upgrading from a decoder system you might just need the software upgrade. If you have an existing Rain Bird central control system you'll either need the upgrade below or the update depending upon how old your computer hardware is.
- \* An IC interface module. This links the outside cable network with your PC system.
- \* A Surge pipe & grounding plate. This protects the PC system from lightning etc.
- \* Replace your Rain Bird valve-in-head rotor solenoid coils with IC modules; replace your Rain Bird solenoid valve coils with IC modules too. Please note that you can't connect an IC module to a non-Rain Bird rotor or solenoid valve.



## CONTROLLERS & DECODERS

# Central Control Systems using IC Technology

Order code	Rain Bird Ref.	Description	Price
RB-H5250101	Cirrus V8	Software & Hardware: CIRRUS Version 8 Pack – <b>Use this if you are starting from nothing:</b> Includes: Latest Version 8 Full Software - Rain Bird Computer Package (Dell PC Tower with 3 years hardware warranty next business day on site ; wireless mouse & keyboard ; 750VA inverter ; 2 x Dell 24" monitors ; 4 ports multiplier ; Windows® and peripherals are installed and configured in the customer language, properly set to operate irrigation software) - Control System Pre Construction & On-site Control System certified start-up	<b>£30,922.53</b>
RB-H5250201	Cirrus V8 UPG	CIRRUS UPGRADE Version 8 Pack – <b>Use this if you are upgrading from a much older version &amp; require new hardware &amp; software:</b> Includes : Latest Version 8 Software Upgrade for existing Rain Bird Golf Courses - Rain Bird Computer Package (Dell PC Tower with 3 years hardware warranty next business day on site ; wireless mouse & keyboard ; 750VA inverter ; 2 x Dell 24" monitors ; 4 ports multiplier ; Windows® and peripherals are installed and configured in the customer language, properly set to operate irrigation software) - Control System Pre Construction & On-site Control System certified start-up	<b>£26,931.24</b>
RB-H95009	CR UPG	CIRRUS UPGRADE - Version 8 – <b>Use this if you just need to upgrade your software but your hardware is capable of operating the new software:</b> Includes: Software Upgrade for existing Rain Bird Golf Courses equipped with Stratus, Nimbus softwares	<b>£18,851.88</b>
RB-HS6085	ICI3000230	ICI+ (Integrated Control Interface Plus): one single interface to connect any size of IC System™, and to connect PAR+ / PAR+ES Two-Wire and LINK™ Satellites to an IC System™ ( <i>image A</i> )	<b>£10,707.84</b>
RB-D05110	MSP1	Surge pipe – Installed outside the building housing the PC, prevents power surges such as lightning from reaching the PC system.	<b>£878.20</b>
RB-D05400	MGPI	Grounding plate for MSP-1	<b>£521.02</b>

A



B



C



D



Order code	Rain Bird Ref.	Description	Price
RB-HS1000	ICSD	Integrated Control Surge Device; installed around the course to help absorb lightning strikes. Use one for every 12 IC modules or IC rotors; we suggest one per green in a standard IC rotor system	<b>£94.91</b>
RB-214010	ICM	Integrated Control Module for rotor conversion. Use this if you want to convert a standard Rain Bird electric rotor into an IC rotor	<b>£195.30</b>
RB-213831	ICMVLVKIT	Combo IC Module and Valve Adapter pre-assembled for valve conversion. Use this if you want to convert a standard Rain Bird solenoid valve to IC. ( <i>image B</i> )	<b>£205.07</b>
RB-HS4000	ICIN	IC-IN: IC inward sensor input. Feed data into your system with this sensor, such as weather stations & rain cans ( <i>image C</i> )	<b>£1,107.60</b>
RB-HS5000	ICOUT	IC-OUT Control Output Device ( <i>image D</i> )	<b>£967.38</b>



## CONTROLLERS & DECODERS

# GSP: Global Service Plan

GSP stands for Global Service Plan and is designed for those of you who own a Rain Bird Central Control system (Stratus LT, Stratus II, Nimbus, Cirrus and Site Control) and want online backup for those times when things just don't go as planned. It is a subscription which you pay annually; the value depends upon the amount of back-up you want. You can choose a GSP option that includes renewing your hardware periodically (PC tower, monitor, printer & software) or choose just the back-up without hardware renewal.



The Rain Bird GSP is a very useful add-on subscription that gives you the peace of mind of knowing that if anything goes wrong with your Central Control System, you have Rain Bird's back-up. This includes holding your entire irrigation programme in the Cloud and being able to utilise the assistance of a trained central control technician online (based in Spain). If your computer dies or inadvertently gets destroyed then your GSP contract can provide you with a loan PC until your original one is repaired or replaced.

Considering most of us are not as computer savvy as we would like to be, and your Central Control System can be a bit bewildering when it doesn't quite go as planned, it is nice to know that help is only a phone call away if things turn pear-shaped.

There are a few different options you can choose that reflect the amount of back-up you want. There is also the option of MI; Mobile Interface. This allows you to control your central irrigation system from your mobile phone or tablet. This is extremely handy.

To purchase your Global Service Plan, contact your Rigby Taylor rep or your Rain Bird irrigation contractor. You'll need to fill out a simple form and sign it, pay your first year's subscription, and then everything will be done online. If you purchase a GSP plan with hardware then the PC will be sent to you fully loaded with Rain Bird's latest version software. Your programming will then be downloaded remotely and you'll be good to go.

GSP is used by many golf courses and sports clubs throughout the UK and has proven to be worth its weight in gold!

Order code	Rain Bird Ref.	Description	Price
RB-003239GSPLTRW	GSP Light	This is the cheapest option. It provides GSP auto daily backup of your irrigation programmes to the Cloud, remote maintenance of your PC, and the ability to chat to someone online if things aren't going right (during business hours).	<b>£656.10</b>
RB-003239ADVRW	GSP Advantage	This provides all of the above plus the ability to phone someone if things aren't going to plan, also two users can use their phones to operate the system in the field (MI), a pre-booked annual maintenance of your central control system, and an emergency 30 day LOAN PC shipped from Rain Bird Europe within 48 hours of your request.	<b>£1,067.40</b>
RB-003239PLRW	GSP Plus	This includes all of the GSP Advantage features above, plus a full interface exchange shipped from Rain Bird Europe within 48 hours (maximum 1 per year without charge), plus GSP Connect; unlimited remote control application of your PC, and GSP Alert; automatic alert to you if your Control system has problems.	<b>£1,708.20</b>
RB-003239PRE5RW	GSP Premium	This includes all of the GSP Plus above plus: A software update to Maxicom version 4, IQ version 3 or Site Control version 5; GSP Plug & Play which is a full new PC computer to the specification required, and a pre-booked remote support to help get the new PC system sorted. <b>Note that the price is an annual price for a 5 year term; total cost £11,961.00 over the 5 year period.</b>	<b>£2,392.20</b>
RB-003239ULT5RW	GSP Ultimate	This includes the Plug & Play new PC computer system, software update, and an on-site visit by a Rain Bird authorised service provider to get your system up & running (please note travel is not included and will be extra). <b>Note that the price is an annual price for a 5 year term; total cost £13,941.00 over the 5 year period.</b>	<b>£2,788.20</b>



## CONTROLLERS & DECODERS

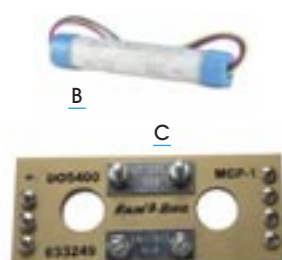
# Decoders & Decoder Hardware

Decoders are used extensively on golf courses, sports pitches & large landscape irrigation systems. A decoder controller differs from conventional irrigation controllers in that it only needs 2 strands of wire (normally sheathed into one large 2-core cable) to operate potentially hundreds of solenoid valves. It can do this because at every solenoid valve we will install a decoder; when the irrigation controller sends out a signal for say valve-station 38 to open, every decoder receives the signal but only the decoder programmed as station 38 will respond; it will then allow the electricity to pass through to the solenoid valve, which will then open and irrigate.

Please note that our Rain Bird decoders will only operate on Rain Bird decoder-controllers, such as the Rain Bird ESP-LXD or a Rain Bird central PC decoder-based control system. Don't try to use them on other brands of controller because the two will not be able to communicate with each other.

For each single station decoder (FD101) you will need 4 cable connectors. We suggest the WC100, listed below. This is designed for the large cable diameter and has minimal resistance. Whenever you are replacing a cable-path, please use our Rain Bird decoder cable. It is the best on the market and it's strong and durable. We sell this per metre if you don't want to purchase a 500-metre roll!

Order code	Rain Bird Ref.	Description	Price
RB-M61101	FD101	Field Decoder, one-way, 1 solenoid per station ( <i>Image D</i> )	<b>£126.23</b>
RB-RBEM61000	FD102	Field Decoder, one-way, 2 solenoids per station	<b>£176.31</b>
RB-M61400	FD202	Field Decoder, two-way, 2 solenoids per station	<b>£288.10</b>
RB-M61440	FD401	Field Decoder, four-way, 1 solenoid per station	<b>£322.08</b>
RB-M61600	FD601	Field Decoder, six-way, 1 solenoid per station	<b>£566.72</b>
RB-M98999	LSP1	Line Surge Protection Device. Install one every 8 decoders or 150 metres. These help protect the system from lightning strikes and are essential to any Rain Bird decoder system.	<b>£80.74</b>
RB-RBEM72000	PD210	Pump Decoder	<b>£928.19</b>
RB-M62001	SD210	Sensor Decoder	<b>£548.81</b>
RB-H49200	SDI PACK	Small Decoder Interface (SDI) Pack - Includes Transformer and RB-M63100 Line Termination Box 100. Use this to connect your Stratus LT system to the field. Use one SDI per 200 stations ( <i>image A</i> )	<b>£7,944.62</b>
RB-M15006	SDI	Replacement SDI 220VAC (Small Decoder Interface) on its own, excludes transformer	<b>£7,278.96</b>
RB-M15008	LDI	LDI 230V (Large Decoder Interface) includes: Transformer and RB-M63300 line termination box 300. Use this to connect your Stratus II, Nimbus II and Cirrus systems to the field. Use one LDI per 500 stations	<b>£8,585.04</b>
RB-D05110	MSP1	Surge pipe. Use 1 per line path entering the building. This protects the PC system from lightning strikes ( <i>image B</i> )	<b>£828.50</b>
RB-D05400	MGPI	Grounding plate for MSP-1. Use one per MSP1 ( <i>image C</i> )	<b>£491.53</b>
RB-M63100	LTB100	Line Termination Box 100 (part of the SDI pack & LDI pack). This is the replacement price.	<b>£665.67</b>
RB-M63300	LTB 300	Line Termination Box 300 (part of the SDI pack & LDI pack). This is the replacement price	<b>£967.54</b>
RB-WC100	WCUL100	Connector for Max 3 wires 4 mm <sup>2</sup> (600V max), equivalent to the older DBR-Y connectors but a better product ( <i>image E</i> )	<b>£2.57</b>







## CONTROLLERS & DECODERS

# Other brands of Decoders

Most decoders will only operate on the controller they are designed for. If your controller is not a Rain Bird model, you will need the decoder model suited to your controller. Here are a few options:

Controller	Appropriate Decoder
Aquarius, 2-wire Watermaton, TW2, Logic Aquarius, Aquarille Logic Plus 2-wire, Aquarille AQ127, Aquarille Touch, Monitor 100 Plus Controllers	Tonick 2-wire decoders
Hunter ICC controller c/w ICC 2-wire module	Underhill decoders
Heron 2-wire decoder controllers	Heron decoders
Bailoy Gemini 2 wire system Bailoy Trident 3 wire system	Bailoy Gemini decoders Bailoy Trident decoder

If you are not sure what controller or decoders you need, the simplest way is to go and take a look inside a valve box and see what shape and colour your decoders are, and then take a look at the images below. If you're still unsure you can send a photo to your friendly Origin Amenities rep who can ask us on your behalf.

For each single-station decoder you will need 4 cable connectors. We suggest the WC100 cable connector listed below. This is designed for the large cable diameter of decoder systems and has minimal electrical resistance.

### Tonick 2-Wire Decoders

(can be used on Aquarius / TW2 / Logic Aquarius / Aquarille logic 2-wire / AQ127 / Aquarille Touch / Monitor 100 Plus controllers)

Order code	Description	Price
IRR-TONDECWM1	Tonick single station decoder	£106.79
IRR-TONDECWM2	Tonick 2-station decoder	£157.63
IRR-TONDECWM3	Tonick 3-station decoder	£194.70
IRR-TONDECWM4	Tonick 4-station decoder	£216.85



### Heron 2-Wire Decoders

(Use only with Heron 2-wire decoder systems)

Order code	Description	Price
IRR-HERONDECB1	Heron single station decoder	£129.25
IRR-HERONDECB2	Heron 2-station decoder	£174.75
IRR-HERONDECB3	Heron 3-station decoder	£232.36



### Underhill 2-Wire Decoders

(Use only with Hunter ICC controller using a decoder module)

Order code	Description	Price
IRR-UNDERHILL01	Underhill single station decoder (image D)	£162.12

\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytaylor.com](http://www.rigbytaylor.com) and insert the product **Order Code** (left hand column) into the "Enter your search item" box at the top of the Home page.





## CONTROLLERS & DECODERS

# Other brands of Decoders

### Bailoy/Toro Gemini 2-Wire Decoders

(can be used on Aquarius / TW2 / Logic Aquarius / Aquarille logic 2-wire / AQ127 / Aquarille Touch / Monitor 100 Plus controllers)

Order code	Description	Price
IRR-GEMINI01	Bailoy Gemini single station decoder ( <i>Image A</i> )	£118.30
IRR-GEMINI02	Bailoy Gemini 2-station decoder	£147.62
IRR-GEMINI03	Bailoy Gemini 3-station decoder	£177.44
IRR-GEMINI04	Bailoy Gemini 4-station decoder	£202.13



### Bailoy/Toro Trident 3-Wire Decoders

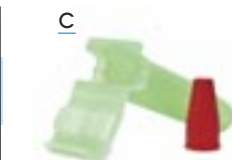
(Can be used on Bailoy Trident / Aquarille Logic 3-wire / Aquarille AQ127 / Aquarille Touch / Monitor 100 Plus controllers)

Order code	Description	Price
IRR-TRIDENT01	Bailoy Trident single station decoder ( <i>image B</i> )	£115.98
IRR-TRIDENT02	Bailoy Trident 2-station decoder	£149.11
IRR-TRIDENT03	Bailoy Trident 3-station decoder	£173.96
IRR-TRIDENT04	Bailoy Trident 4-station decoder	£198.82



### Useful Accessories

Order code	Description	Price
RB-WC100	DBR-Y style connector for Max 3 wires 4 mm <sup>2</sup> (600V max) ( <i>image C</i> )	£2.83
RB-MW0501	Rain Bird twin core decoder cable 2x 2,5mm <sup>2</sup> cable - Ø11mm – 500 metre coil ( <i>image D</i> )	£1,522.42
MW0501/M	Rain Bird twin core decoder cable 2x 2,5mm <sup>2</sup> cable - Ø11mm - sold per metre (minimum 20 metres) ( <i>image D</i> )	£4.10
RB-MW9999	Wire Stripper Tool ( <i>image E</i> )	£46.31



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## CONTROLLERS & DECODERS

# Weather Sensors

These are devices that will help control your irrigation system in the event of unsavoury weather or based on soil moisture (using the soil moisture sensor). These are perfect for home & landscape irrigation systems but can be also used on larger projects & even golf courses.

Order code	Rain Bird Ref.	Description	Price
RB-A61200	RSDBEx	<b>Rain Sensor:</b> This is the standard cost-effective rain sensor that can be connected to any irrigation controller that has sensor ports. It will turn the irrigation system off in the event of enough rain. You can adjust it so it requires a reasonable amount of rain (not just a brief drizzle) before it will turn the irrigation system off. Mount it on a fence or post away from overhanging obstacles. Requires a twin electrical cable to be taken back to the irrigation controller. <i>(image A)</i>	<b>£43.28</b>
RB-A553300	WR2RFC868	<b>Wireless rain/Freeze Combo sensor:</b> This small device comes in 2 parts; a wireless sensor that is mounted on a fence or gutter outside, and the receiver that you mount beside your irrigation controller. The receiver is wired into your controller. This sensor will pause your irrigation in the event of rain, and will prevent irrigation if the temperature falls below a pre-set minimum. It is simple to install & great if you don't want wires running up to the sensor <i>(image B)</i>	<b>£156.23</b>
RB-65020	SMRTYI	<b>Soil moisture sensor:</b> As the name implies, this reads the moisture level in the soil around the sensor & can control the irrigation accordingly. It comprises 2 parts; the soil moisture sensor that is installed in the soil, just below the bottom of the grass roots, and the receiver (controller interface) which you install beside the irrigation controller. You can choose what level of soil moisture as a percentage (say 12%) and when the soil moisture level falls below that % it will allow the controller to do an irrigation cycle next time it's programmed to. This system can save huge volumes of water by ensuring you are only irrigating when your soil profile (and therefore your plant roots) actually needs it! It also has a handy sensor bypass button which allows the controller to bypass the sensor. <i>(image C)</i>	<b>£276.81</b>

A



B



C



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# Weather Stations



A Weather station, when used with a central control system (i.e. Rain Bird PC system), reads the daily evapotranspiration (ET) levels & adjusts the irrigation accordingly. The ET is determined by the weather station collating information including the air temperature, wind speed, wind direction, solar radiation, relative humidity and rainfall. This can increase the accuracy of your irrigation applications, ensuring you are applying the correct amount of water for your turf each day. It also has the potential to save you a great deal of money in terms of pump-kilowatts and water; especially if you are paying for your irrigation water.

**Communication Options:** There are options available for transmission of the information from your weather station to your Central Control System:

- \* Wireless communication
  - \* AC powered, delivered to the PC via radio
  - \* Solar power
- \* Phone communication; solar powered.
- \* Direct wire communication (short haul modem)

### The Rain Bird Pro-LT is significantly cheaper than the Pro2, so what's the difference?

The measurement of information between the 2 models is not significantly different, but the Pro-2 model can control the irrigation system immediately, even during an irrigation cycle, whereas the Pro-LT determines how the irrigation system will operate in its next irrigation cycle. The Pro-2 therefore can be far more accurate in that it is controlling the irrigation system in a true real-time way... however this does come at a greater cost!

**Automatic Shut off / Turn on (Pro-2 model):** Your Rain Bird central control system will suspend irrigation in the event that the Pro-2 weather station receives information to do so and will resume the irrigation once conditions are appropriate. Note that you can program this to happen for the entire system or specific areas (greens, tees, fairways, etc) while other programmes can continue unaffected. This feature is not available with the Pro-LT, which will simply collate the information and send a revised programme to the central controller before the start of an irrigation cycle.

**Automatic notification (Pro-2 model):** The Pro-2 model can send you an automatic notification via email or text if a weather response has affected irrigation. This feature is also not available with the Pro-LT.

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## CONTROLLERS & DECODERS

# Weather Stations

### WS-PRO-LT Weather Station

The Rain Bird Pro-LT weather station is now only available as a solar powered, wireless communication model:

Order code	Rain Bird Ref.	Description	Price
RB-V86976	WSPROLT S WL	Weather station PRO LIGHT Wireless communication, Solar power (5W) - Delivered with RF422 868 MHz Radio kit and TW Mast Mounting - No modem and no battery	<b>£18,814.31</b>



### WS-PRO2 Weather Station

Order code	Rain Bird Ref.	Description	Price
RB-H5990001	WSPRO2 PH AC	Automatic Weather Station PRO2, Phone communication, AC power. Includes on site start up	<b>£27,698.52</b>
RB-H5991001	WSPRO2 SH AC	Automatic Weather Station PRO2, Direct wire communication (short haul modem), AC power - Includes on site start up.	<b>£29,296.94</b>
RB-H5992501	WSPRO2 SH SP	Automatic Weather Station PRO2, Direct wire communication (short haul modem), Solar power 10W. Includes on site start up.	<b>£29,676.79</b>



### Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-V05927A	SOLARPANEL	Solar Panel	<b>£983.44</b>
RB-M61010	RAINGAUGE	Rain fall gauge (0.25 mm) <i>(image A)</i>	<b>£1,530.45</b>
RB-M80302	ANENOMETER	Anemometer <i>(image B)</i>	<b>£4,069.69</b>



If you would like more information on the Rain Bird Weather Station, please contact Origin Amenity Solutions.

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## CONTROLLERS & DECODERS

# Lightning Protection & Earthing



All Rain Bird central control systems and decoder systems require earthing. This helps prevent surges in electricity (including lightning) that can seriously damage your electronic hardware; your PC control system in your office and your decoders or IC modules in the field.

There are 2 lines of defence for a Rain Bird PC Central control system (Stratus, Nimbus or Cirrus). The first is at the entry point where the field cables enter the building that houses your control system. The second defence is out in the field, where line surge protection should be installed throughout your field-wiring system as specified below.

For the ESP-LXD decoder wall-mount controller and the ESP LX-IVM wall-mount controller you will need surge protection in the field but not at the controller.

### Rain Bird Central Control Surge Protection: Into the building

Before your field wires enter the building that houses your PC control system, you need a Surge Pipe and grounding plate installed; one each of these should be installed for each cable run leaving the building. You can cheat on this in some instances by having only one cable leaving the building, and then branching in different directions in the field after the surge pipe. However you do need at least one surge pipe & grounding plate per decoder interface or IC interface in your system:

Order code	Rain Bird Ref.	Description	Price
RB-D05110	MSP1	Surge pipe. The field cables connect into this outside the building that houses the interface & PC computer. It helps prevent surges such as lightning strikes from reaching the hardware. One surge pipe can accept up to 2 field cables. Not required for LXD & IVM systems ( <i>image A</i> )	<b>£878.20</b>
RB-D05400	MGP1	Grounding plate for MSP-1; you'll need one on these for each surge pipe ( <i>image B</i> )	<b>£521.02</b>

A



B



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## CONTROLLERS & DECODERS

# Lightning Protection & Earthing

### Rain Bird Field Surge Protection (all decoder, IC & IVM systems)

This is the hardware that is installed along your twin-core cable path. This hardware will protect your decoders or IC modules from a serious surge such as lightning. Rain Bird suggest you install one LSP1 Line surge protection device for every 8 decoders or 150 metres of cable, whichever is smaller.

For IC systems and the IVM the ICSD (RB-HS1000) should be installed after every 15 IC modules or every 150 metres.

Both surge devices must be adequately grounded; use our copper earthing rods for this. These are much longer than household copper earthing rods and should be installed up to 8' in the ground.

Order code	Rain Bird Ref.	Description	Price
RB-M98999	LSP1	Line surge protection device for decoder systems. Install one every 12 decoders or 150 metres, whichever is less. We suggest at least one green. <i>(image A)</i>	<b>£80.74</b>
RB-HS1000	ICSD	Integrated control surge device for IC control systems <i>(image B)</i>	<b>£94.91</b>
RB-F47125	LX-IVMSD	2 wire field surge protection for the ESP LX-IVM controller <i>(image C)</i>	<b>£129.57</b>



### Copper Earthing Rods & attachments (these are all CODE B products):

Order code	Description	Price
IRR-CER58-4	Copper earthing rod 5/8" x 1.2 metres; use 2 of these with the rod coupler below to make 1 x 2.4 metre rod. These irrigation control systems require deep earthing! CODE B <i>(image D)</i>	<b>£16.50</b>
IRR-CER58-24	Copper earthing rod 5/8" x 2.4 metres. You'll require one per control-system surge device. CODE B	<b>£36.50</b>
IRR-CERC58	Copper earthing rod coupler (join 2 of the 1.2m rods above together). CODE B <i>(image E)</i>	<b>£5.50</b>
IRR-CERCRI5	Copper earthing rod clamp for connection of earth cable or surge device. CODE B <i>(image F)</i>	<b>£9.95</b>





## CONTROLLERS & DECODERS

# 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 landscape projects and single-pitch football systems it is generally more economic to use multi-core cable. Both options are listed on this page.

### Decoder & IC Control Cable

Use this cable on decoder and IC systems only. It is the best on the market and many irrigation contractors use it as their preferred cable because it's flexible and easy to use.

Order code	Rain Bird Ref.	Description	Price
RB-MW0501	BLUE SYS CABLE	2x 2,5mm <sup>2</sup> cable - Ø11mm - 500m coil	<b>£1,522.42</b>
RB-MW0501/M		Rain Bird Blue System Cable 2 x 2.5mm <sup>2</sup> cable - 11mm diameter- sold per metre; minimum order 20 metres	<b>£4.10/m</b>
RB-WC100	WCUL100	Connector for Max 3 wires 4 mm <sup>2</sup> (600V max) ( <i>image B</i> )	<b>£2.83</b>



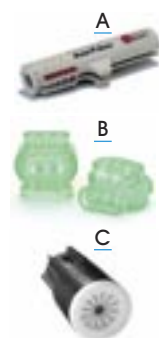
### Multi-Core Cable for landscape & single pitch systems

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 & is only designed for 24VAC solenoid valves.

Order code	Rain Bird Ref.	Description	Price
RB-C03075	IRRICABLE 3/75	IRRIGATION cable, 3 colour-coded conductors, 75m drum	<b>£103.02</b>
RB-C03150	IRRICABLE 3/150	IRRIGATION cable, 3 colour-coded conductors, 150m drum	<b>£206.04</b>
RB-C05075	IRRICABLE 5/75	IRRIGATION cable, 5 colour-coded conductors, 75m drum	<b>£158.24</b>
RB-C05150	IRRICABLE 5/150	IRRIGATION cable, 5 colour-coded conductors, 150m drum	<b>£316.47</b>
RB-C07075	IRRICABLE 7/75	IRRIGATION cable, 7 colour-coded conductors, 75m drum	<b>£214.49</b>
RB-C07150	IRRICABLE 7/150	IRRIGATION cable, 7 colour-coded conductors, 150m drum	<b>£428.99</b>
RB-C09075	IRRICABLE 9/75	IRRIGATION cable, 9 colour-coded conductors, 75m drum	<b>£275.37</b>
RB-C13075	IRRICABLE 13/75	IRRIGATION cable, 13 colour-coded conductors, 75m drum	<b>£372.69</b>



Order code	Rain Bird Ref.	Description	Price
RB-MW9999	WIRE STRIPPER	Wire Stripper Tool ( <i>image A</i> )	<b>£46.31</b>
RB-236632	DBM10	Connector for Max 3 wires 1½ mm <sup>2</sup> (600V max) ( <i>image B</i> )	<b>£1.93</b>
RB-L63000	KING	Connector for Max 2 wires 2½ mm <sup>2</sup> or 3 wires 1.5 mm <sup>2</sup> (30V max) ( <i>image C</i> )	<b>£1.39</b>





## VALVES & VALVE BOXES

# Manual Isolating Valves

As the name implies, use these anywhere you need to turn water on or off. They are also very handy directly upstream of a solenoid valve for maintenance purposes, so you can isolate the solenoid valve if there are any issues. Available in brass, stainless & plastic.

### Brass Ball Valves, female x female c/w long handle

Order code	Description	Price
IRR-BBV15FFSH	Brass ball valve ½" female x female, c/w stainless handle	£7.46
IRR-BBV20FFSH	Brass ball valve ¾" female x female, c/w stainless handle	£9.85
IRR-BBV25FFSH	Brass ball valve 1" female x female, c/w stainless handle	£15.69
IRR-BBV32FFSH	Brass ball valve 1¼" female x female, c/w stainless handle	£25.85
IRR-BBV40FFSH	Brass ball valve 1½" female x female, c/w stainless handle	£35.86
IRR-BBV50FFSH	Brass ball valve 2" female x female, c/w stainless handle	£48.17
IRR-BBV65FFSH	Brass ball valve 2½" female x female, c/w stainless handle	£120.62
IRR-BBV80FFSH	Brass ball valve 3" female x female, c/w stainless handle	£169.23
IRR-BBV100FFSH	Brass ball valve 4" female x female, c/w stainless handle	£218.46



### Brass Ball Valves, male x female c/w long handle

Order code	Description	Price
IRR-BBV15MFSH	Brass ball valve ½" male x female, c/w stainless handle	£11.95
IRR-BBV20MFSH	Brass ball valve ¾" male x female, c/w stainless handle	£16.80
IRR-BBV25MFSH	Brass ball valve 1" male x female, c/w stainless handle	£17.09
IRR-BBV32MFSH	Brass ball valve 1¼" male x female, c/w stainless handle	£28.00
IRR-BBV40MFSH	Brass ball valve 1½" male x female, c/w stainless handle	£37.70
IRR-BBV50MFSH	Brass ball valve 2" male x female, c/w stainless handle	£55.24
IRR-BBV65MFSH	Brass ball valve 2½" male x female, c/w stainless handle	£122.01
IRR-BBV80MFSH	Brass ball valve 3" male x female, c/w stainless handle	£170.77
IRR-BBV100MFSH	Brass ball valve 4" male x female, c/w stainless handle	£223.08



### Brass Ball Valves, male x female c/w butterfly handle

Order code	Description	Price
IRR-BBV15MFBH	Brass ball valve ½" male x female, butterfly handle	£8.69
IRR-BBV20MFBH	Brass ball valve ¾" male x female, butterfly handle	£11.00
IRR-BBV25MFBH	Brass ball valve 1" male x female, butterfly handle	£18.32
IRR-BBV32MFBH	Brass ball valve 1¼" male x female, butterfly handle	£30.77



### Brass Ball Valves, female x female c/w butterfly handle

Order code	Description	Price
IRR-BBV15FFBH	Brass ball valve ½" female x female, butterfly handle	£7.69
IRR-BBV20FFBH	Brass ball valve ¾" female x female, butterfly handle	£11.00
IRR-BBV25FFBH	Brass ball valve 1" female x female, butterfly handle	£17.09





## VALVES & VALVE BOXES

# Manual Isolating Valves

### Brass Gate Valves, female x female

Order code	Description	Price
IRR-BGV15	Brass gate valve female x female, ½" BSP	£6.93
IRR-BGV20	Brass gate valve female x female, ¾" BSP	£10.63
IRR-BGV25	Brass gate valve female x female, 1.0" BSP	£14.01
IRR-BGV32	Brass gate valve female x female, 1¼" BSP	£21.85
IRR-BGV40	Brass gate valve female x female, 1½" BSP	£27.69
IRR-BGV50	Brass gate valve female x female, 2.0" BSP	£44.17
IRR-BGV65	Brass gate valve female x female, 2½" BSP	£72.92
IRR-BGV80	Brass gate valve female x female, 3" BSP	£114.63
IRR-BGV100	Brass gate valve female x female, 4" BSP	£186.15



### PVC Double-union ball valves

Order code	Description	Price
IRR-DUBV020	Mega PVC Double union Ball Valve ¾" Female thread	£12.85
IRR-DUBV025	Mega PVC Double union Ball Valve 1" Female thread	£14.34
IRR-DUBV032	Mega PVC Double union Ball Valve 1¼" Female thread	£19.60
IRR-DUBV040	Mega PVC Double union Ball Valve 1½" Female thread	£20.73
IRR-DUBV050	Mega PVC Double union Ball Valve 2" Female thread	£30.96
IRR-DUBV080	Mega PVC Double union Ball Valve 3" Female thread	£163.31
IRR-DUBV100	Mega PVC Double union Ball Valve 4" Female thread	£187.46



### Wafer-style Butterfly Valves

Order code	Description	Price
IRR-BFV50	Butterfly Valve Cast Iron flanged wafer style 2"	£71.38
IRR-BFV65	Butterfly Valve Cast Iron flanged wafer style 3"	£81.54
IRR-BFV80	Butterfly Valve Cast Iron flanged wafer style 3"	£92.31
IRR-BFV100	Butterfly Valve Cast Iron flanged wafer style 4"	£121.09
IRR-BFV150	Butterfly Valve Cast Iron flanged wafer style 6"	£210.77



### Flanged Resilient Seated Gate Valves

Order code	Description	Price
IRR-RGV50	Resilient seated Gate Valve 2.0"	£130.01
IRR-RGV65	Resilient seated Gate Valve 2½"	£164.62
IRR-RGV80	Resilient seated Gate Valve 3"	£176.92
IRR-RGV100	Resilient seated Gate Valve 4"	£232.31
IRR-RGV125	Resilient seated Gate Valve 5"	£360.00
IRR-RGV150	Resilient seated Gate Valve 6"	£443.08



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## VALVES & VALVE BOXES

# Non-return Check Valves

### Non-Return Brass Spring Check Valves

These brass non-return check valves have a spring-loaded check valve inside to prevent water from returning against the current. These valves are used extensively in systems that use pump or mains pressure. They are not designed for gravity systems

Order code	Description	Price
IRR-BSCV050	Brass non-return spring check valve ½" BSP	£6.84
IRR-BSCV075	Brass non-return spring check valve ¾" BSP	£9.47
IRR-BSCV100	Brass non-return spring check valve 1" BSP	£12.00
IRR-BSCV125	Brass non-return spring check valve 1¼" BSP	£17.85
IRR-BSCV150	Brass non-return spring check valve 1½" BSP	£26.46
IRR-BSCV200	Brass non-return spring check valve 2" BSP	£36.47
IRR-BSCV300	Brass non-return spring check valve 3" BSP	£95.86
IRR-BSCV400	Brass non-return spring check valve 4" BSP	£167.69



### Screens for Non-Return Check Valves

These screw directly into the above non-return spring check valve. Use them as foot valve screens if you're sucking water from a tank or a pond. Constructed of 304 stainless steel and a plastic threaded connection.

Order code	Description	Price
IRR-BSTRAINER050	Stainless strainer for non-return foot valve ½" BSP	£1.44
IRR-BSTRAINER075	Stainless strainer for non-return foot valve ¾" BSP	£1.61
IRR-BSTRAINER100	Stainless strainer for non-return foot valve 1" BSP	£1.85
IRR-BSTRAINER125	Stainless strainer for non-return foot valve 1¼" BSP	£2.63
IRR-BSTRAINER150	Stainless strainer for non-return foot valve 1½" BSP	£3.15
IRR-BSTRAINER200	Stainless strainer for non-return foot valve 2" BSP	£4.07
IRR-BSTRAINER300	Stainless strainer for non-return foot valve 3" BSP	£9.47
IRR-BSTRAINER400	Stainless strainer for non-return foot valve 4" BSP	£12.69



### Flanged Ball Non-Return Valves

Ductile Iron, epoxy coated flanged non-return ball valves. Rated to 10 bar. Great for larger systems to prevent the water from returning. The ball can be removed for maintenance and in the event of a blockage.

Order code	Description	Price
IRR-FBCV200	Flanged ball check valve ductile iron 2" (50mm) 4 flange holes	£133.40
IRR-FBCV300	Flanged ball check valve ductile iron 3" (80mm) 8 flange holes	£190.77
IRR-FBCV400	Flanged ball check valve ductile iron 4" (100mm) 8 flange holes	£252.31
IRR-FBCV500	Flanged ball check valve ductile iron 5" (125mm) 8 flange holes	£378.46
IRR-FBCV600	Flanged ball check valve ductile iron 6" (150mm) 8 flange holes	£486.15
IRR-FBCV800	Flanged ball check valve ductile iron 8" (200mm) 8 flange holes	£975.38







## VALVES & VALVE BOXES

# DV Solenoid Valves

### DV Solenoid Valves for landscape projects

For a quality landscape and garden solenoid valve, the Rainbird DV valve is unrivalled in the industry.

The DV Valve is available in ¾" BSP and 1" BSP and is designed with landscape irrigation in mind. It is simple and yet extremely reliable. Available with Flow-Control (F) if you want that extra bit of control. For operating pressures between 1 and 10.4 bar, it even has a tiny 200-micron filter built into it to protect its diaphragm from getting blocked up. If you want reliability in your landscape and garden projects, then the DV solenoid valve should be your first choice.



### DV Solenoid Valve: 24 vac, use with an irrigation controller

Order code	Rain Bird Ref.	Description	Price
RB-B72110	075DV	¾" BSP female threaded DV solenoid valve, 24 VAC	£33.50
RB-B70211	100DV	1" BSP female threaded DV solenoid valve, 24 VAC	£33.50
RB-B70500	100DVMM	1" male threaded DV solenoid valve, 24 VAC	£33.50
RB-B70311	100DVF	1" BSP female threaded DV solenoid valve with flow control, 24 VAC	£42.59

### Use the 9 volt DC Latching option below for battery timers

Order code	Rain Bird Ref.	Description	Price
RB-B70540	100DVMM 9V	1" male threaded DV solenoid valve, 9V solenoid	£53.75

### DV DRIP: Low Flow Valves for drip systems

Order code	Rain Bird Ref.	Description	Price
X12100	LFV075	DV Drip 24 VAC Low flow valve ¾" female	£29.67
X12105	LFV0759V	DV Drip 9V Low flow valve ¾" female	£46.70

### Useful Accessories

Order code	Rain Bird Ref.	Description	Price
L63000	KING	Connector for Max 2 wires 2.5 mm <sup>2</sup> or 3 wires 1.5 mm <sup>2</sup> (30V max)	£1.39
236632	DBM10	Connector for Max 3 wires 1.5 mm <sup>2</sup> (600V max)	£1.93
20858801	RPKSOLENOI	Replacement solenoid coil DV/DVF/JTV - 24V	£22.93
K80920	K80920	Replacement 9V latching solenoid for DV, JTV, PGA, PEB, PESB, BPE and BPES	£42.70
21074603	RPKDIAPHRE	Replacement diaphragm kit 075/100 -DV/DVF	£26.05





## VALVES & VALVE BOXES

# HV Solenoid Valves



### HV Solenoid Valves for gardens & landscape irrigation systems

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 landscape and residential watering systems. It is very cost effective while maintaining the Rainbird 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.

Order code	Rain Bird Ref.	Description	Price
RB-H01000	100HV	100HV: 1" BSP female threaded Rainbird HV Solenoid valve (H01000), complete with standard 24vac coil. Can be used on standard wall-mounted irrigation controllers.	<b>£20.77</b>
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	<b>£20.77</b>
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	<b>£24.20</b>
RB-H01040	100HVBSP9V	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	<b>£38.48</b>
RB-H05040	100HV9VMM-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	<b>£38.48</b>

### Useful Accessories

Order code	Description	Price
RB-L63000	King wire connector for maximum 2 wires at 2.5mm or 3 wires at 1.5mm thickness.	<b>£1.39</b>
RB-236632	Connector for maximum 3 wires; great for the common cable joints.	<b>£1.93</b>
RB-236307	Replacement solenoid coil 24 vac for HV solenoid valve	<b>£16.12</b>



## VALVES & VALVE BOXES

# PGA Commercial Solenoid Valve



This is the Rain Bird work-horse of commercial grade solenoid valves. Use these on large landscape projects, sports pitches, golf course retrofits 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 use the 9-volt DC latching option.

These valves are rated to 10 bar (145 psi).

Order code	Rain Bird Ref.	Description	Price
RB-B31410	100PGA	100PGA globe/angle solenoid valve, 1" BSP female, 24 VAC	<b>£57.19</b>
RB-B31510	150PGA	150PGA globe/angle solenoid valve, 1½" BSP female, 24 VAC	<b>£93.21</b>
RB-B31610	200PGA	200PGA globe/angle solenoid valve, 2" BSP female, 24 VAC	<b>£131.15</b>

## Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-B31440	100PGA 9V	100PGA globe/angle solenoid valve, 1" BSP female, 9V latching coil	<b>£84.28</b>
RB-B31540	150PGA 9V	150PGA solenoid valve, 1½" BSP female, with 9V latching solenoid	<b>£118.54</b>
RB-B31640	200PGA 9V	200PGA solenoid globe/angle valve, 2" BSP female, 9V latching coil	<b>£148.01</b>

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## VALVES & VALVE BOXES

# PEB & PESB Solenoid Valves

The Rainbird PEB solenoid valve is the top-of-the-range solenoid valve for sports & golf irrigation applications. Constructed of glass filled nylon, it can withstand pressures up to 13.8 bar (200psi). Stainless steel studs are moulded into the body so if you need to remove the bonnet, the nuts won't fall out. It can also operate at a wider range of flow rates than other valves. If you have dirty water, choose the PESB model; it contains a scrubber which keeps the inlet water into the diaphragm clean via a small filter; the scrubber scrapes debris off this screen during operation to prevent these debris from clogging the filter and causing problems. If you're using mains water for your irrigation system then the PEB model will be perfect.

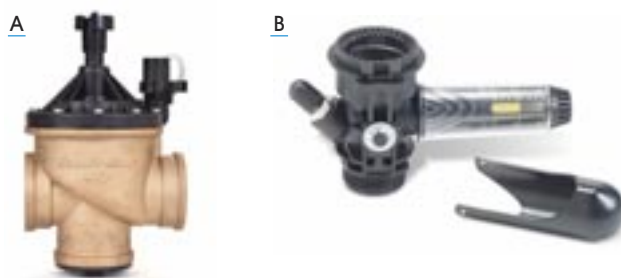


### PEB Solenoid Valves:

Order code	Rain Bird Ref.	Description	Price
RB-B34073	100PEB	100PEB globe/angle valve, 1" BSP female, 24 VAC. For flow rates up to 9 m <sup>3</sup> /hour (150 lpm)	£100.57
RB-B34083	150PEB	150PEB globe/angle valve, 1½" BSP female, 24 VAC For flow rates up to 33 m <sup>3</sup> /hour (550 lpm)	£133.86
RB-B34093	200PEB	200PEB globe/angle valve, 2" BSP female, 24 VAC For flow rates up to 45m <sup>3</sup> /hour (750 lpm)	£197.98

### PESB Solenoid Valves:

Order code	Rain Bird Ref.	Description	Price
RB-B37073	100PESB	100PESB globe/angle valve, 1" BSP female, 24 VAC	£211.25
RB-B37083	150PESB	150PESB globe/angle valve, 1½" BSP female, 24 VAC	£258.32
RB-B37102	200PESB	200PESB globe/angle valve, 2" BSP female, 24 VAC	£323.88
RB-B38213	300BPES	300BPES 3" BSP female threaded Brass valve w/ flow control & scrubber, 24V. Rated to 13.8 bar. Flow rate up to 68 m <sup>3</sup> /hour (1130 lpm). (image A)	£1,600.06



### Useful Accessories

Order code	Rain Bird Ref.	Description	Price
RB-B33135	PRSDial	Pressure regulator for PGA, PEB, PESB, BPE, & BPES (image B)	£99.71
RB-WC100	WCUL100	Connector for Max 3 wires 4 mm <sup>2</sup> (600V max)	£2.83
RB-MW9999	WIRE STRIPPER	Wire Stripper Tool	£46.31
RB-236239	SOLASSG4	G4 Solenoid 24V for PGA, PEB and BPES valves	£60.76
RB-K80920	K80920	9V latching solenoid for DV, JTV, PGA, PEB, PESB, BPE and BPES	£42.70
RB-208143	DIASPEPRS	Diaphragm kit 100-PE/PEB	£70.33
RB-236482	150PE DIBO	New Diaphragm and Bonnet assy for 150PEB*	£101.33
RB-23648401	15PESBDIBO	New Diaphragm and Bonnet assy for 150PESB*	£179.74
RB-236483	20PEBDIBO	New Diaphragm and Bonnet assy for 200PEB*	£117.05
RB-23648501	20PESBDIBO	New Diaphragm and Bonnet assy for 200PESB*	£218.79

\* both have to be changed on existing valves



## VALVES & VALVE BOXES

# Golf GSV Solenoid Valves

The Rainbird GSV solenoid valve is the top-of-the-range solenoid valve designed for golf irrigation applications. This valve comes complete with a PRS-Dial mounted on a PESB solenoid valve so it can operate reliably in relatively dirty water; it contains a scrubber which keeps the inlet water into the diaphragm clean via a small filter; the scrubber scrapes debris off this screen during operation to prevent these debris from clogging the filter and causing problems. Constructed of glass filled nylon, these valves can withstand pressures up to 13.8 bar (200psi). Stainless steel studs are moulded into the body so if you need to remove the bonnet, the nuts won't fall out. It can also operate at a wider range of flow rates than other valves. GSV Solenoid Valves



Order code	Rain Bird Ref.	Description	Price
RB-GSV101	I100PESBG	GOLF 100-PES-B-G, BSP Valve with GBS25, PRS-Dial, and extra purple handle	<b>£238.63</b>
RB-GSV151	I150PESBG	GOLF 150-PES-B-G, BSP VALVE WITH GBS25, PRS-DIAL, AND EXTRA PURPLE HANDLE	<b>£248.99</b>
RB-GSV201	I200PESBG	GOLF 200-PES-B-G, BSP Valve with GBS25, PRS-Dial, and extra purple handle	<b>£337.18</b>
RB-GSV211	I200EFBCPG	GOLF 200-EFB-CP-G, BSP Brass Valve with GBS25, PRS-Dial, and extra purple handle (image A)	<b>£542.27</b>

A



## Useful Accessories

Order code	Rain Bird Ref.	Description	Price
WC100	WCUL100	Connector for Max 3 wires 4 mm <sup>2</sup> (600V max)	<b>£2.83</b>
MW9999	WIRE STRIPPER	Wire Stripper Tool	<b>£46.31</b>
213462C	GBS25	Solenoid kit for Golf Rotor Assemblies (GBS25, filter, O-ring)	<b>£46.21</b>
RB-23648401	15PESBDIBO	New Diaphragm and Bonnet assy for 150PESB (both have to be changed on existing valves)	<b>£179.74</b>
RB-23648501	20PESBDIBO	New Diaphragm and Bonnet assy for 200PESB (both have to be changed on existing valves)	<b>£218.79</b>





## VALVES & VALVE BOXES

# PRS Dial

### Pressure regulator for solenoid valves

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 many instances, especially on golf courses and sports pitches, individual control of a solenoid station's downstream pressure can have huge advantages. For starters it means that you can adjust each solenoid station's downstream pressure to match the sprinkler you are operating. For example on a green you might want 5 bar operating pressure for your Eagle rotors, but on your tees you would be better operating at around 3 bar for your Rain Bird 5004 pop-ups. 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 means the emitters & sprinklers will 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 that 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, GSV.  
Pressure regulation: 1.04 bar to 6.9 bar  
Required incoming pressure: 1.04 bar higher than the required outlet pressure.

Order code	Rain Bird Ref.	Description	Price
RB-B33135	PRSDial	PRSDial Pressure regulator for PGA, PEB, PESB solenoid valves	£99.71



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## VALVES & VALVE BOXES

# Solenoid Manifolds 1200 & 1300 Series

### Rain Bird Solenoid 1" landscape 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 screw 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.

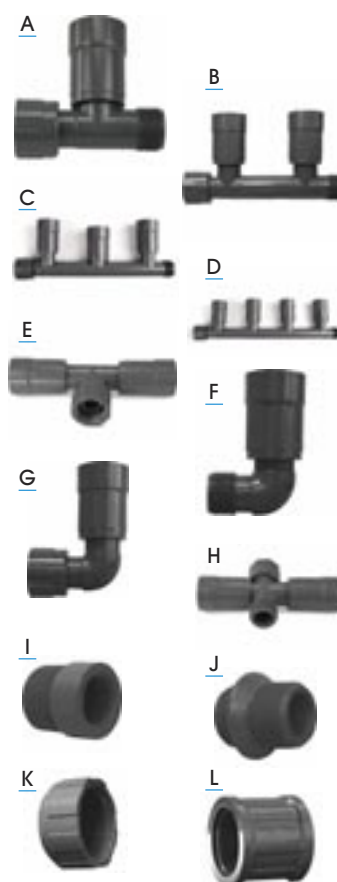


### 1200 Series Manifold Fittings

(use these for male-threaded solenoid valves)

Designed for male-threaded solenoid valves:

Order code	Rain Bird Ref.	Description	Price
RB-V54262	RB1201010	PVC Union Tee manifold 1"F x 1"M-1 outlet: 1"F ( <i>image A</i> )	<b>£8.05</b>
RB-V54263	RB1201210	PVC 2-outlet Manifold 1"F x 1"M-2 outlets: 1"F ( <i>image B</i> )	<b>£15.34</b>
RB-V54264	RB1201310	PVC 3-outlet manifold 1"F x 1"M-3 outlets: 1"F ( <i>image C</i> )	<b>£22.98</b>
RB-V54265	RB1201410	PVC 4-outlet manifold 1"F x 1"M-4 outlets: 1"F ( <i>image D</i> )	<b>£30.60</b>
RB-V54266	RB1203010	PVC Tee double Swivel 1"F-2 opposite outlets: 1"F x 1"F ( <i>image E</i> )	<b>£11.29</b>
RB-V54268	RB1206010	PVC Union Elbow 1"M x 1"F ( <i>image F</i> )	<b>£6.65</b>
RB-V54269	RB1212010	PVC Union Elbow 1"F x 1"F ( <i>image G</i> )	<b>£7.52</b>
RB-V54270	RB1220010	PVC Union Cross 1"F x 1"M-2 opposite outlets: 1"F ( <i>image H</i> )	<b>£10.58</b>
RB-V54277	RB1239131	PVC Adapter 1"M x 3/4"F ( <i>image I</i> )	<b>£2.26</b>
RB-V54278	RB1282010	PVC Adapter 1"M x 1"M ( <i>image J</i> )	<b>£2.10</b>
RB-V54280	RB1348010	PVC Cap 1"F ( <i>image K</i> )	<b>£1.73</b>
RB-V54305	RB1330010	PVC Coupling 1"F x 1"F ( <i>image L</i> )	<b>£1.93</b>



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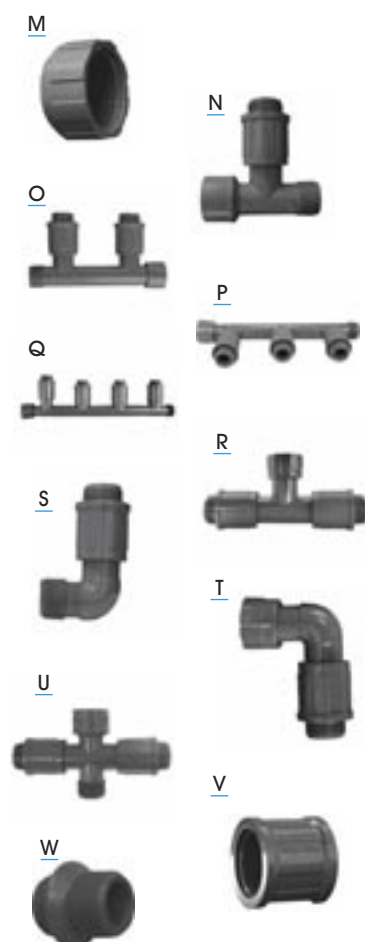
## VALVES & VALVE BOXES

# Solenoid Manifolds 1200 & 1300 Series

### 1300 Series Manifold Fittings

Use these for female-threaded solenoid valves:

Order code	Rain Bird Ref.	Description	Price
RB-V54280	RB1348010	PVC Cap 1"F (image M)	<b>£1.73</b>
RB-V54281	RB1301010	PVC Union Tee manifold 1"F x 1"M-1 outlet: 1"M (image N)	<b>£7.96</b>
RB-V54282	RB1301210	PVC 2-outlet Manifold 1"F x 1"M-2 outlets: 1"M (image O)	<b>£15.34</b>
RB-V54283	RB1301310	PVC 3-outlet Manifold 1"F x 1"M-3 outlets: 1"M (image P)	<b>£22.98</b>
RB-V54284	RB1301410	PVC 4-outlet Manifold 1"F x 1"M-4 outlets: 1"M (image Q)	<b>£30.60</b>
RB-V54285	RB1303010	PVC Tee double Swivel 1"F inlet-2 opposite outlets: 1"M (image R)	<b>£11.15</b>
RB-V54287	RB1306010	PVC Union Elbow: 1"M X 1"M (image S)	<b>£6.65</b>
RB-V54288	RB1312010	PVC Union Elbow: 1"M X 1"F (image T)	<b>£7.43</b>
RB-V54289	RB1320010	PVC Union Cross 1"F x 1"M-2 opposite outlets: 1"M (image U)	<b>£10.51</b>
RB-V54305	RB1330010	PVC Coupling 1"F x 1"F (image V)	<b>£1.93</b>
RB-V54278	RB1282010	PVC Adapter 1"M x 1"M (image W)	<b>£2.10</b>



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## VALVES & VALVE BOXES

# Landscape Pressure Regulators

### 3/4" Landscape Inline Pressure Regulators

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 3/4" 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:



Order code	Rain Bird Ref.	Description	Price
RB-A8860015	PSIM15	1 bar pressure regulator	£12.11
RB-A8860020	PSIM20	1.40 bar pressure regulator	£12.11
RB-A8860025	PSIM25	1.75 bar pressure regulator	£12.11
RB-A8860030	PSIM30	2.10 bar pressure regulator	£12.11
RB-A8860040	PSIM40	2.80 bar pressure regulator	£12.11
RB-A8860050	PSIM50	3.50 bar pressure regulator	£12.11

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## VALVES & VALVE BOXES

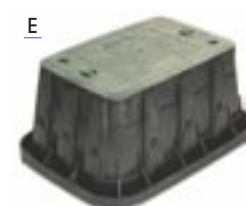
# Valve Boxes for Golf & Sports

### Rain Bird Valve Boxes for Golf & Sports

Hide all your solenoid valves, isolating valves and cable connections under the ground in valve boxes. These boxes are designed to take the weight of machinery driving over them. Our commercial grade Rain Bird valve boxes come complete with body and lid. If you need something deeper, use the appropriate extension. Replacement lids are listed below.

All Rain Bird Golf valve boxes are made from 100% recycled plastic.

Order code	Rain Bird Ref.	Description	Price
RB-G11480	GVB7RNDGR	7" round reinforced valve box, 9" round base, 9" deep. Use for taps & hand-watering points. <i>(image A)</i>	<b>£17.45</b>
RB-G11450	GVB10RNDGR	10" round heavy-duty valve box, 13.7" round at the base, 10" high. Use this box for larger isolating valves and single 1" solenoid valves. <i>(image B)</i>	<b>£25.14</b>
RB-G11400	GVBSTDGR	STANDARD heavy-duty valve box; 22" long x 16.6" wide, 12" deep. Use as a standard solenoid valve box for 1-2 valves; it is long enough to fit an isolating valve & manual watering point. <i>(image C)</i>	<b>£43.97</b>
RB-G11430	GVBJMBGR	JUMBO heavy-duty valve box; 26" long x 20" wide x 12" deep. Use this box for 3 solenoid valves on a manifold and a manual watering point. <i>(image D)</i>	<b>£70.20</b>
RB-A61473	VBSPRH	SUPER JUMBO heavy-duty valve box. Black body and green lid. 14 knock-outs. 2 hex bolts Length x Width x Height = 84.1 x 60.6 x 45.7 cm (33" long x 23.6" wide x 17.7" deep). Use this box when you need a box that is deeper than the Jumbo <i>(image E)</i>	<b>£265.66</b>
RB-A61483	VBMAXH	MAXI JUMBO valve box. Black body and green lid with 2 hex bolts. 18 knock outs. L x W x H = 102.5 x 68.9 x 45.7 cm. A gigantic box and is designed to hide some serious hardware underneath.	<b>£478.38</b>



### Valve Box Extensions (image F)

Order code	Rain Bird Ref.	Description	Price
RB-A11420	VBSTD6EXTB	STANDARD EXTENSION 6" deep; extension for the Standard heavy-duty valve box. Black body without lid. L50.8 x W37.5 x H17.1cm. Use this underneath a standard heavy-duty valve box to make it 6" deeper (total depth will become 18")	£35.22
RB-A11445	VBJMB6EXTB	JUMBO EXTENSION 6" deep; extension for the Jumbo heavy-duty valve box. Black body without lid. L62cm x W45.5 x H17.1cm. Use this underneath a Jumbo heavy-duty valve box to make it 6" deeper (total depth will become 18").	£52.02

### Valve Box Replacement Lids (image G)

Our valve boxes come with lids, but there are times when lids get lost, stolen or broken. Use these replacement lids.

Order code	Rain Bird Ref.	Description	Price
RB-A11454	VB10RNDL	Replacement lid for the VB10 round valve box.	£16.68
RB-A11404	VBSTD L	Replacement lid for Standard heavy duty rectangular valve box	£23.85
RB-A11434	VBJMB L	Replacement lid for Jumbo heavy duty rectangular valve box	£41.99





## VALVES & VALVE BOXES

# Valve Boxes for Gardens

### Valve Boxes for Garden Irrigation

Valve boxes are used to hide your solenoid valves & 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 your 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.

Order code	Rain Bird Ref.	Description	Price
RB-VBA17186	VBA17186	Round irrigation hydrant, 3/4" valve (image A)	<b>£34.76</b>
RB-VBA02672	VBA02672	7" Round valve box with bayonet-type cover - Ø20 base x Ø16 lid x H24 cm (image B)	<b>£7.40</b>
RB-VBA02673	VBA02673	10" Round valve box with clip-on cover - Ø33.5cm base x Ø24cm lid x H25.5 cm (image C)	<b>£15.73</b>
RB-VBA02674	VBA02674	Standard Rectangular Valve box with bolt lock cover - L50.5 x W37 x H30.5 cm (image D)	<b>£36.98</b>
RB-VBA02675	VBA02675	Jumbo Rectangular valve box with bolt lock cover - L63 x W48 x H30.5 cm (image E)	<b>£59.06</b>

### Garden Valve Box Extensions

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

Order code	Rain Bird Ref.	Description	Price
RB-VBA02676	VBA02676	Extension less cover for standard rectangular valve box VBA02674 - L39.5 x W27 x H18 cm (image F)	<b>£20.42</b>
RB-VBA07777	VBA07777	Extension less cover for jumbo rectangular valve box VBA02675 - L55 x W38 x H19 cm (image F)	<b>£27.95</b>

### Garden Valve Box Replacement Lids

Our valve boxes come with lids, but there are times when lids get lost, stolen or broken. Use these replacement lids.

Order code	Rain Bird Ref.	Description	Price
RB-VBA02674C	VBA02674C	Replacement cover only for Standard rectangular valve box VBA02674 (image G)	<b>£16.79</b>
RB-VBA02675C	VBA02675C	Replacement cover only for Jumbo rectangular valve box VBA02675 (image G)	<b>£23.36</b>



A



B



C



D



E



F



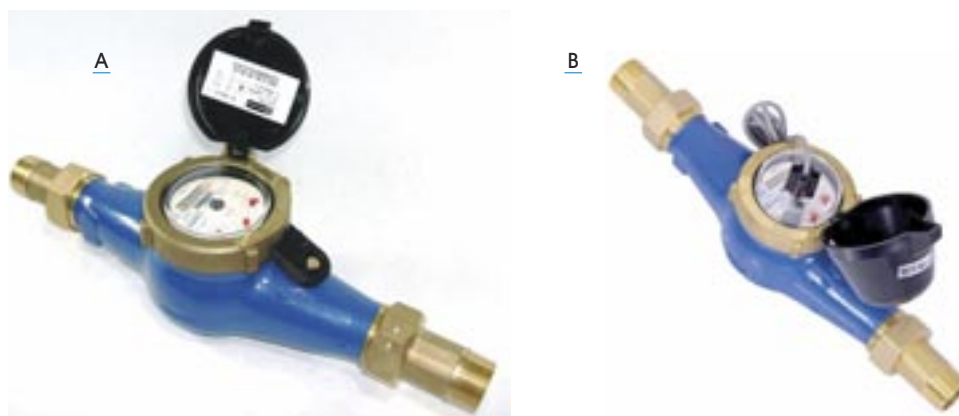
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## VALVES & VALVE BOXES

# Water Meters

Water meters are very handy devices. A water meter on your mainline will show you how much water you're using each irrigation session. When the system is supposedly turned off, the water meter will show you how much water you're losing through pipeline leaks. On some irrigation systems such as bowling clubs, the local water supplier might ask you to install a water meter so they can determine how much water you're using. Finally, if you are using mains water for irrigation you shouldn't be paying for the dirty water to be taken back off site; often the buying of the water is only about  $\frac{1}{3}$  of the total price you pay. The other  $\frac{2}{3}$  is a cost for them to treat the dirty water. If you are using the water solely for irrigation, you can ask your water provider to just charge you at the incoming cost; for this to happen you'll need a water meter on your irrigation main pipe to read how much water your irrigation system is using. For all water meters of the type we are offering you should install the water meter in a straight length of pipe; the rule of thumb is 5 x the diameter before the meter and 10 x the diameter after the meter. For example if your meter is 1½" diameter then allow no less than 8" upstream & no less than 15" downstream; this allows the water to go through the meter in a laminar flow, avoiding mis-reading that would be caused by turbulent flows. Standard Water Meters: (Image A) Use this if you don't need anything fancy, such as being able to provide a remote reading. Just choose the size of the meter based on what sized pipe you have.



Order code	Description	Price
IRR-WMD075	Arad water meter dry dial cast iron ¾"	£129.66
IRR-WMD100	Arad water meter dry dial cast iron 1"	£161.89
IRR-WMD125	Arad water meter dry dial cast iron 1¼"	£177.51
IRR-WMD150	Arad water meter dry dial cast iron 1½"	£340.83

### Water Meters with Pulse Output *(Image A)*

These are the same as above but come with a 4-20mA pulse reader and 1.5 metres of cable. These are useful for connecting to anything that can read the pulse.

Order code	Description	Price
IRR-WMD075P	Arad Water meter dry dial Cast iron ¾" complete with pulse output	£170.27
IRR-WMD100P	Arad Water meter dry dial Cast iron 1" complete with pulse output	£210.75
IRR-WMD125P	Arad Water meter dry dial Cast iron 1¼" complete with pulse output	£231.05
IRR-WMD150P	Arad Water meter dry dial Cast iron 1½" complete with pulse output	£389.96
IRR-WMD200P	Arad Water meter dry dial Cast iron 2" complete with pulse output	£491.93

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## PIPE & FITTINGS

# Irrigation Pipe

### Lateral Garden 16mm tube

This tube is used extensively in garden watering systems but please understand it will not cope with mains pressure. Use it downstream of your tap or solenoid valves. Connect your garden micro-sprinklers or dripline to it using our Rain Bird garden & lateral pipe fitting



Order code	Rain Bird Ref.	Description	Price
RB-X35492	DBL100	16mm Blank BLACK, 100 metre coil (image A)	<b>£65.91</b>
RB-X45009	XFD1600	16mm blank tubing BROWN, 100 metre coil (image B)	<b>£83.56</b>



### Black PE Pressure Pipe

Black PE pipe is the most predominant type of pipe used on golf courses, sports pitches and landscape irrigation system these days for good reason. It is easy to use, relatively cheap, and very resilient. Longevity is expected to be 20-50 years.

Use our Plasson compression fittings for this pipe; if you have an electrofusion machine you can use the electrofusion fittings.

Black PE pipe is recognised internationally to be designated for clean (but not potable) irrigation water. You should not use blue PE pipe for irrigation systems; blue means potable (drinkable) watermains.

### 20mm diameter Black PE Pipe (PE100, SDR11, 16 bar pressure-rated)

Order code	Description	Price
IRR-PE2050SDR11	50m coil	<b>£55.81</b>
IRR-PE20100SDR11	100m coil	<b>£111.60</b>
IRR-PE20150SDR11	150m coil	<b>£167.41</b>

### 32mm diameter Black PE Pipe (PE100, SDR11, 16 bar pressure-rated)

Order code	Description	Price
IRR-PE3206SDR11	6m straight length	<b>£13.56</b>
IRR-PE3250SDR11	50m coil,	<b>£112.97</b>
IRR-PE32100SDR11	100m coil	<b>£225.92</b>
IRR-PE32150SDR11	150m coil	<b>£338.89</b>

### 25mm diameter Black PE Pipe (PE100, SDR11, 16 bar pressure-rated)

Order code	Description	Price
IRR-PE2550SDR11	50m coil	<b>£68.05</b>
IRR-PE25100SDR11	100m coil	<b>£136.09</b>
IRR-PE25150SDR11	150m coil	<b>£204.14</b>

### 50mm diameter Black PE Pipe (PE100, SDR11, 16 bar pressure-rated)

Order code	Description	Price
IRR-PE5006SDR11	6m straight length	<b>£31.36</b>
IRR-PE5025SDR11	25m coil	<b>£130.65</b>
IRR-PE5050SDR11	50m coil	<b>£261.30</b>
IRR-PE50100SDR11	100m coil	<b>£522.60</b>
IRR-PE50150SDR11	150m coil	<b>£783.91</b>

\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytaylor.com](http://www.rigbytaylor.com) and insert the product **Order Code** (left hand column) into the "Enter your search item" box at the top of the Home page.



## PIPE & FITTINGS

# Irrigation Pipe

### 63mm diameter Black PE Pipe, (PE100, SDR11, 16 bar pressure-rated)

Order code	Description	Price
IRR-PE6306SDR11	6m straight length	<b>£49.66</b>
IRR-PE6325SDR11	25m coil	<b>£206.86</b>
IRR-PE6350SDR11	50m coil	<b>£413.73</b>
IRR-PE63100SDR11	100m coil	<b>£827.46</b>
IRR-PE63150SDR11	150m coil	<b>£1,241.18</b>

### 90mm diameter Black PE Pipe (PE100, SDR17, 10 bar pressure-rated)

Order code	Description	Price
IRR-PE9006SDR17	6m straight length	<b>£65.82</b>
IRR-PE9012SDR17	12m straight length	<b>£131.62</b>
IRR-PE9050SDR17	50m coil	<b>£548.47</b>
IRR-PE90100SDR17	100m coil	<b>£1,096.92</b>

### 110mm diameter Black PE Pipe (PE100, SDR17, 10 bar pressure-rated)

Order code	Description	Price
IRR-PE11006SDR17	6m straight length	<b>£97.66</b>
IRR-PE11012SDR17	12m straight length	<b>£195.31</b>
IRR-PE110050SDR17	50m coil	<b>£813.85</b>
IRR-PE110100SDR17	100m coil	<b>£1,627.69</b>

### 125mm diameter Black PE Pipe (PE100, SDR17, 10 bar pressure-rated)

Order code	Description	Price
IRR-PE12506SDR17	6m straight length	<b>£120.19</b>
IRR-PE12512SDR17	12m straight length	<b>£240.40</b>
IRR-PE125050SDR17	50m coil	<b>£1,001.66</b>
IRR-PE125100SDR17	100m coil	<b>£2,003.31</b>

\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytaylor.com](http://www.rigbytaylor.com) and insert the product **Order Code** (left hand column) into the "Enter your search item" box at the top of the Home page.



## PIPE & FITTINGS

# Hansen Nyglass Threaded Fittings

Hansen threaded fittings are constructed of glass reinforced nylon (nyglass), giving them exceptional strength & durability. These can be used in solenoid manifolds and anywhere else where you need a versatile, strong threaded fitting. Male threaded fittings have barrel threads.

### Threaded Tees



Order code	Description	Price
IRR-ST15	½" BSP	£3.34
IRR-ST20	¾" BSP	£4.02
IRR-ST25	1" BSP	£5.13
IRR-ST32	1¼" BSP	£5.68
IRR-ST40	1½" BSP	£6.92
IRR-ST50	2" BSP	£10.12

### Equal Sockets



Order code	Description	Price
IRR-SS15	½" BSP	£1.95
IRR-SS20	¾" BSP	£2.66
IRR-SS25	1" BSP	£3.29
IRR-SS32	1¼" BSP	£4.02
IRR-SS40	1½" BSP	£5.13
IRR-SS50	2" BSP	£6.89

### Threaded Elbows



Order code	Description	Price
IRR-SE15	½" BSP	£2.92
IRR-SE20	¾" BSP	£3.34
IRR-SE25	1" BSP	£4.02
IRR-SE32	1¼" BSP	£4.37
IRR-SE40	1½" BSP	£5.42
IRR-SE50	2" BSP	£7.81

### Male x Female Elbows



Order code	Description	Price
IRR-SMFE15	½" BSP	£2.92
IRR-SMFE20	¾" BSP	£3.34
IRR-SMFE25	1" BSP	£4.02
IRR-SMFE32	1¼" BSP	£5.55
IRR-SMFE40	1½" BSP	£6.42
IRR-SMFE50	2" BSP	£8.49

### Hex Nipples



Order code	Description	Price
IRR-SHN15	½" BSP	£1.16
IRR-SHN20	¾" BSP	£1.47
IRR-SHN25	1" BSP	£1.76
IRR-SHN32	1¼" BSP	£2.45
IRR-SHN40	1½" BSP	£2.84
IRR-SHN50	2" BSP	£3.79

### Reducing Hex Nipples



Order code	Description	Price
IRR-SRHN2015	¾" x ½" BSP (SRHN2015)	£1.47
IRR-SRHN2515	1" x ½" BSP	£1.76
IRR-SRHN2520	1" x ¾" BSP	£1.76
IRR-SRHN3220	1¼" x ¾" BSP	£2.45
IRR-SRHN3225	1¼" x 1" BSP (SRHN3225)	£2.45
IRR-SRHN4020	1½" x ¾" BSP (SRHN4020)	£5.36
IRR-SRHN4025	1½" x 1" BSP	£5.36
IRR-SRHN4032	1½" x 1¼" BSP	£5.36
IRR-SRHN5025	2" x 1" BSP	£7.15
IRR-SRHN5040	2" x 1½" BSP	£7.15





## PIPE & FITTINGS

# Hansen Nyglass Threaded Fittings

### Reducing Hex Sockets



Order code	Description	Price
IRR-SRS2015	3/4" x 1/2" BSP	£2.66
IRR-SRS2515	1" x 1/2" BSP	£3.29
IRR-SRS2520	1" x 3/4" BSP	£3.29
IRR-SRS3225	1 1/4" x 1" BSP	£4.02
IRR-SRS4020	1 1/2" x 3/4" BSP	£4.63
IRR-SRS4025	1 1/2" x 1" BSP	£4.63
IRR-SRS4032	1 1/2" x 1 1/4" BSP	£4.63
IRR-SRS5025	2" x 1" BSP	£6.68
IRR-SRS5040	2" x 1 1/2" BSP	£6.89

### Threaded Plugs (thread outside)



Order code	Description	Price
IRR-SP15	1/2" BSP	£0.82
IRR-SP20	3/4" BSP	£0.92
IRR-SP25	1" BSP	£1.16
IRR-SP32	1 1/4" BSP	£1.45
IRR-SP40	1 1/2" BSP	£1.81
IRR-SP50	2" BSP	£2.60

### Reducing Bushes



Order code	Description	Price
IRR-SRB1508	1/2" x 1/4" BSP	£2.31
IRR-SRB2008	3/4" x 1/4" BSP	£2.45
IRR-SRB2015	3/4" x 1/2" BSP	£2.02
IRR-SRB2508	1" x 1/4" BSP	£2.89
IRR-SRB2520	1" x 1/2" BSP	£2.45
IRR-SRB2520	1" x 3/4" BSP	£2.45
IRR-SRB3220	1 1/4" x 3/4" BSP	£2.92
IRR-SRB3225	1 1/4" x 1" BSP	£2.92
IRR-SRB4020	1 1/2" x 3/4" BSP	£4.08
IRR-SRB4025	1 1/2" x 1" BSP	£3.92
IRR-SRB4032	1 1/2" x 1 1/4" BSP	£3.92
IRR-SRB5025	2" x 1" BSP	£5.29
IRR-SRB5040	2" x 1 1/2" BSP	£5.29

### Threaded Barrel Unions



Order code	Description	Price
IRR-SBU15	1/2" BSP	£9.60
IRR-SBU20	3/4" BSP	£23.62
IRR-SBU25	1" BSP	£23.96
IRR-SBU32	1 1/4" BSP	£28.14
IRR-SBU40	1 1/2" BSP	£30.53
IRR-SBU50	2" BSP	£37.16

### Threaded Tank Outlets

These come complete with 2 rubber gaskets (on each side of the tank wall) and large flanges. Simply drill the hole through the tank wall, thread the fitting through the hole and tighten the tank outlet nut to provide you with a threaded connection inside and outside the tank



### Threaded Caps (thread inside)



Order code	Description	Price
IRR-SC15	1/2" BSP	£1.53
IRR-SC20	3/4" BSP	£1.76
IRR-SC25	1" BSP	£2.13
IRR-SC32	1 1/4" BSP	£3.23
IRR-SC40	1 1/2" BSP	£3.84
IRR-SC50	2" BSP	£4.87

Order code	Description	Price
IRR-HTFFTB15	1/2" BSP thread 16 bar	£8.02
IRR-HTFFTB20	3/4" BSP thread 16 bar	£8.10
IRR-HTFFTB25	1" BSP thread 16 bar	£9.68
IRR-HTFFTB32	1 1/4" BSP thread 16 bar	£14.57
IRR-HTFFTB40	1 1/2" BSP thread 16 bar	£19.25
IRR-HTFFTB50	2" BSP thread 16 bar	£24.35
IRR-HTFFTB80	3" BSP thread 16 bar	£127.86
IRR-HTFFTB100	4" BSP thread 16 bar	£168.36



## PIPE & FITTINGS

# GF+ Compression Fittings for PE Pipe

Georg Fisher is a Swiss based company that manufactures pipe fittings. Part of the range is their i-Joint compression fittings for PE pipe. These fittings have several great features making them easier to use than many other brands, including fast & easy installation, a lip gasket instead of a cumbersome o-ring, and an extremely high pull-out resistance which makes them safer and more reliable than most other brands.

Because the lip gasket inside the fitting gets squeezed when you tighten the big blue nut, the pipe is easily inserted into the fitting and then the lip seal compresses the lip gasket to make it virtually impossible to pull apart even under extreme pressure without dismantling.

GF+ compression fittings are designed for metric PE pipe (normally black pipe for irrigation or blue pipe for potable water mains). The diameter mentioned for the fitting corresponds to the outside diameter of the pipe.

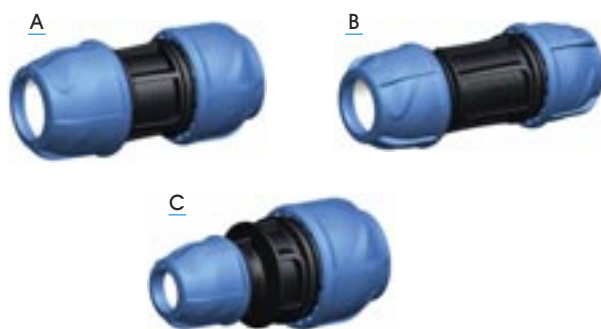
We also have the range of spare parts so if you lose a component or break it, you can buy a replacement. Please note that these replacement components are only for Georg Fisher compression fittings and are unlikely to work on other brands.

General Pressure Rating: 16 Bar

### Plain Couplers *(image A)*

Use these to join two straight lengths of PE pipe of the same diameter.

Order code	Description	Price
IRR-MDC20	20mm	£3.14
IRR-MDC25	25mm	£3.74
IRR-MDC32	32mm	£6.95
IRR-MDC40	40mm	£11.32
IRR-MDC50	50mm	£16.82
IRR-MDC63	63mm	£24.29
IRR-MDC75	75mm	£43.86
IRR-MDC90	90mm	£54.14
IRR-MDC110	110mm	£121.32



### Reducing Couplers *(image C)* (change from one pipe size to another in a straight line)

As the name implies, use these to change from one pipe size to another in a straight line.

### Slip Repair Couplers *(image B)*

Use these to repair a broken pipe; there is no internal middle ridge so the fitting can slide over the first pipe & then back across the second pipe)

Order code	Description	Price
IRR-MDREPC20	20mm	£5.53
IRR-MDREPC25	25mm	£6.38
IRR-MDREPC32	32mm	£10.46
IRR-MDREPC40	40mm	£16.91
IRR-MDREPC50	50mm	£23.26
IRR-MDREPC63	63mm	£27.37
IRR-MDREPC75	75mm	£53.42
IRR-MDREPC90	90mm	£67.98
IRR-MDREPC110	100mm	£139.29

Order code	Description	Price
IRR-MDRC2520	25mm x 20mm	£6.12
IRR-MDRC3220	32mm x 20mm	£8.08
IRR-MDRC3225	32mm x 25mm	£8.08
IRR-MDRC4025	40mm x 25mm	£13.77
IRR-MDRC4032	40mm x 32mm	£13.77
IRR-MDRC5032	50mm x 32mm	£17.84
IRR-MDRC5040	50mm x 40mm	£17.84
IRR-MDRC6332	63mm x 32mm	£25.32
IRR-MDRC6340	63mm x 40mm	£25.32
IRR-MDRC6350	63mm x 50mm	£25.32
IRR-MDRC7550	75mm x 50mm	£46.01
IRR-MDRC7563	75mm x 63mm	£46.01
IRR-MDRC9063	90mm x 63mm	£60.82
IRR-MDRC9075	90mm x 75mm	£60.82
IRR-MDRC11090	110mm x 90mm	£127.52



## PIPE & FITTINGS

# GF+ Compression Fittings for PE Pipe

### Plain Tees (image A)

This is the same size on all 3 outlets & is used to branch off your main direction.

Order code	Description	Price
IRR-MDT20	20mm	£5.90
IRR-MDT25	25mm	£7.77
IRR-MDT32	32mm	£12.61
IRR-MDT40	40mm	£20.83
IRR-MDT50	50mm	£28.16
IRR-MDT63	63mm	£40.13
IRR-MDT75	75mm	£69.70
IRR-MDT90	90mm	£96.37
IRR-MDT110	110mm	£187.68

### 90° Plain Elbows (image B)

This is just a plain elbow to join 2 lengths of pipe in a 90 degree corner. It prevents the pipe from "kinking" which would seriously impact on the flow of water.

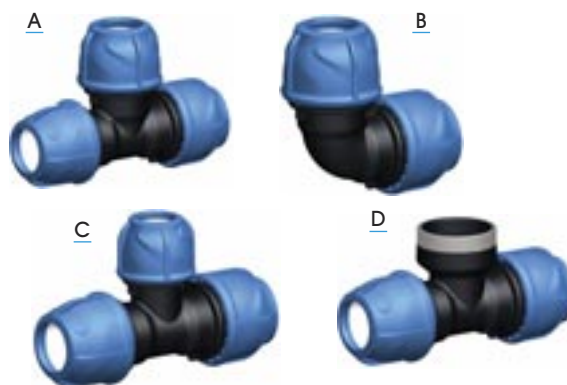
Order code	Description	Price
IRR-MDE20	20mm	£4.93
IRR-MDE25	25mm	£6.42
IRR-MDE32	32mm	£9.11
IRR-MDE40	40mm	£14.91
IRR-MDE50	50mm	£21.11
IRR-MDE63	63mm	£26.08
IRR-MDE75	75mm	£53.86
IRR-MDE90	90mm	£65.86
IRR-MDE110	110mm	£142.70

### Plain Reducing Tees (image C)

(the branch is a different size from the main):

In this instance this fitting is used to branch off from the main pipe in a different size. Note the first 2 fittings listed have the branch pipe BIGGER than the through pipe..

Order code	Description	Price
IRR-MDRT2025	20mm through x 25mm branch	£7.88
IRR-MDRT2532	25mm through x 32mm branch	£8.86
IRR-MDRT2520	25mm through x 20mm branch	£9.58
IRR-MDRT3225	32mm through x 25mm branch	£12.29
IRR-MDRT4032	40mm through x 32mm branch	£20.83
IRR-MDRT5032	50mm through x 32mm branch	£28.16
IRR-MDRT5040	50mm through x 40mm branch	£28.16
IRR-MDRT6332	63mm through x 32mm branch	£37.13
IRR-MDRT6350	63mm through x 50mm branch	£37.13
IRR-MDRT7563	75mm through x 63mm branch	£69.70



### Plain Reducing Tees (Contd.)

Order code	Description	Price
IRR-MDRT9075	90mm through x 75mm branch	£115.57
IRR-MDRT11063	110mm through x 63mm branch	£179.42
IRR-MDRT11090	110mm through x 90mm branch	£182.41

### Female Threaded Tees (image D) (the branch has an internal female thread):

This allows an offtake from the through-pipe for a male threaded fitting to connect into, such as a swing joint for a sprinkler.

Order code	Description	Price
IRR-MDFT20050	20mm x 1/2" BSP	£5.12
IRR-MDFT20075	20mm x 3/4" BSP	£5.12
IRR-MDFT25050	25mm x 1/2" BSP	£7.57
IRR-MDFT25075	25mm x 3/4" BSP	£7.57
IRR-MDFT25100	25mm x 1" BSP	£8.32
IRR-MDFT32050	32mm x 1/2" BSP	£9.99
IRR-MDFT32075	32mm x 3/4" BSP	£9.71
IRR-MDFT32100	32mm x 1" BSP	£9.71
IRR-MDFT32125	32mm x 1 1/4" BSP	£12.29
IRR-MDFT40075	40mm x 3/4" BSP	£19.48
IRR-MDFT40100	40mm x 1" BSP	£17.84
IRR-MDFT40125	40mm x 1 1/4" BSP	£17.84
IRR-MDFT40150	40mm x 1 1/2" BSP	£17.84
IRR-MDFT50100	50mm x 1" BSP	£23.82
IRR-MDFT50125	50mm x 1 1/4" BSP	£23.82
IRR-MDFT50150	50mm x 1 1/2" BSP	£23.82
IRR-MDFT50200	50mm x 2" BSP	£26.72
IRR-MDFT63125	63mm x 1 1/4" BSP	£35.87
IRR-MDFT63150	63mm x 1 1/2" BSP	£35.87
IRR-MDFT63200	63mm x 2" BSP	£34.19
IRR-MDFT75250	75mm x 2 1/2" BSP	£56.28
IRR-MDFT90300	90mm x 3" BSP	£87.45
IRR-MDFT110400	110mm x 4" BSP	£132.051



## PIPE & FITTINGS

# GF+ Compression Fittings for PE Pipe

### Male Threaded Tees (image A)

(the branch has an external male thread):

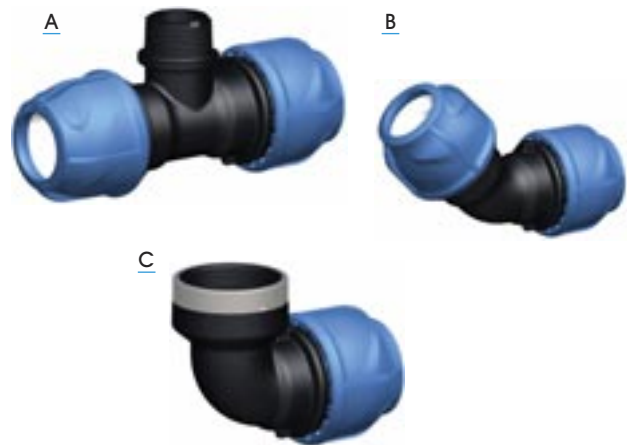
As above, the offtake has a male (external) thread so a female threaded isolating valve for example could thread straight onto this fitting.

Order code	Description	Price
IRR-MDMT20050	20mm x ½" BSP	£5.08
IRR-MDMT20075	20mm x ¾" BSP	£5.08
IRR-MDMT25050	25mm x ½" BSP	£7.35
IRR-MDMT25075	25mm x ¾" BSP	£7.35
IRR-MDMT25100	25mm x 1" BSP	£8.32
IRR-MDMT32075	32mm x ¾" BSP	£10.84
IRR-MDMT32100	32mm x 1" BSP	£10.18
IRR-MDMT40075	40mm x ¾" BSP	£17.84
IRR-MDMT40125	40mm x 1¼" BSP	£17.84
IRR-MDMT40150	40mm x 1½" BSP	£17.84
IRR-MDMT50075	50mm x ¾" BSP	£25.32
IRR-MDMT50125	50mm x 1¼" BSP	£24.12
IRR-MDMT50150	50mm x 1½" BSP	£24.12
IRR-MDMT63125	63mm x 1¼" BSP	£39.20
IRR-MDMT63150	63mm x 1½" BSP	£39.20
IRR-MDMT63200	63mm x 2" BSP	£39.20
IRR-MDMT63250	63mm x 2½" BSP	£49.01
IRR-MDMT75250	75mm x 2½" BSP	£62.60
IRR-MDMT75300	75mm x 3" BSP	£62.60
IRR-MDMT90300	90mm x 3" BSP	£78.15
IRR-MDMT110400	110mm x 4" BSP	£100.05

### 45° Plain Elbows (image B)

Pipe elbow in a 45 degree. Handy for tight situations where a minor directional change is needed.

Order code	Description	Price
IRR-MDE2045	20mm	£4.45
IRR-MDE2545	25mm	£7.32
IRR-MDE3245	32mm	£10.32
IRR-MDE4045	40mm	£16.90
IRR-MDE5045	50mm	£24.04
IRR-MDE6345	63mm	£32.57



### 90° Female Elbows (image C)

In this instance we have the pipe coming in one side, and then a female thread coming out at a 90 degree angle.

Order code	Description	Price
IRR-MDFE20050	20mm x ½"	£3.70
IRR-MDFE20075	20mm x ¾"	£3.70
IRR-MDFE25050	25mm x ½"	£4.88
IRR-MDFE25075	25mm x ¾"	£4.80
IRR-MDFE25100	25mm x 1"	£4.80
IRR-MDFE32050	32mm x ½"	£6.58
IRR-MDFE32075	32mm x ¾"	£6.36
IRR-MDFE32100	32mm x 1"	£6.36
IRR-MDFE32125	32mm x 1¼"	£9.02
IRR-MDFE40075	40mm x ¾"	£12.61
IRR-MDFE40100	40mm x 1"	£12.29
IRR-MDFE40125	40mm x 1¼"	£12.29
IRR-MDFE40150	40mm x 1½"	£12.29
IRR-MDFE50100	50mm x 1"	£16.44
IRR-MDFE50125	50mm x 1¼"	£16.44
IRR-MDFE50150	50mm x 1½"	£16.44
IRR-MDFE50200	50mm x 2"	£16.44
IRR-MDFE63125	63mm x 1¼"	£22.28
IRR-MDFE63150	63mm x 1½"	£22.28
IRR-MDFE63200	63mm x 2"	£22.28
IRR-MDFE75200	75mm x 2"	£38.58
IRR-MDFE75250	75mm x 2½"	£38.58
IRR-MDFE75300	75mm x 3"	£38.58
IRR-MDFE90300	90mm x 3"	£73.85
IRR-MDFE110400	110mm x 4"	£121.63

\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytaylor.com](http://www.rigbytaylor.com) and insert the product Order Code (left hand column) into the "Enter your search item" box at the top of the Home page.



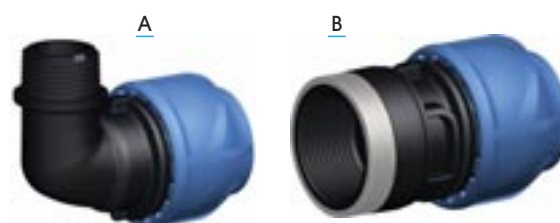
## PIPE & FITTINGS

# GF+ Compression Fittings for PE Pipe

### 90° Male Elbows *(image A)*

In this instance we have the pipe coming in one side, and then a male thread coming out at a 90 degree angle.

Order code	Description	Price
IRR-MDME20050	20mm x ½"	£2.99
IRR-MDME20075	20mm x ¾"	£2.99
IRR-MDME25050	25mm x ½"	£3.59
IRR-MDME25075	25mm x ¾"	£3.59
IRR-MDME25100	25mm x 1"	£3.59
IRR-MDME32050	32mm x ½"	£4.71
IRR-MDME32075	32mm x ¾"	£4.71
IRR-MDME32100	32mm x 1"	£4.71
IRR-MDME40100	40mm x 1"	£8.53
IRR-MDME40125	40mm x 1¼"	£8.53
IRR-MDME40150	40mm x 1½"	£8.53
IRR-MDME50125	50mm x 1¼"	£9.68
IRR-MDME50150	50mm x 1½"	£11.68
IRR-MDME63125	63mm x 1¼"	£16.22
IRR-MDME63150	63mm x 1½"	£16.22
IRR-MDME63200	63mm x 2"	£16.22
IRR-MDME63250	63mm x 2½"	£16.22
IRR-MDME75250	75mm x 2½"	£34.52
IRR-MDME75300	75mm x 3"	£34.52
IRR-MDME90300	90mm x 3"	£47.11
IRR-MDME90400	90mm x 4"	£47.11
IRR-MDME110300	110mm x 3"	£80.47
IRR-MDME110400	110mm x 4"	£80.47



### Female Straight Couplers *(image B)*

Pipe comes into the fitting, and a female thread is on the other end, facing straight through.

Order code	Description	Price
IRR-MDFC20050	20mm x ½"	£2.80
IRR-MDFC20075	20mm x ¾"	£2.80
IRR-MDFC25050	25mm x ½"	£3.03
IRR-MDFC25075	25mm x ¾"	£3.87
IRR-MDFC25100	25mm x 1"	£3.87
IRR-MDFC32075	32mm x ¾"	£4.90
IRR-MDFC32100	32mm x 1"	£4.90
IRR-MDFC32125	32mm x 1¼"	£5.79
IRR-MDFC40100	40mm x 1"	£8.08
IRR-MDFC40125	40mm x 1¼"	£9.67
IRR-MDFC40150	40mm x 1½"	£9.67
IRR-MDFC50100	50mm x 1"	£12.42
IRR-MDFC50125	50mm x 1¼"	£12.42
IRR-MDFC50150	50mm x 1½"	£12.42
IRR-MDFC50200	50mm x 2"	£12.42
IRR-MDFC63150	63mm x 1½"	£17.42
IRR-MDFC63200	63mm x 2"	£17.42
IRR-MDFC63250	63mm x 2½"	£17.42
IRR-MDFC75200	75mm x 2"	£33.77
IRR-MDFC75250	75mm x 2½"	£33.77
IRR-MDFC75300	75mm x 3"	£33.77
IRR-MDFC90200	90mm x 2"	£40.13
IRR-MDFC90250	90mm x 2½"	£40.13
IRR-MDFC90300	90mm x 3"	£40.13
IRR-MDFC110300	110mm x 3"	£94.96
IRR-MDFC110400	110mm x 4"	£94.96

\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytaylor.com](http://www.rigbytaylor.com) and insert the product **Order Code** (left hand column) into the "Enter your search item" box at the top of the Home page.





## PIPE & FITTINGS

# GF+ Compression Fittings for PE Pipe



### Male Straight Couplers (image A)

Pipe comes into the fitting, and a male thread is on the other end, facing straight through.

Order code	Description	Price
IRR-MDMC20050	20mm x 1/2"	£2.85
IRR-MDMC20075	20mm x 3/4"	£2.85
IRR-MDMC20100	20mm x 1"	£3.51
IRR-MDMC25050	25mm x 1/2"	£3.74
IRR-MDMC25075	25mm x 3/4"	£3.74
IRR-MDMC25100	25mm x 1"	£3.74
IRR-MDMC32075	32mm x 3/4"	£4.81
IRR-MDMC32100	32mm x 1"	£4.81
IRR-MDMC32125	32mm x 1 1/4"	£5.27
IRR-MDMC32150	32mm x 1 1/2"	£5.27
IRR-MDMC40100	40mm x 1"	£8.78
IRR-MDMC40125	40mm x 1 1/4"	£8.78
IRR-MDMC40150	40mm x 1 1/2"	£8.78
IRR-MDMC40200	40mm x 2"	£9.25
IRR-MDMC50100	50mm x 1"	£11.49
IRR-MDMC50125	50mm x 1 1/4"	£11.49
IRR-MDMC50150	50mm x 1 1/2"	£11.49
IRR-MDMC50200	50mm x 2"	£11.49
IRR-MDMC63150	63mm x 1 1/2"	£16.44
IRR-MDMC63200	63mm x 2"	£16.44
IRR-MDMC63250	63mm x 2 1/2"	£16.44
IRR-MDMC75200	75mm x 2"	£32.60
IRR-MDMC75250	75mm x 2 1/2"	£32.60
IRR-MDMC75300	75mm x 3"	£32.60
IRR-MDMC90200	90mm x 2"	£38.58
IRR-MDMC90250	90mm x 2 1/2"	£38.58
IRR-MDMC90300	90mm x 3"	£38.58
IRR-MDMC90400	90mm x 4"	£40.59
IRR-MDMC110300	110mm x 3"	£76.14
IRR-MDMC110400	110mm x 4"	£76.14

### End Caps (image B)

Use these to terminate the end of a pipeline.

Order code	Description	Price
IRR-MDEC20	20mm	£3.27
IRR-MDEC25	25mm	£4.26
IRR-MDEC32	32mm	£5.14
IRR-MDEC40	40mm	£8.69
IRR-MDEC50	50mm	£12.84
IRR-MDEC63	63mm	£17.42
IRR-MDEC75	75mm	£41.53
IRR-MDEC90	90mm	£47.41
IRR-MDEC110	110mm	£75.81

### Flanged Adaptors (image C)

**With Metal Backing Plate** Handy for connecting the pipe to a flanged isolating valve or to a flanged pump inlet / outlet. These fittings DO NOT include the bolts etc., or the gasket.

Order code	Description	Price
IRR-MDFA50150	50mm pipe x 1 1/2" flange	£34.49
IRR-MDFA50200	50mm pipe x 2" flange	£34.49
IRR-MDFA63200	63mm pipe x 2" flange	£46.01
IRR-MDFA63250	63mm pipe x 2 1/2" flange	£51.62
IRR-MDFA75250	75mm pipe x 2 1/2" flange	£63.43
IRR-MDFA75300	6 75mm pipe x 3" flange	£68.57
IRR-MDFA90300	90mm pipe x 3" flange	£77.13
IRR-MDFA90400	6 90mm pipe x 4" flange	£88.75
IRR-MDFA110400	110mm pipe x 4" flange	£111.17

### Reduction Kits (image D)

Use these to reduce a GF+ compression fitting to another size. Handy for connecting the pipe to a flanged isolating valve or to a flanged pump inlet / outlet. Bolts etc., not included nor the gasket.

Order code	Description	Price
IRR-MDRS2520	From 25mm to 20mm	£8.03
IRR-MDRS3220	From 32mm to 20mm	£11.52
IRR-MDRS3225	From 32mm to 25mm	£11.52
IRR-MDRS4020	From 40mm to 20mm	£15.88
IRR-MDRS4025	From 40mm to 25mm	£15.88
IRR-MDRS4032	From 40mm to 32mm	£15.88
IRR-MDRS5025	From 50mm to 25mm	£16.57
IRR-MDRS5032	From 50mm to 32mm	£16.57
IRR-MDRS5040	From 50mm to 40mm	£16.57
IRR-MDRS6325	From 63mm to 25mm	£19.31
IRR-MDRS6332	From 63mm to 32mm	£19.31
IRR-MDRS6340	From 63mm to 40mm	£19.31
IRR-MDRS6350	From 63mm to 50mm	£19.31



## PIPE & FITTINGS

# GF+ Compression Fittings for PE Pipe

### GM+ Installation Tools

These are very handy for tightening the fitting onto the pipe. These are very handy tools, especially in the larger sized compression fittings.



Order code	Description	Price
IRR-WRENCH2040	For fittings 20-40mm	<b>£14.43</b>
IRR-WRENCH2075	For fittings 20-75mm	<b>£76.71</b>
IRR-WRENCH63110	For fittings 63-110mm	<b>£106.49</b>

### Spare Parts for GF+ Compression Fittings

#### Replacement Clamp Ring *(image A)*

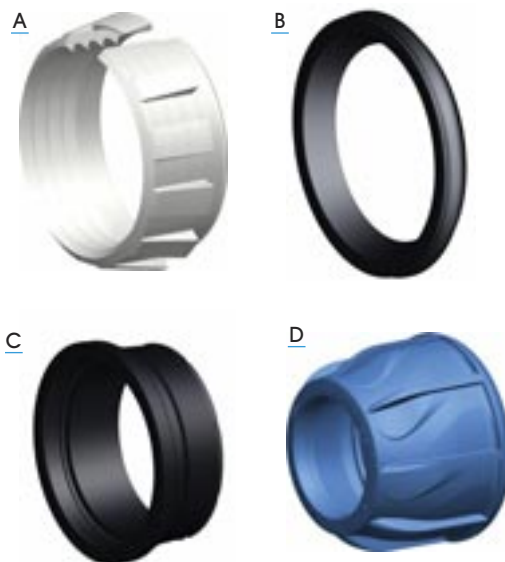
This is the white "toothed" bit that holds the pipe from pulling back out.

Order code	Description	Price
IRR-GFCL020	For 20mm	<b>£0.56</b>
IRR-GFCL025	For 25mm	<b>£0.75</b>
IRR-GFCL032	For 32mm	<b>£0.93</b>
IRR-GFCL040	For 40mm	<b>£1.80</b>
IRR-GFCL050	For 50mm	<b>£2.24</b>
IRR-GFCL063	For 63mm	<b>£3.74</b>
IRR-GFCL075	For 75mm	<b>£9.34</b>
IRR-GFCL090	For 90mm	<b>£12.21</b>
IRR-GFCL110	For 110mm	<b>£16.13</b>

#### Replacement Profile Gasket *(image B)*

This is the lip seal; the rubber ring that seals the joint once it's tightened up

Order code	Description	Price
IRR-GFPG020	For 20mm	<b>£1.31</b>
IRR-GFPG025	For 25mm	<b>£1.43</b>
IRR-GFPG032	For 32mm	<b>£1.43</b>
IRR-GFPG040	For 40mm	<b>£1.99</b>
IRR-GFPG050	For 50mm	<b>£2.43</b>
IRR-GFPG063	For 63mm	<b>£2.99</b>
IRR-GFPG075	For 75mm	<b>£3.30</b>
IRR-GFPG090	For 90mm	<b>£3.86</b>
IRR-GFPG110	For 110mm	<b>£4.86</b>



#### Replacement Thrust Ring *(image C)*

This is the lip seal; the rubber ring that seals the joint once it's tightened up

Order code	Description	Price
IRR-GFTR020	For 20mm	<b>£0.62</b>
IRR-GFTR025	For 25mm	<b>£0.81</b>
IRR-GFTR032	For 32mm	<b>£0.93</b>
IRR-GFTR040	For 40mm	<b>£1.87</b>
IRR-GFTR050	For 50mm	<b>£2.31</b>
IRR-GFTR063	For 63mm	<b>£3.86</b>
IRR-GFTR075	For 75mm	<b>£9.09</b>
IRR-GFTR090	For 90mm	<b>£11.95</b>
IRR-GFTR110	For 110mm	<b>£15.7</b>

#### Replacement Coupling Nut *(image D)*

This is the big blue nut on the outside that you tighten up.

Order code	Description	Price
IRR-GFCN020	For 20mm	<b>£0.93</b>
IRR-GFCN025	For 25mm	<b>£1.31</b>
IRR-GFCN032	For 32mm	<b>£1.62</b>
IRR-GFCN040	For 40mm	<b>£2.55</b>
IRR-GFCN050	For 50mm	<b>£3.18</b>
IRR-GFCN063	For 63mm	<b>£4.79</b>
IRR-GFCN075	For 75mm	<b>£10.53</b>
IRR-GFCN090	For 90mm	<b>£13.58</b>
IRR-GFCN110	For 110mm	<b>£19.86</b>



## PIPE & FITTINGS

# GF+ Saddles for PE Pipes

Pipe saddles are a simple and effective way to connect a sprinkler's swing joint to a pipeline. Simply slide the bottom piece under the pipe, the top piece over the pipe, ensuring the o-ring is in place, and then tighten the bolts provided. Once completed, you can use a drill bit to make the hole through into the pipe. This provides a BSP female thread into which you can connect your swing joint or threaded offtake.

Choose the saddle size based on (a) your pipe diameter and (b) the BSP offtake diameter



### Saddles for 20mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS20050SS	½" (PN16)	£11.3

### Saddles for 25mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS25050SS	½" (PN16)	£11.20
IRR-PETS25075SS	¾" (PN16)	£11.20

### Saddles for 32mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS32050SS	½" (PN16)	£11.89
IRR-PETS32075SS	¾" (PN16)	£11.89
IRR-PETS32100SS	1" (PN16)	£12.07

### Saddles for 40mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS40050SS	½" (PN16)	£14.26
IRR-PETS40075SS	¾" (PN16)	£14.26
IRR-PETS40100SS	1" (PN16)	£14.26

### Saddles for 50mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS50050SS	½" (PN16)	£17.74
IRR-PETS50075SS	¾" (PN16)	£17.74
IRR-PETS50100SS	1" (PN16)	£17.74
IRR-PETS50125SS	1¼" (PN16)	£20.18

### Saddles for 63mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS63050SS	½" (PN16)	£20.22
IRR-PETS63075SS	¾" (PN16)	£20.22
IRR-PETS63100SS	1" (PN16)	£20.22
IRR-PETS63125SS	1¼" (PN16)	£20.86
IRR-PETS63150SS	1½" (PN16)	£20.86

### Saddles for 75mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS75050SS	½" (PN16)	£25.38
IRR-PETS75075SS	¾" (PN16)	£25.38
IRR-PETS75100SS	1" (PN16)	£25.38
IRR-PETS75125SS	1¼" (PN16)s	£26.90
IRR-PETS75150SS	1½" (PN16)	£26.90
IRR-PETS75200SS	2" (PN16)s	£26.90

### Saddles for 90mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS90050SS	½" (PN16)	£27.83
IRR-PETS90075SS	¾" (PN16)	£27.83
IRR-PETS90100SS	1" (PN16)	£27.83
IRR-PETS90125SS	1¼" (PN16)	£29.67
IRR-PETS90150SS	1½" (PN16)	£29.67
IRR-PETS90200SS	2" (PN16)	£29.67

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## PIPE & FITTINGS

# GF+ Saddles for PE Pipes

### Saddles for 100mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS110075SS	¾" (PN16)	£31.27
IRR-PETS110100SS	1" (PN16)	£31.27
IRR-PETS110125SS	1¼" (PN16) s	£32.22
IRR-PETS110150SS	1½" (PN16)	£32.22
IRR-PETS110200SS	2" (PN16)	£32.22
IRR-PETS110300SS	3" (PN6)	£102.44

### Saddles for 125mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS125050SS	½" (PN16)	£39.44
IRR-PETS125075SS	¾" (PN16)	£39.44
IRR-PETS125100SS	1" (PN16)	£39.44
IRR-PETS125125SS	1¼" (PN16)	£40.22
IRR-PETS125150SS	1½" (PN16)	£40.22
IRR-PETS125200SS	2" (PN16)	£40.22
IRR-PETS125300SS	3" (PN6)	£117.05
IRR-PETS125400SS	4" (PN6)	£119.36

### Saddles for 140mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS140050SS	½" (PN16)	£56.76
IRR-PETS140075SS	¾" (PN16)	£56.76
IRR-PETS140100SS	1" (PN16)	£56.76
IRR-PETS140125SS	1¼" (PN16)	£57.45
IRR-PETS140150SS	1½" (PN16)	£57.45
IRR-PETS140200SS	2" (PN16)	£57.45
IRR-PETS140300SS	3" (PN10)	£120.06
IRR-PETS140400SS	4" (PN10)	£121.10

### Saddles for 160mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS160050SS	½" (PN16)	£76.11
IRR-PETS160075SS	¾" (PN16)	£76.11
IRR-PETS160100SS	1" (PN16)	£76.11
IRR-PETS160125SS	1¼" (PN16)	£76.88
IRR-PETS160150SS	1½" (PN16)	£76.88
IRR-PETS160200SS	2" (PN16)	£76.88
IRR-PETS160300SS	3" (PN10)	£121.62
IRR-PETS160400SS	4" (PN10) c	£122.32

### Saddles for 180mm PE Pipe

With stainless steel bolts

Order code	Description	Price
IRR-PETS180100SS	1" (PN10)	£183.68
IRR-PETS180125SS	1¼" (PN10)	£183.68
IRR-PETS180150SS	1½" (PN10)	£183.68
IRR-PETS180200SS	2" (PN10)	£183.68
IRR-PETS180300SS	3" (PN10)	£183.68
IRR-PETS180400SS	4" (PN10)	£183.68

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## PIPE & FITTINGS

# GF+ Electrofusion Fittings

GF+ Electrofusion fittings are used on larger irrigation projects to join PE pipes together, normally on pipes 63mm diameter and larger. Please note that you need an Electrofusion welding machine which is a very expensive piece of machinery, and you need to know how to do the job; this is a specialist product so if you haven't used electrofusion before, please use our GF+ compression pipe fittings instead.



### Plain Coupler

Order code	Description	Price
IRR-EFC63	63mm PE100	<b>£8.72</b>
IRR-EFC75	75mm PE100	<b>£13.40</b>
IRR-EFC90	90mm PE100	<b>£13.52</b>
IRR-EFC110	110mm PE100	<b>£20.71</b>
IRR-EFC125	125mm PE100	<b>£23.72</b>



### Reducing Coupler

Order code	Description	Price
IRR-EFRC7550	75mm x 50mm PE100	<b>£30.45</b>
IRR-EFRC7563	75mm x 63mm PE100	<b>£29.36</b>
IRR-EFRC9050	90mm x 50mm PE100	<b>£42.09</b>
IRR-EFRC9063	90mm x 63mm PE100	<b>£42.09</b>
IRR-EFRC9075	90mm x 75mm PE100	<b>£42.09</b>
IRR-EFRC11075	110mm x 75mm PE100	<b>£47.86</b>



### Plain Elbow 90°

Order code	Description	Price
IRR-EFE5090	50mm	<b>£21.58</b>
IRR-EFE6390	63mm	<b>£22.98</b>
IRR-EFE7590	75mm	<b>£28.56</b>
IRR-EFE9090	90mm	<b>£32.79</b>
IRR-EFE11090	110mm	<b>£50.00</b>
IRR-EFE12590	125mm	<b>£76.02</b>



### Socket End Cap

Order code	Description	Price
IRR-EFEC63	63mm PE100	<b>£18.86</b>
IRR-EFEC75	75mm PE100	<b>£34.43</b>
IRR-EFEC90	90mm PE100	<b>£38.82</b>
IRR-EFEC110	110mm PE100	<b>£55.78</b>
IRR-EFEC125	125mm PE100	<b>£62.62</b>



### Plain Elbow 45°

Order code	Description	Price
IRR-EFE6345	63mm	<b>£22.98</b>
IRR-EFE7545	75mm	<b>£31.16</b>
IRR-EFE9045	90mm	<b>£32.79</b>
IRR-EFE11045	110mm	<b>£50.00</b>
IRR-EFE12545	125mm	<b>£76.02</b>



### Branch Saddle

Order code	Description	Price
IRR-EFSAD6363	63mm x 63mm PE100	<b>£17.62</b>
IRR-EFSAD7563	75mm x 63mm PE100	<b>£20.20</b>
IRR-EFSAD9063	90mm x 63mm PE100	<b>£20.29</b>
IRR-EFSAD11075	110mm x 75mm PE100	<b>£47.86</b>
IRR-EFSAD11063	110mm x 63mm PE100	<b>£22.76</b>
IRR-EFSAD12563	125mm x 63mm PE100	<b>£29.34</b>



### Plain Tee

Order code	Description	Price
IRR-EFT63	63mm PE100	<b>£23.38</b>
IRR-EFT75	75mm PE100	<b>£32.21</b>
IRR-EFT90	90mm PE100	<b>£40.30</b>
IRR-EFT110	110mm PE100	<b>£60.26</b>
IRR-EFT125	125mm PE100	<b>£77.52</b>



### Male Transition Coupler

Order code	Description	Price
IRR-EFMTC63100	63mm x 1" BSP	<b>£29.75</b>
IRR-EFMTC63150	63mm x 1½" BSP	<b>£39.62</b>
IRR-EFMTC63200	63mm x 2" BSP	<b>£35.47</b>





## PIPE & FITTINGS

# GF+ Electrofusion Fittings

### Male Transition Elbow



Order code	Description	Price
IRR-EFFTE63100	63mm x 1" BSP	£51.06
IRR-EFFTE63150	63mm x 1½" BSP	£50.21
IRR-EFFTE63200	63mm x 2" BSP	£46.111

### Female Transition Elbow



Order code	Description	Price
IRR-EFFTE63100	63mm x 1" BSP	£51.06
IRR-EFFTE63150	63mm x 1½" BSP	£51.06
IRR-EFFTE63200	63mm x 2" BSP	£48.91

## GF+ Electrofusion Spigot Fittings

These fittings fit inside an electrofusion fitting and are the same diameter as the pipe you are using. They are handy for certain situations. All spigot fittings will require a standard electrofusion fitting to fit into.

### Long Spigot Tree



Order code	Description	Price
IRR-EFST63	63mm PE100	£12.48
IRR-EFST75	75mm PE100	£19.00
IRR-EFST90	90mm PE100	£29.26
IRR-EFST110	110mm PE100	£41.50
IRR-EFST125	125mm PE100	£58.56

### Long Spigot 90° Elbow



Order code	Description	Price
IRR-EFSE6390	63mm PE100	£13.21
IRR-EFSE7590	75mm PE100	£17.38
IRR-EFSE9090	90mm PE100	£20.00
IRR-EFSE11090	110mm PE100	£36.77
IRR-EFSE12590	125mm PE100	£46.78

### Long Spigot 45° Elbow



Order code	Description	Price
IRR-EFSE6345	63mm (45°) PE100	£13.21
IRR-EFSE7545	75mm (45°) PE100	£17.76
IRR-EFSE9045	90mm (45°) PE100	£20.00
IRR-EFSE11045	110mm (45°) PE100	£32.38
IRR-EFSE12545	125mm (45°) PE100	£46.78

### Long Spigot End Cap



Order code	Description	Price
IRR-EFSEC63	63mm PE100	£9.39
IRR-EFSEC75	75mm PE100	£17.34
IRR-EFSEC90	90mm PE100	£21.15
IRR-EFSEC110	110mm PE100	£26.93
IRR-EFSEC125	125mm PE100	£30.84

### Long Spigot Reducer



Order code	Description	Price
IRR-EFSR7540	75mm x 40mm PE100	£9.58
IRR-EFSR7550	75mm x 50mm PE100	£10.72
IRR-EFSR7563	75mm x 63mm PE100	£10.72
IRR-EFSR9050	90mm x 50mm PE100	£10.72
IRR-EFSR9063	90mm x 63mm PE100	£14.64
IRR-EFSR9075	90mm x 75mm PE100	£14.64
IRR-EFSR11063	110mm x 63mm PE100	£19.94
IRR-EFSR11075	110mm x 75mm PE100	£19.44
IRR-EFSR11090	110mm x 90mm PE100	£19.44
IRR-EFSR12590	125mm x 90mm PE100	£23.50
IRR-EFSR125110	125mm x 110mm PE100	£23.50

### Male Transition Coupler



Order code	Description	Price
IRR-EFSMTC63150	63mm x 1½" BSP	£29.35
IRR-EFSMTC63200	63mm x 2" BSP	£25.35

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## PIPE & FITTINGS

# GF+ Electrofusion Fittings



### Female Transition Coupler

Order code	Description	Price
IRR-EFSFTC63150	63mm x 1" BSP	£25.86
IRR-EFSFTC63150	63mm x 1½" BSP	£25.86
IRR-EFSFTC63200	63mm x 2" BSP	£29.69



### Pipe Peelers Fixed Diameter

Order code	For Peeling...	Price
IRR-EFRS63	63mm PE pipe	£1,329.57
IRR-EFRS75	75mm PE pipe	£1,599.93
IRR-EFRS90	90mm PE pipe	£1,599.93
IRR-EFRS110	110mm PE pipe	£1,599.93
IRR-EFRS125	125mm PE pipe	£1,780.30
IRR-EFRS140	140mm PE pipe	£1,780.30
IRR-EFRS160	160mm PE pipe	£1,780.30
IRR-EFRS180	180mm PE pipe	£2,050.75



### Long Spigot Stub Flange

Order code	Description	Price
IRR-EFSF63	63mm PE100	£6.97
IRR-EFSF75	75mm PE100	£8.78
IRR-EFSF90	90mm PE100	£11.56
IRR-EFSF110	110mm PE100	£14.40
IRR-EFSF125	125mm PE100	£17.76

## Electrofusion Tools & Accessorie

Electrofusion is a precision exercise and requires careful peeling of the outer few millimetres of the pipe before the electrofusion process can be conducted. Then once the pipe is peeled it must be cleaned, as should the internals of the electrofusion fitting.

GF+ offers a peeling tool for each different pipe diameter. This ensures the pipe is peeled correctly and efficiently

## Tools & Cleaners

Order code	Description	Price
IRR-EFTANGIT	TANGIT special cleaner KS PP,PE,PVDF,PB for cleaning pipes before electrofusion (image A)	£57.91
IRR-EFCLEANER	Roll of Blue Tissue for cleaning fittings before electrofusion (image B)	£42.61
IRR-EFSCRAPER	Hand scraper (Image C)	£49.00
IRR-EFPEELER	Adjustable Rotary Peeler Tool 20mm-125mm	£1,655.22



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## PIPE & FITTINGS

# GF+ Malleable Cast Iron Threaded Fittings

These fittings are very high quality & manufactured of white malleable cast Iron. The thread is clean and is easy to work with. Unlike cheaper galvanised threaded fittings, you will find the extra quality makes a big difference to their ease of use.

Standards: EN10242, ISO 49

Pressure tolerance: 25 bar for temperatures in the range -20 to 120°C.

For dimensions on each fitting listed below, contact Origin Amenity Solutions Irrigation.

### Threaded Socket



Order Code	Descr.	Price
IRR-GSOCKET050GF	1/2" BSP	<b>£3.39</b>
IRR-GSOCKET075GF	3/4" BSP	<b>£4.44</b>
IRR-GSOCKET100GF	1" BSP	<b>£5.69</b>
IRR-GSOCKET125GF	1 1/4" BSP	<b>£12.03</b>
IRR-GSOCKET150GF	1 1/2" BSP	<b>£16.25</b>
IRR-GSOCKET200GF	2" BSP	<b>£23.50</b>
IRR-GSOCKET250GF	2 1/2" BSP	<b>£47.53</b>
IRR-GSOCKET300GF	3" BSP	<b>£67.35</b>
IRR-GSOCKET400GF	4" BSP	<b>£111.14</b>

### Threaded Tee



Order Code	Descr.	Price
IRR-GTEE025GF	1/4" BSP	<b>£6.19</b>
IRR-GTEE050GF	1/2" BSP	<b>£4.81</b>
IRR-GTEE075GF	3/4" BSP	<b>£7.03</b>
IRR-GTEE100GF	1" BSP	<b>£10.09</b>
IRR-GTEE125GF	1 1/4" BSP	<b>£20.36</b>
IRR-GTEE150GF	1 1/2" BSP	<b>£27.87</b>
IRR-GTEE200GF	2" BSP	<b>£40.14</b>
IRR-GTEE250GF	2 1/2" BSP	<b>£102.62</b>
IRR-GTEE300GF	3" BSP	<b>£109.66</b>
IRR-GTEE400GF	4" BSP	<b>£216.83</b>

### Elbow Female x Female 90°



Order Code	Descr.	Price
IRR-GFFELB025GF	1/4" BSP	<b>£3.98</b>
IRR-GFFELB050GF	1/2" BSP	<b>£3.51</b>
IRR-GFFELB075GF	3/4" BSP	<b>£4.81</b>
IRR-GFFELB100GF	1" BSP	<b>£7.46</b>
IRR-GFFELB125GF	1 1/4" BSP	<b>£14.87</b>
IRR-GFFELB150GF	1 1/2" BSP	<b>£22.27</b>
IRR-GFFELB200GF	2" BSP	<b>£26.04</b>
IRR-GFFELB250GF	2 1/2" BSP	<b>£58.13</b>
IRR-GFFELB300GF	3" BSP	<b>£85.37</b>
IRR-GFFELB400GF	4" BSP	<b>£173.28</b>

### Equal Hex Nipple



Order Code	Descr.	Price
IRR-GHN025GF	1/4" BSP	<b>£4.93</b>
IRR-GHN050GF	1/2" BSP	<b>£3.30</b>
IRR-GHN075GF	3/4" BSP	<b>£3.75</b>
IRR-GHN100GF	1" BSP	<b>£5.27</b>
IRR-GHN125GF	1 1/4" BSP	<b>£10.72</b>
IRR-GHN150GF	1 1/2" BSP	<b>£12.32</b>
IRR-GHN200GF	2" BSP	<b>£22.48</b>
IRR-GHN250GF	2 1/2" BSP	<b>£37.63</b>
IRR-GHN300GF	3" BSP	<b>£61.52</b>
IRR-GHN400GF	4" BSP	<b>£109.13</b>

### Equal Cross



Order Code	Descr.	Price
IRR-GCROSS025GF	1/4" BSP	<b>£15.51</b>
IRR-GCROSS050GF	1/2" BSP	<b>£16.77</b>
IRR-GCROSS075GF	3/4" BSP	<b>£26.25</b>
IRR-GCROSS100GF	1" BSP	<b>£33.36</b>
IRR-GCROSS125GF	1 1/4" BSP	<b>£46.19</b>
IRR-GCROSS150GF	1 1/2" BSP	<b>£62.19</b>
IRR-GCROSS200GF	2" BSP	<b>£96.65</b>
IRR-GCROSS250GF	2 1/2" BSP	<b>£137.94</b>
IRR-GCROSS300GF	3" BSP	<b>£183.47</b>
IRR-GCROSS400GF	4" BSP	<b>£320.39</b>

### Elbow Male x Female 90°



Order Code	Descr.	Price
IRR-GMFELB025GF	1/4" BSP	<b>£4.21</b>
IRR-GMFELB050GF	1/2" BSP	<b>£3.95</b>
IRR-GMFELB075GF	3/4" BSP	<b>£5.27</b>
IRR-GMFELB100GF	1" BSP	<b>£8.79</b>
IRR-GMFELB125GF	1 1/4" BSP	<b>£19.00</b>
IRR-GMFELB150GF	1 1/2" BSP	<b>£26.22</b>
IRR-GMFELB200GF	2" BSP	<b>£33.75</b>
IRR-GMFELB250GF	2 1/2" BSP	<b>£95.78</b>
IRR-GMFELB300GF	3" BSP	<b>£130.97</b>
IRR-GMFELB400GF	4" BSP	<b>£228.99</b>

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## PIPE & FITTINGS

# GF+ Malleable Cast Iron Threaded Fittings

**Elbow**  
Male x Male 90°



Order Code	Descr.	Price
IRR-GMMELB050GF	½" BSP	<b>£11.92</b>
IRR-GMMELB075GF	¾" BSP	<b>£13.92</b>
IRR-GMMELB100GF	1" BSP	<b>£21.17</b>
IRR-GMMELB125GF	1¼" BSP	<b>£35.79</b>
IRR-GMMELB150GF	1½" BSP	<b>£65.42</b>
IRR-GMMELB200GF	2" BSP	<b>£67.54</b>

**Long Bend**  
Female x Female 90°



Order Code	Descr.	Price
IRR-GLBFF025GF	¼" BSP	<b>£7.50</b>
IRR-GLBFF050GF	½" BSP	<b>£8.67</b>
IRR-GLBFF075GF	¾" BSP	<b>£15.07</b>
IRR-GLBFF100GF	1" BSP	<b>£20.62</b>
IRR-GLBFF125GF	1¼" BSP	<b>£39.68</b>
IRR-GLBFF150GF	1½" BSP	<b>£48.40</b>
IRR-GLBFF200GF	2" BSP	<b>£67.29</b>
IRR-GLBFF250GF	2½" BSP	<b>£186.50</b>
IRR-GLBFF300GF	3" BSP	<b>£253.07</b>
IRR-GLBFF400GF	4" BSP	<b>£479.31</b>

**Reducing Hex Nipple**



Order Code	Descr.	Price
IRR-GRHN050025GF	½" x ¼"	<b>£8.07</b>
IRR-GRHN075025GF	¾" x ¼"	<b>£18.80</b>
IRR-GRHN075050GF	¾" x ½"	<b>£6.19</b>
IRR-GRHN100050GF	1" x ½"	<b>£11.47</b>
IRR-GRHN100075GF	1" x ¾"	<b>£6.65</b>
IRR-GRHN125050GF	1¼" x ½"	<b>£21.07</b>
IRR-GRHN125075GF	1¼" x ¾"	<b>£19.02</b>
IRR-GRHN125100GF	1¼" x 1"	<b>£11.80</b>
IRR-GRHN150075GF	1½" x ¾"	<b>£24.26</b>
IRR-GRHN150100GF	1½" x 1"	<b>£27.97</b>
IRR-GRHN150125GF	1½" x 1¼"	<b>£15.62</b>
IRR-GRHN200100GF	2" x 1"	<b>£26.16</b>
IRR-GRHN200125GF	2" x 1¼"	<b>£35.75</b>
IRR-GRHN200150GF	2" x 1½"	<b>£29.80</b>
IRR-GRHN250150GF	2½" x 1½"	<b>£44.73</b>
IRR-GRHN250200GF	2½" x 2"	<b>£46.20</b>
IRR-GRHN300200GF	3" x 2"	<b>£62.54</b>
IRR-GRHN300250GF	3" x 2½"	<b>£83.39</b>
IRR-GRHN400300GF	4" x 3"	<b>£270.38</b>

**Reducing Socket**



Order Code	Descr.	Price
IRR-GRS050025GF	½" x ¼"	<b>£6.25</b>
IRR-GRS075025GF	¾" x ¼"	<b>£8.70</b>
IRR-GRS075050GF	¾" x ½"	<b>£5.46</b>
IRR-GRS100050GF	1" x ½"	<b>£7.11</b>
IRR-GRS100075GF	1" x ¾"	<b>£6.72</b>
IRR-GRS125050GF	1¼" x ½"	<b>£15.62</b>
IRR-GRS125075GF	1¼" x ¾"	<b>£15.43</b>
IRR-GRS125100GF	1¼" x 1"	<b>£12.32</b>
IRR-GRS150075GF	1½" x ¾"	<b>£23.62</b>
IRR-GRS150100GF	1½" x 1"	<b>£17.73</b>
IRR-GRS150125GF	1½" x 1¼"	<b>£19.69</b>
IRR-GRS200050GF	2" x ½"	<b>£37.07</b>
IRR-GRS200075GF	2" x ¾"	<b>£37.70</b>
IRR-GRS200100GF	2" x 1"	<b>£34.10</b>
IRR-GRS200125GF	2" x 1¼"	<b>£31.18</b>
IRR-GRS200150GF	2" x 1½"	<b>£25.27</b>
IRR-GRS250150GF	2½" x 1½"	<b>£56.29</b>
IRR-GRS250200GF	2½" x 2"	<b>£54.12</b>
IRR-GRS300200GF	3" x 2"	<b>£67.47</b>
IRR-GRS300250GF	3" x 2½"	<b>£69.30</b>
IRR-GRS400200GF	4" x 2"	<b>£134.57</b>
IRR-GRS400300GF	4" x 3"	<b>£124.85</b>

**Threaded Plug**



Order Code	Descr.	Price
IRR-GPLUG025GF	¼" BSP	<b>£2.77</b>
IRR-GPLUG050GF	½" BSP	<b>£3.35</b>
IRR-GPLUG075GF	¾" BSP	<b>£3.62</b>
IRR-GPLUG100GF	1" BSP	<b>£5.01</b>
IRR-GPLUG125GF	1¼" BSP	<b>£8.71</b>
IRR-GPLUG150GF	1½" BSP	<b>£10.80</b>
IRR-GPLUG200GF	2" BSP	<b>£22.04</b>
IRR-GPLUG250GF	2½" BSP	<b>£44.90</b>
IRR-GPLUG300GF	3" BSP	<b>£58.29</b>
IRR-GPLUG400GF	4" BSP	<b>£102.68</b>

**Iron Threaded Cap**



Order Code	Descr.	Price
IRR-GCAP025GF	¼" BSP	<b>£3.35</b>
IRR-GCAP050GF	½" BSP	<b>£3.48</b>
IRR-GCAP075GF	¾" BSP	<b>£3.98</b>
IRR-GCAP100GF	1" BSP	<b>£5.33</b>
IRR-GCAP125GF	1¼" BSP	<b>£8.71</b>
IRR-GCAP150GF	1½" BSP	<b>£11.11</b>
IRR-GCAP200GF	2" BSP	<b>£20.72</b>
IRR-GCAP250GF	2½" BSP	<b>£45.27</b>
IRR-GCAP300GF	3" BSP	<b>£51.26</b>
IRR-GCAP400GF	4" BSP	<b>£112.25</b>

**Female Threaded Union**



Order Code	Descr.	Price
IRR-GFFU025GF	¼" BSP	<b>£23.01</b>
IRR-GFFU050GF	½" BSP	<b>£15.71</b>
IRR-GFFU075GF	¾" BSP	<b>£17.22</b>
IRR-GFFU100GF	1" BSP	<b>£20.18</b>
IRR-GFFU125GF	1¼" BSP	<b>£33.21</b>
IRR-GFFU150GF	1½" BSP	<b>£37.49</b>
IRR-GFFU200GF	2" BSP	<b>£55.89</b>
IRR-GFFU250GF	2½" BSP	<b>£156.20</b>
IRR-GFFU300GF	3" BSP	<b>£240.96</b>
IRR-GFFU400GF	4" BSP	<b>£458.73</b>

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## PIPE & FITTINGS

# GF+ Malleable Cast Iron Threaded Fittings

Reducing bush



Order Code	Descr.	Price
IRR-GRB050025GF	½" x ¼"	<b>£2.42</b>
IRR-GRB075025GF	¾" x ¼"	<b>£5.07</b>
IRR-GRB075050GF	¾" x ½"	<b>£3.08</b>
IRR-GRB100025GF	1" x ¼"	<b>£7.22</b>
IRR-GRB100050GF	1" x ½"	<b>£4.18</b>
IRR-GRB100075GF	1" x ¾"	<b>£3.95</b>
IRR-GRB125050GF	1¼" x ½"	<b>£8.37</b>
IRR-GRB125075GF	1¼" x ¾"	<b>£7.47</b>
IRR-GRB125100GF	1¼" x 1"	<b>£5.06</b>
IRR-GRB150050GF	1½" x ½"	<b>£10.63</b>
IRR-GRB150075GF	1½" x ¾"	<b>£11.51</b>
IRR-GRB150100GF	1½" x 1"	<b>£7.58</b>
IRR-GRB150125GF	1½" x 1¼"	<b>£8.02</b>
IRR-GRB200050GF	2" x ½"	<b>£21.87</b>
IRR-GRB200075GF	2" x ¾"	<b>£21.28</b>
IRR-GRB200100GF	2" x 1"	<b>£16.07</b>
IRR-GRB200125GF	2" x 1¼"	<b>£16.71</b>
IRR-GRB200150GF	2" x 1½"	<b>£15.01</b>
IRR-GRB250150GF	2½" x 1½"	<b>£36.87</b>
IRR-GRB250200GF	2½" x 2"	<b>£27.59</b>
IRR-GRB300200GF	3" x 2"	<b>£49.22</b>
IRR-GRB300250GF	3" x 2½"	<b>£48.29</b>
IRR-GRB400200GF	4" x 2"	<b>£113.97</b>
IRR-GRB400300GF	4" x 3"	<b>£94.83</b>

Male x Female Threaded Union



Order Code	Descr.	Price
IRR-GMFU025GF	¼" BSP	<b>£23.63</b>
IRR-GMFU050GF	½" BSP	<b>£16.53</b>
IRR-GMFU075GF	¾" BSP	<b>£20.26</b>
IRR-GMFU100GF	1" BSP	<b>£23.56</b>
IRR-GMFU125GF	1¼" BSP	<b>£48.71</b>
IRR-GMFU150GF	1½" BSP	<b>£62.39</b>
IRR-GMFU200GF	2" BSP	<b>£98.15</b>
IRR-GMFU250GF	2½" BSP	<b>£219.53</b>
IRR-GMFU300GF	3" BSP	<b>£301.85</b>
IRR-GMFU400GF	4" BSP	<b>£630.98</b>

Drilled flange with female threaded outlet



Order Code	Descr.	Price
<b>4-Hole Flange</b>		
IRR-GFLANGE050GF	½" outlet	<b>£87.09</b>
IRR-GFLANGE075GF	¾" outlet	<b>£95.00</b>
IRR-GFLANGE100GF	1" outlet	<b>£109.35</b>
IRR-GFLANGE125GF	1¼" outlet	<b>£151.73</b>
IRR-GFLANGE150GF	1½" outlet	<b>£161.87</b>
IRR-GFLANGE200GF	2" outlet	<b>£187.53</b>
IRR-GFLANGE250GF	2½" outlet	<b>£219.78</b>
<b>8-Hole Flange</b>		
IRR-GFLANGE300GF	3" outlet	<b>£266.31</b>
IRR-GFLANGE400GF	4" outlet	<b>£306.91</b>

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## PIPE & FITTINGS

# Multi-Joint Fittings

Georg Fisher Multi-Joint fittings are constructed of ductile cast iron with Resicoat® epoxy powder coating, making every fitting extremely strong & able to withstand decades in direct burial. These fittings can be used in the irrigation industry as reliable repair couplers, so next time you have a major mainline blow-out, think of the GF+ Multi-Joint fitting to make your repair fast, effective and reliable.

Each Multi-Joint fitting has a sealing system constructed of a mass of “teeth” that grab the pipe & pull it into place, along with EPDM seals to make it leak proof. Stainless bolts & nuts with a variation of play enables the fitting to be tightened without the pipe needing to be 100% straight; anyone who has repaired a broken old pipe with know that a slight angle in either pipe being joined can cause huge issues, but the GF+ Multi-Joint repair coupler has an angle tolerance that allows 8% in either pipe (i.e. 16% total from both pipes being joined), so you can join the pipes together without spending the rest of your day arguing with non-aligned pipes!

You can also use the GF+ Multi Joint couplers to join old pipes onto new ones of different material, like steel onto PE (polyethylene), or old PVC pipes onto new PE pipes.

### Repair Couplers

Use one of these to repair a broken pipe. The Multi-Joint repair coupler is a high-quality fitting that is designed to be installed underground & buried. Use this fitting to repair a broken PE pipe, or to join a new PE pipe to an existing PVC pipe. Great when you are replacing parts of your old PVC mainline with new PE pipe.

Please note that for PE pipes you'll need a pipe-insert to make the pipe's wall rigid. Refer to the Pipe Inserts list further below.



### Multi-Joint Repair Coupler

Order code	Description	Price
IRR-MJC50	50mm (tolerance 46-71mm)	£208.65
IRR-MJC65	65mm (tolerance 63-90mm)	£287.80
IRR-MJC80	80mm (tolerance 84-105mm)	£268.22
IRR-MJC100	100mm (tolerance 104-132mm)	£313.52
IRR-MJC125	125mm (tolerance 132-155mm)	£515.91

### Flanged Adaptors (PN16)

These are perfect for connection to a flanged mainline isolating valve; they can be buried underground. Perfect if you want to add a new mainline isolating valve to an existing pipe (PE or PVC); if you have a mainline blow-out you need to repair, why not use the opportunity to install a new mainline isolating valve, like a flanged butterfly valve or resilient seated flanged gate valve? Use one of these fittings on each side of the valve to connect your pipe into.

Please note that for PE pipes you'll need a pipe-insert to make the pipe's wall rigid. Refer to the Pipe Inserts list further below.



Order code	Description	Price
IRR-MJFA200	PN10/16 EPDM Seal 2" flange x 46-71mm pipe connection	£179.59
IRR-MJFA250	PN10/16 EPDM Seal 2½" flange x 63-90mm pipe connection	£228.30
IRR-MJFA300	PN10/16 EPDM Seal 3" flange x 84-105mm pipe connection	£253.11
IRR-MJFA400	PN10/16 EPDM Seal 4" flange x 104-132mm pipe connection	£302.18
IRR-MJFA500	PN10/16 EPDM Seal 5" flange x 132-155mm pipe connection	£476.00
IRR-MJFA600	PN10/16 EPDM Seal 6" flange x 154-192mm pipe connection	£444.62



## PIPE & FITTINGS

# Multi-Joint Fittings

### Inserts for Multi-Joint Pipe Couplers

You'll need one of these for every pipe you are joining or repairing if the pipe is PE (polyethylene). That's because the Multi-Joint fitting needs to have a level of rigidity that PE pipe doesn't provide. The following insert, as the name implies, goes inside the end of the pipe before you install the pipe into the Multi-Joint repair coupler or flanged coupler. Each insert is 304 Stainless steel.



Order code	Description	Price
IRR-MJPI50.11	For 50mm PE pipe SDR11	<b>£36.57</b>
IRR-MJPI63.11	For 63mm PE pipe SDR11	<b>£38.48</b>
IRR-MJPI75.11	For 75mm PE pipe SDR11	<b>£40.36</b>
IRR-MJPI90.17	For 90mm PE pipe SDR17	<b>£44.20</b>
IRR-MJPI110.17	For 110mm PE pipe SDR17	<b>£48.36</b>
IRR-MJPI125.17	For 125mm PE pipe SDR17	<b>£51.01</b>

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## PIPE & FITTINGS

# Imperial PVC Pipe & Fittings

Imperial PVC pipe was installed into golf courses before PE pipe became available, and many courses still have it. These fittings will work on this pipe but will not work on horticultural PVC (which is metric). Ensure you use the correct solvent cleaner and glue when making connections to your existing pipes (refer below).

### Imperial PVC Plain Pipe in 3 metre lengths

Order code	Description	Price
IRR-PVCPPIPE100E	1" internal diameter imperial pipe 3 metre length PN15	<b>£13.83</b>
IRR-PVCPPIPE125D	1¼" internal diameter imperial pipe 3 metre length PN12	<b>£17.50</b>
IRR-PVCPPIPE150D	1½" internal diameter imperial pipe 3 metre length PN12	<b>£25.67</b>
IRR-PVCPPIPE200D	2" internal diameter imperial pipe 3 metre length PN12	<b>£34.33</b>
IRR-PVCPPIPE300D	3" internal diameter imperial pipe 3 metre length PN12	<b>£75.00</b>
IRR-PVCPPIPE400C	4" internal diameter imperial pipe 3 metre length PN9	<b>£95.67</b>

### Imperial PVC Plain Glued Sockets

Order code	Description	Price
IRR-PVCCKET100	Imperial PVC plain socket 1" glued 16 bar rated	<b>£1.35</b>
IRR-PVCCKET125	Imperial PVC plain socket 1¼" glued 16 bar rated	<b>£2.30</b>
IRR-PVCCKET150	Imperial PVC plain socket 1½" glued 16 bar rated	<b>£2.90</b>
IRR-PVCCKET200	Imperial PVC plain socket 2" glued 16 bar rated	<b>£4.05</b>
IRR-PVCCKET300	Imperial PVC plain socket 3" glued 16 bar rated	<b>£15.60</b>
IRR-PVCCKET400	Imperial PVC plain socket 4" glued 16 bar rated	<b>£22.65</b>



### Plain Tees

All three side to these tees are the same diameter & are all glued. If you want to create a male thread out of one outlet, use a spigot adaptor which will glue inside the tee (refer further down).

### Imperial PVC Plain Glued Tee

Order code	Description	Price
IRR-PVCTEE100	1" glued 16 bar rated	<b>£3.00</b>
IRR-PVCTEE125	1¼" glued 16 bar rated	<b>£4.65</b>
IRR-PVCTEE150	1½" glued 16 bar rated	<b>£6.15</b>
IRR-PVCTEE200	2" glued 16 bar rated	<b>£9.45</b>
IRR-PVCTEE300	3" glued 16 bar rated	<b>£28.65</b>
IRR-PVCTEE400	4" glued 16 bar rated	<b>£45.00</b>



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## PIPE & FITTINGS

# Imperial PVC Pipe & Fittings

### End Caps

And end cap glues over the end of the pipe

#### Imperial PVC Plain Glued End Cap

Order code	Description	Price
IRR-PVCCAP100	1" glued 16 bar rated	£1.45
IRR-PVCCAP125	1¼" glued 16 bar rated	£2.10
IRR-PVCCAP150	1½" glued 16 bar rated	£3.45
IRR-PVCCAP200	2" glued 16 bar rated	£4.20
IRR-PVCCAP300	3" glued 16 bar rated	£14.70
IRR-PVCCAP400	4" glued 16 bar rated	£20.40



### Plain 90-degree Elbows

As the name implies, this fitting is glued at each end. If you want to create an elbow with a male thread coming out, use one of these elbows and then a spigot adaptor (see further down).

#### Imperial PVC Plain 90° Elbow

Order code	Description	Price
IRR-PVCELB100.90	1" glued 16 bar rated	£2.30
IRR-PVCELB125.90	1¼" glued 16 bar rated	£4.05
IRR-PVCELB150.90	1½" glued 16 bar rated	£5.25
IRR-PVCELB200.90	2" glued 16 bar rated	£7.35
IRR-PVCELB300.90	3" glued 16 bar rated	£22.50
IRR-PVCELB400.90	4" glued 16 bar rated	£33.60



### Male Socket Adaptors

A socket adaptor has a male thread (BSP) at one end & a glued connection at the other end. The socket will glue onto a piece of pipe.

#### Imperial PVC male socket adaptor

Order code	Description	Price
IRR-PVCADPT100	1" glued 16 bar rated	£3.15
IRR-PVCADPT125	1¼" glued 16 bar rated	£4.80
IRR-PVCADPT150	1½" glued 16 bar rated	£6.60
IRR-PVCADPT200	2" glued 16 bar rated	£8.55



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## PIPE & FITTINGS

# Imperial PVC Pipe & Fittings

### Adaptor Spigots (the spigot goes inside another fitting)

A spigot adaptor is similar to a socket adaptor except that the glued end is the same diameter as the pipe & is designed to fit into another glued fitting. Therefore it is handy to add a thread to an elbow or tee for example.

### Imperial PVC adaptor male spigot

Order code	Description	Price
IRR-PVCSPIGOT100	1" glued 16 bar rated	£2.85
IRR-PVCSPIGOT125	1¼" glued 16 bar rated	£3.60
IRR-PVCSPIGOT150	1½" glued 16 bar rated	£5.10
IRR-PVCSPIGOT200	2" glued 16 bar rated	£6.90



### Glued Unions

A glued union is handy to add a way of disconnecting the system apart; each end is glued onto the pipe but the union can be unthreaded to pull the 2 pipes apart.

### Imperial PVC Glued Union Coupler

Order code	Description	Price
IRR-PVCUNON100	1" glued 16 bar rated	£9.15
IRR-PVCUNON125	1¼" glued 16 bar rated	£10.95
IRR-PVCUNON150	1½" glued 16 bar rated	£15.60
IRR-PVCUNON200	2" glued 16 bar rated	£19.50
IRR-PVCUNON300	3" glued 16 bar rated	£78.00
IRR-PVCUNON400	4" glued 16 bar rated	£105.00



### Imperial PVC Repair Couplers

If you have old imperial PVC pipe & you need to make a repair, or you want to cut into the pipe to add a tee junction etc., then the PVC telescopic repair coupler will be very handy.

One end of the coupler is a socket, so will go over the existing pipe; the other end is a spigot so will go into another PVC fitting such as a tee or elbow, or plain glued joiner. Therefore with every repair coupler you will need a PVC fitting to use at the skinny end.

### Imperial PVC Repair Coupler

The size denotes the pipe size the coupler will work on

Order code	Description	Price
PVCFLOSPAN032	Flo-Span 1¼" PVC Telescopic Repair Coupler	£43.55
PVCFLOSPAN040	Flo-Span 1½" PVC Telescopic Repair Coupler	£47.22
PVCFLOSPAN050	Flo-Span 2" PVC Telescopic Repair Coupler	£75.41
PVCFLOSPAN080	Flo-Span 3" PVC Telescopic Repair Coupler	£156.36
PVCFLOSPAN100	Flo-Span 4" PVC Telescopic Repair Coupler	£189.80



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## PIPE & FITTINGS

# Imperial PVC Pipe & Fittings



### Solvents, Cleaners & Thread Tape

Use PVC glue whenever you are gluing imperial pipe & fittings together. If you have an old pot of glue, make sure it isn't cloudy. Buy a new pot if there's any doubt. Use the pipe cleaner to clean the fittings prior to gluing.

### Glue, cleaner & thread tape

Order code	Description	Price
IRR-PVCGLUE250	SABA solvent cement for gluing PVC pipe & fittings 250ml includes brush	£17.53
IRR-PVCCLEAN500	Solvent cleaner for PVC pipes & fittings 500ml. Use this to clean all joints before gluing them	£20.42
IRR-PTFE19	PTFE thread tape 19mm per roll; handy for fittings with larger threads ( <i>image A</i> )	£6.67
IRR-PTFE12	PTFE thread tape 12mm per roll	£1.33



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## HAND WATERING

# Galaxy Hand-Watering Hoses

Galaxy hand-watering hoses are perfect for spot-watering your greens and sports pitches, but equally as good for washing down. This is a highly flexible kink-resistant hose constructed of 6 layers, including 2 reinforcement layers, and a high pressure braided layer! It has several features that make it better than other brands on the market.

Use our range of Quick- connect fittings to join this hose to your taps and sprinklers.

Order code	Description	Price
<b>13mm Hand Watering Hose:</b>		
IRR-HOSE1325	Galaxy hose 13mm x 25 metre roll	<b>£38.71</b>
IRR-HOSE1350	Galaxy hose 13mm x 50 metre roll	<b>£76.09</b>
<b>20mm Hand Watering Hose:</b>		
IRR-HOSE2050	Galaxy hose 20mm x 50 metre roll	<b>£129.39</b>
IRR-HOSE20100	Galaxy hose 20mm x 100 metre roll	<b>£257.40</b>
<b>25mm Hand Watering Hose:</b>		
IRR-HOSE2550	Galaxy hose 25mm x 50 metre roll	<b>£217.55</b>
IRR-HOSE25100	Galaxy hose 25mm x 100 metre roll	<b>£435.11</b>



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## HAND WATERING

# Hose Reels & Hand Guns

These are professional hose reels & hand guns for golf courses, sports pitches & large landscape sites. We can change the attachments to suit your hose diameter.

Order code	Description	Price
IRR-HOSEREELMEGA	Mega Hose Reel, fits 270m of 12mm hose. Pneumatic tyres, sturdy construction. <i>(image A)</i>	<b>£394.08</b>
IRR-HOSEREELMIDI	Mid-sized hose reel, fits 100 metres of 19mm hose <i>(image B)</i>	<b>£177.51</b>
IRR-HOSEREELWALL	Mega wall-mounted hose reel c/w 20 metres of ½" hose & fittings <i>(image C)</i>	<b>£173.80</b>

A



B



C



Order code	Description	Price
IRR-HANDGUN25	High Volume Power sprayer c/w 25mm barbed inlet <i>(image D)</i>	<b>£44.02</b>
IRR-SPRAYLANCE13	Hand-held spray lance 20cm length, brass & stainless steel construction. ½" BSP inlet <i>(image F)</i>	<b>£107.38</b>

D



F



Order code	Description	Price
WDCH1220	Worm drive hose clamp 12mm x 20mm for ½" hose	<b>£1.09</b>
IRR-WDHC1625	Worm drive hose clamp 16mm x 25mm for ½" hose	<b>£1.30</b>
IRR-WDHC2032	Worm drive hose clamp 20mm x 32mm for ¾" hose	<b>£1.33</b>
IRR-WDHC2540	Worm drive hose clamp 25mm x 40mm for 1" hose	<b>£1.40</b>





## HAND WATERING

# Impact Sprinklers & Sprinkler Stands

Choose between plastic impact sprinklers & their brass counterparts. Also choose between ½" BSP & ¾" BSP in each. Please note that the ¾" sprinklers do use significantly more water than the ½" versions, so if you are lacking in water or pressure we suggest you stick to the ½" size. Use our Galaxy hose and our Quick-connect fittings to connect your sprinklers & stands to your water supply.

Order code	Description	Price
IRR-SPR050PL	NaanDan 427 Plastic impact sprinkler ½" BSP part & full circle in the same sprinkler ( <i>image A</i> )	£10.63
RB-B4600008	2045PJ08 Rainbird Maxi Bird ½" plastic impact sprinkler, part & full circle in the same sprinkler *Note this is a CODE A product ( <i>image B</i> )	£30.53
IRR-SPR075PL	NaanDan 5035 Plastic impact sprinkler ¾" BSP part & full circle in the same sprinkle ( <i>image C</i> )	£16.62

Order code	Description	Price
IRR-SPR050BR	NaanDan 423 Brass impact adjustable arc sprinkler ½" BSP c/w 4mm nozzle ( <i>image D</i> )	£22.91
IRR-SPR050BR-32	NaanDan 423 Brass impact adjustable arc sprinkler ½" BSP c/w 3.2mm nozzle ( <i>image D</i> )	£22.91
RB-A3440310	½" BSP Rainbird Brass Impact Sprinkler part & full circle in the same sprinkler 25BPJ-TNT Full/Part circle ;pre-installed Nozzle size 10. *Note this is a CODE A product ( <i>image E</i> )	£46.73
IRR-SPR075BR	RC135 Brass PC/FC Impact sprinkler ½" BSP Female part & full circle in the same sprinkler ( <i>image F</i> )	£64.00

Order code	Description	Price
IRR-SLED	Galvanized sprinkler sled ¾" BSP inlet/outlet ( <i>image G</i> )	£47.22
IRR-TPOD20600	Steel tripod 600mm (approx. 2') high with ¾" BSP inlet ( <i>image H</i> )	£50.25
IRR-SLEDMAXI	Maxi H-Frame Sprinkler sled c/w 1" BSPF inlet: base dimensions 38cm x 38cm ( <i>image I</i> )	£87.90
IRR-SLEDJUMBO	Jumbo Sprinkler sled C/W 1½" BSPF inlet for large rotors: base dimensions 86cm x 86cm ( <i>image J</i> )	£142.00



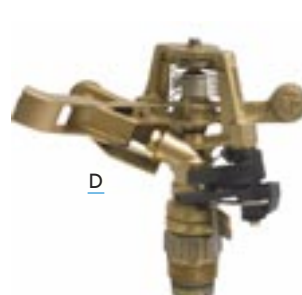
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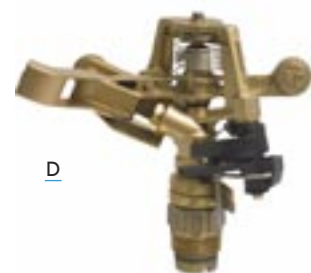
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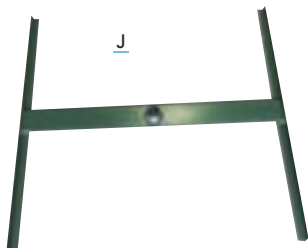
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I



J



## HAND WATERING

# Brass Quick Connect Hose Fittings

These are equivalent to generic names such as Geka. Well known & found in most golf course solenoid valve boxes throughout the UK, they offer a quick method of connecting a hose to a tap. Further down the list are click-on brass fittings for garden taps.

Order code	Description	Price
<b>Quick-Connect Hose Tail:</b> <i>(image A)</i>		
IRR-QCHT13	Quick Connect Brass hose tail 13mm (½")	£2.46
IRR-QCHT19	Quick Connect Brass hose tail 19mm (¾")	£2.63
IRR-QCHT25	Quick Connect Brass hose tail 25mm (1")	£3.24
IRR-QCHT32	Quick Connect Brass hose tail 32mm (1¼")	£4.17
IRR-QCHT40	Quick Connect Brass hose tail 40mm (1½")	£6.32
<b>Quick-Connect SwivelHose Tail:</b> <i>(image B)</i>		
IRR-QCSHT13	Quick Connect Brass swivel hose tail 13mm (½")	£5.61
IRR-QCSHT19	Quick Connect Brass swivel hose tail 19mm (¾")	£5.61
IRR-QCSHT25	Quick Connect Brass swivel hose tail 25mm (1")	£5.78
<b>Quick-Connect Male Thread:</b> <i>(image C)</i>		
IRR-QCM13	Quick Connect Brass male threaded connector 13mm (½")	£2.46
IRR-QCM19	Quick Connect Brass male threaded connector 19mm (¾")	£2.46
IRR-QCM25	Quick Connect Brass male threaded connector 25mm (1")	£2.63
IRR-QCM32	Quick Connect Brass male threaded connector 32mm (1¼")	£3.38
IRR-QCM40	Quick Connect Brass male threaded connector 40mm (1½")	£4.00
<b>Quick-Connect Female Thread:</b> <i>(image D)</i>		
IRR-QCF13	Quick Connect Brass Female threaded connector 13mm (½")	£2.46
IRR-QCF19	Quick Connect Brass Female threaded connector 19mm (¾")	£2.46
IRR-QCF25	Quick Connect Brass Female threaded connector 25mm (1")	£2.63
IRR-QCM32	Quick Connect Brass Female threaded connector 32mm (1¼")	£4.17
IRR-QCM40	Quick Connect Brass Female threaded connector 40mm (1½")	£4.31
<b>Quick-Connect Long Female Thread:</b> <i>(image E)</i>		
IRR-QCFLT13	Quick Connect Brass LONG Female threaded connector 13mm (½")	£2.84
IRR-QCFLT19	Quick Connect Brass LONG Female threaded connector 19mm (¾")	£3.38
IRR-QCFLT25	Quick Connect Brass LONG Female threaded connector 25mm (1")	£3.55
<b>Quick-Connect Cap:</b> <i>(image F)</i>		
IRR-QCCAP	Quick Connect blind coupler cap	£2.63
<b>Quick-Connect 3-Way Quick Coupler:</b> <i>(image G)</i>		
IRR-QC3WAY	Quick Connect 3-way brass quick coupler	£11.46
<b>Quick Connect with compression hose adaptor:</b> <i>(image H)</i>		
IRR-QCCHA13	Quick Connect with compression hose adaptor for 13mm hose	£12.78
IRR-QCCHA19	Quick Connect with compression hose adaptor for 19mm hose	£14.53
<b>Brass Click-on Joiner:</b> <i>(image I)</i>		
IRR-BHC	Brass hose click-on joiner	£3.42
<b>Brass Female Threaded Tap Connector:</b> <i>(image J)</i>		
IRR-BFTTC050	Brass tap connector ½" BSP female threaded with click-on male	£3.10
IRR-BFTTC075	Brass tap connector ¾" BSP female threaded with click-on male	£3.57
IRR-BFTTC100	Brass tap connector 1" BSP female threaded with click-on male	£4.26







## HAND WATERING

# Brass Quick Connect Hose Fittings

Order code	Description	Price
<b>Brass Male Threaded Tap Connector:</b> <i>(image K)</i>		
IRR-BMTC050	Brass tap connector ½" BSP male threaded with click-on male	£3.42
IRR-BMTC075	Brass tap connector ¾" BSP male threaded with click-on male	£3.42
<b>Brass Male Threaded Click-on Adaptor:</b> <i>(image L)</i>		
IRR-BCOA075M	Brass Click-on adaptor ¾" BSP male threaded with click-on female	£13.04
<b>Brass Click-on Hose Connector:</b> <i>(image M)</i>		
IRR-BCOHC13	Brass Click-on connector x 13mm hose adaptor	£11.36
IRR-BCOHC19	Brass Click-on connector x 19mm hose adaptor	£15.04
<b>Brass Double Hose Tail:</b> <i>(image N)</i>		
IRR-BDHT13	Brass double hose tail 13mm	£2.48
IRR-BDHT19	Brass double hose tail 19mm	£3.57
IRR-BDHT25	Brass double hose tail 25mm	£7.10
<b>Worm Drive Hose Clamp:</b> <i>(image O)</i>		
IRR-WDHC1220	Worm drive hose clamp 12mm x 20mm for ½" hose	£1.68
IRR-WDHC1625	Worm drive hose clamp 12mm x 20mm for ½" hose	£2.00
IRR-WDHC2032	worm drive hose clamp 20mm x 32mm for ¾" hose	£2.04
IRR-WDHC2540	Worm drive hose clamp 25mm x 40mm for 1" hose	£2.15
IRR-WDHC4050	Steel hose clamp 40mm x 50mm	£3.20

[K](#)



[L](#)



[M](#)



[N](#)



[O](#)





## HAND WATERING

# Quick Coupling Valves for Hand Watering

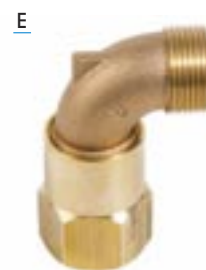
### The Best Thing Since Sliced Bread!

Quick coupling valves are very effective manual watering points. The valve is installed under the ground so that the lid is just under the surface; the key is then inserted into the valve when you want to hand-water & hey presto, water comes out. It is simpler to use than a Geka style Quick-Connect fitting and far less clumsy. You can have as many valves as you need installed under the ground across a site (always connect these to your mainline), and then just use the one key, which would be attached to your hand-watering hose. For best results you'd have a dedicated hose with the key permanently attached to it, so you can just grab the hose & key and take it to whatever Quick Coupling valve you need.



### 3/4" Plastic quick coupling valve & key

Order code	Rain Bird Ref.	Description	Price
RB-LP3300	P33	Rain Bird Plastic quick coupling valve c/w 3/4" male threaded base. You'll need one of these at every place you want to hand-water from. <i>(image A)</i>	<b>£20.80</b>
RB-LP3310	P33DK	Rain Bird key for the plastic valve c/w 3/4" male threaded swivel elbow at its top. You only need one of these for the site; it connects to the hand-watering hose. <i>(image B)</i>	<b>£4.28</b>



### 1" Brass Heavy Duty Quick Coupling Valve & key

Order code	Rain Bird Ref.	Description	Price
RB-B12806	5LRC-BSP	Rain Bird Brass Quick Coupling Valve with locking thermoplastic cover c/w 1" female threaded base. You'll need one of these at every valve box or watering point. <i>(image C)</i>	<b>£164.51</b>
RB-D06401	2049	Cover key to lock/unlock 5LRC cover; this is an accessory if you are worried about tampering. You only need one of these for the site.	<b>£26.74</b>
RB-B13401	55K1-BSP	Key for 1" Rain Bird Quick coupling valve; 1" BSP male thread on its top end. You only need one of these for the site; it connects to your hand-watering hose. <i>(image D)</i>	<b>£155.55</b>
RB-B40103	SH2-BSP	Brass swivel hose elbow for 55K-1 BSP, 1" female BSP x 1" male BSP. Use this attached to the top of the key to allow the hose to turn without twisting; you only need one of these for the site. <i>(image E)</i>	<b>£209.74</b>

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## HAND WATERING

# Sprinkler Hose

This perforated flat sprinkler hose produces a fine spray for irrigating anything from cricket wickets to garden beds and private lawns. It is great for gardens with fragile plants because the spray droplets are very fine. Coverage is about 5 metres diameter (2-3 metres either side of the hose) along the length of the hose.

Two lengths are available; 7.5 metres and 15 metres. The 7.5m length is great for most gardens. You can simply cut it shorter if it is too long for your garden. The 15m length is better for large lawns & gardens and for cricket wickets, bowling greens, etc.

Each roll is supplied with a hose connector at the start and a threaded cap at the end. You can join 2 hoses together to make one longer hose if required. Connect your existing garden hose into the start of this using a standard click-on connector.



Order code	Description	Price
1786110	Hozelock Sprinkler Hose 7.5 metre long	£37.25
1786111	Hozelock Sprinkler Hose 15 metre long	£48.95



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## FILTRATION

# 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 & 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 small golf and large landscape irrigation systems and one should be installed in every system to protect your hardware from debris.

Order code	Rain Bird Ref.	Description	Price
RB-X14610	ILCRBY100S	1" Large capacity SCREEN filter 130 micron with BSP threads	<b>£11.67</b>
RB-X14611	ILCRBY100D	1" Large capacity DISC filter 130 micron with BSP threads	<b>£18.26</b>
RB-X14612	ILCRBY150S	1½" Large capacity SCREEN filter 130 micron with BSP threads	<b>£34.74</b>
RB-X14613	ILCRBY150D	1½" Large capacity DISC filter 130 micron with BSP threads	<b>£41.44</b>
RB-X14614	ILCRBY200S	2" Large capacity SCREEN filter 130 micron with BSP threads	<b>£37.37</b>
RB-X14615	ILCRBY200D	2" Large capacity DISC filter 130 micron with BSP threads	<b>£49.03</b>
RB-X14618	LGFC120MS	SCREEN replacement cartridge - 130 micron -1½"-2"	<b>£12.92</b>
RB-X14619	LGFC120MD	DISC replacement cartridge - 130 micron -1½"-2"	<b>£29.22</b>



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## FILTRATION

# Flow Indicating Basket Filter

### Flow Indicating Basket Filter for landscape irrigation systems

The Flow Indicating Basket Filter is a new product from Rain Bird which is designed for residential watering systems. It provides several inputs in one single device:

- \* **Filtration:** to 100 microns (0.1mm); sufficient for dripline & micro-sprinkler systems.
- \* **Flow Indication:** It reads the actual flow rate in litres per minute and shows it on a large, easy-to-read display. This allows you to instantly see how much water is flowing.
- \* By adjusting the dial at the top of the Flow Rate display you can set it to show the flow rate at the time of installation. At any later date you can see if this has changed; a higher flow rate might indicate leaks in the system, while a lower flow rate might indicate that the system needs flushing or part of it is blocked.
- \* It includes an upright filter basket that is simple to remove and clean.
- \* **2.8 bar (40psi) pressure regulation:** is built-in, so regardless of variations in incoming pressure, the mechanism will not let more than 2.8 bar get through to the system. This protects the system.



Order code	Rain Bird Ref.	Description	Price
RB-X14155	IFLOW100	Flow Indicating Basket Filter (IFLOW100), includes 100 micron (0.1mm) filter element & flow indicating dial & pressure regulation to 2.8 bar	<b>£64.67</b>

### Quick Specs:

Flow rate range 11.6–75 litres per minute (700–4500 litres per hour)

Inlet pressure 0-10 bar

Regulated outlet pressure 2.8 bar

Filtration 100 micron (stainless screen)

Water Temperature 0.5°-43°C

Dimensions 16.5cm long x 17.3cm high x 8.8cm wide.

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## FILTRATION

# Pressure Regulating Filters

### Pressure Regulating Filters for landscape irrigation systems

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:**      $\frac{3}{4}$ " 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.



Order code	Rain Bird Ref.	Description	Price
RB-X13000	PRF075RBY	$\frac{3}{4}$ " pressure regulating filter RBY	£21.33
RB-X13013	PRF100RBY	1" pressure regulating filter RBY	£23.42
RB-X14020	RBY200MX	75 $\mu$ replacement screen for RBY series	£9.63

### Control Zone Start-up Kits for garden irrigation systems

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.



Order code	Rain Bird Ref.	Description	Price
RB-X10306	XCZ075 PRF	Drip control zone kit $\frac{3}{4}$ " complete with 24 vac solenoid valve & pressure-regulating filter	£43.46
RB-X10308	XCZ100PRF	Drip control zone kit 1" complete with 24 vac solenoid valve & pressure regulating filter	£39.92
RB-X10325	ICZ075TBOS	Drip control zone kit $\frac{3}{4}$ " complete with 9-volt DC latching solenoid valve & pressure regulating filter for the TBOS-BT & WPV battery controllers	£68.45
RB-X10327	IXZ100TBOS	Drip control zone kit 1" complete with 9-volt DC latching solenoid valve & pressure regulating filter for the TBOS-BT & WPV battery controllers	£63.50





## PUMPS & ACCESSORIES

# Irrigation Pumps & Accessories

You can purchase your irrigation pump from Origin Amenity. We sell Lowara, which is one of the best brands of irrigation pump in the world. Whereas we could create a separate price book just for pumps (there are literally thousands of options), if you would like to see what we can offer then the best bet is to contact us. Tell us what you intend to use the pump for (landscape, bowls, sports pitch or golf as examples) and we'll ask a few questions about your pipe sizes, distances you need to pump, elevations (important for hilly golf courses) and how many sprinklers you want to operate at once. Alternatively we can work sprinklers and pipe sizes out for you too if you're starting from scratch.

### Here are a few types of Lowara pump for different purposes:

1. **Horizontal multistage pumps** (*image A*) These are great for most landscape projects and are perfect if you only have 240 volts (single phase) available. They can be automated so your pump will turn on & off automatically. This pump would sit adjacent to your water tank and will need to be installed inside a small weatherproof enclosure, similar to a dog kennel.
2. **Vertical multistage pumps.** (*image B*) These are used extensively on golf courses and sports pitches where higher flow rates and pressures are required. The model & kilowatts of the pump will depend upon your duty (this is the combination of your required flow rate & delivery pressure). This pump also sits adjacent to your water tank and needs to be in a weatherproof enclosure.
3. **Submersible Scuba pumps.** (*image C*) This range of Lowara pumps is designed to sit inside your water tank where it is out of the way from prying hands. Great for small systems such as landscape systems and bowling greens. It is also great for large water features.
4. **Submersible borehole pumps.** (*image D*) These can get as large as you need. A borehole pump, as the name implies, fits snugly inside a borehole. If you have one in a water tank then it will need to be installed inside a "shroud" which ensures water is pumped past the motor to keep it cool.
5. **Sump pumps.** (*image E*) These are used for "dewatering" and are designed normally to pump at a very high flow rate but at a very low pressure; just enough to empty the hole over an embankment or into a drain. These can be great for water features and fountains. If you need a sump pump, call us.



B



C



E



D



\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytaylor.com](http://www.rigbytaylor.com) and insert the product **Order Code** (left hand column) into the "Enter your search item" box at the top of the Home page.



## PUMPS & ACCESSORIES

# Irrigation Pumps & Accessories

### Automation of your pump:

In the past many turf systems have relied on the irrigation controller to turn the pump on & off. The problem with this setup is that if you want to manually water, you have to manually turn the pump on. Automation of your pump means that it will hold pressure continuously in your mainline pipes, and will automatically turn on & off if you open a station or a manual watering point. For large pumps a variable speed drive (VSD) is a great option because this will offer a soft start, soft stop and save you kilowatts by just providing enough pressure for your system.

### Lowara Genyo *(image A)*

This is a great, economic way of controlling your 240vac pump. It will turn the pump on & off based on a pre-determined pressure. Simply tell it your minimum pressure (cut-in) and maximum pressure (cut-out). It will also turn the pump off in the event of running dry. The Genyo simply screws onto the outlet of the

Order code	Description	Price
IRR-GENYO8AF22	Lowara Genyo pump controller model 8, 2.2 kW	£213.02
IRR-GENYO16	Lowara Genyo pump controller model 16 R15-30	£284.02



### Lowara Resiboost *(image B)*

This is the perfect pump controller for 240vac horizontal multistage pumps. It makes the pump turn on & off based on downstream pressure, using a built-in pressure transducer. It will also turn the pump off in the event of no water, such as when your tank runs dry. This is an economic professional pump controller for 240vac systems.

Order code	Description	Price
IRR-RESIBOOST6A	ResiBoost 6 amp single phase variable speed pump controller	£815.15
IRR-RESIBOOST12A	ResiBoost 12 amp single phase variable speed pump controller	£947.22



### Lowara Smart Pump *(image C)*

This is a pump/ controller combination produced by Lowara. The Smart component fits snugly on top of the horizontal multistage pump or on the side of a single-phase vertical multistage pump. It works as a variable speed; adjusting the speed of the motor to control the downstream pressure. It will also shut the pump down in a no-flow situation. This is equivalent to a Hydrovar (refer below) but for a 240vac



### Hydrovar *(image D)*

The hydrovar is a variable speed drive (VSD) which controls the frequency of the power going into the pump to control its speed. By having a pressure sensor downstream, the Hydrovar will speed the pump up or slow it down in order to maintain a pre-specified downstream pressure. It will also provide soft-start (starts the pump up slowly) and soft-stop (slows the pump down slowly) so you won't get surges & water hammer in your system. If you run out of water it will turn the pump off. The Hydrovar can save you a great deal of money by making the pump only use the amount of power it needs to maintain your pre-set water pressure. If you are hand-watering, the Hydrovar will maintain the pump at low speed, just to maintain the pressure. Then when your irrigation system is fully operating, it will speed the pump up accordingly. A variable speed drive should be installed on every 3-phase pump. You can purchase your pump with one pre-installed or you can purchase one for an existing pump. Call us for further information.





## PUMPS & ACCESSORIES

# Irrigation Pumps & Accessories

### Useful Accessories

Order code	Description	Price
IRR-BH25060E	Braided steel hose 1" BSP x 60cm c/w female elbow	£22.20



### Pressure Tanks

Order code	Description	Price
IRR-PRESSTANK24LH	Lowara pressure tank 24 litre horizontal, blue, 1" inlet	£147.69
IRR-PRESSTANK24V	Lowara pressure tank 24 litre vertical, blue, 10 bar rated, 1" inlet	£170.41
IRR-PRESSTANK100LH	Lowara pressure tank 100 litre horizontal, blue, 1" inlet	£606.77
IRR-PRESSTANK100V	Lowara pressure tank 100 litre vertical, blue, 10 bar rated, 1" inlet	£700.12
IRR-PRESSTANK200V	Lowara pressure tank 200 litre vertical, blue, 10 bar rated, 1½" inlet	£1,158.82



### Pressure Gauges

Pressure gauges are very handy, they let you see what's going on with the pressure. You can even install one on each side of a filter to see when the filter is getting blocked

Order code	Description	Price
IRR-PG10BAR	Lowara pressure gauge, bottom entry 10 bar	£39.76
IRR-PG16BAR	Lowara pressure gauge, bottom entry 16 bar	£59.64

### Floatswitch

This is very handy when you want to ensure your pump will turn off if the water in your tank gets too low; you can use one also to turn a pump on to fill the tank.

Order code	Description	Price
IRR-FLOATSWITCH	Lowara Key W float switch plus 10 metres of cable	£59.64



\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytailor.com](http://www.rigbytailor.com) and insert the product **Order Code** (left hand column) into the "Enter your search item" box at the top of the Home page.



## WATER STORAGE

# Water Storage Tanks

### Water storage tanks for non-potable irrigation water

You can purchase your water storage tanks from Rigby Taylor Ltd. Whether you need a 1,000 litre tank for a small landscape project or 90,000 litres (20,000 gallons) for a golf course, we can help.

We use Enduramaxx primarily. These tanks are constructed of polypropylene and are fully enclosed with a screwed vented manhole lid.

Compared with corrugated steel tanks they are very simple to install and will last for decades. They don't have a rubber liner that will need replacing, they don't rust and they cost significantly less. Installation will take a few hours... not days. You can install them yourself. No need for thousands of £ in contractor installation costs!

The largest polypropylene tank is 30,000 litres (6,600 gallons). If you need more volume then it is very simple to have 2 or more tanks installed in parallel; sit them beside each other. So long as they are at the same ground level the connecting suction pipe going to your pump will balance them out (as long as you don't have a non-return valve between them). Just connect your tank-fill pipe to one tank & the other/s will fill, or balance, naturally.

Polypropylene tanks are also easy to fit into the right position; you can even roll them (carefully) into position before standing them up into their final position.

We also have tank connection fittings, so if you want to make a hole; for example for your tank-fill inlet pipe, then simply use a hole-saw and then a tank fitting. These are available up to 3" BSP diameter. We also stock ballcocks and floats. All our Enduramaxx tanks come complete with a 2" threaded outlet complete with a 2" Hansen ball valve.

### Polypropylene Water Storage Tanks

Not suitable for potable drinking water:

Order code	Description	Price
IRR-TANKSLIM100	1,000 litre rectangular slimline tank (17131001) 1350mm long x 760 deep x 1300mm high ( <i>image A</i> )	<b>£296.80</b>
IRR-TANK1000	1,000 litre water storage tank (17251001) 980mm dia x 1600 H ( <i>image B</i> )	<b>£265.00</b>
IRR-TANK2000	2000 litre water storage tank (17210801) 1200mm dia x 1960 H ( <i>image C</i> )	<b>£296.80</b>
IRR-TANK5000	5000 litre water storage tank (17211501) 1900mm dia x 2300 High ( <i>image D</i> )	<b>£689.00</b>
IRR-TANK10000	10,000 litre water storage tank (17212201) 2400mm dia x 2500 high ( <i>image E</i> )	<b>£1,155.00</b>
IRR-TANK20000	20,000 litre water storage tank (17213801) 2850mm dia x 3600 high ( <i>image F</i> )	<b>£2,226.00</b>
IRR-TANK30000	30,000 litre water storage tank (17216001) 3450mm dia x 3650 high ( <i>image G</i> )	<b>£3,869.00</b>
Other tank volumes and sizes available on request.		



### Useful accessories

Order code	Description	Price
IRR-HTFFTB25	Hansen Tank outlet with male x female 1" BSP thread 16 bar ( <i>image H</i> )	<b>£9.68</b>
IRR-HTFFTB50	Hansen Tank outlet with male x female 2" BSP thread 16 bar	<b>£24.35</b>
IRR-FVB100	Brass float valve 1" BSP 6 bar for water storage tanks	<b>£40.31</b>
IRR-FVB200	Brass float valve 2" BSP 6 bar for water storage tanks	<b>£158.46</b>
IRR-PBF150	Plastic ball float for brass float valve - 150mm ball	<b>£8.17</b>





## WATER STORAGE

# Float Valves for Tanks

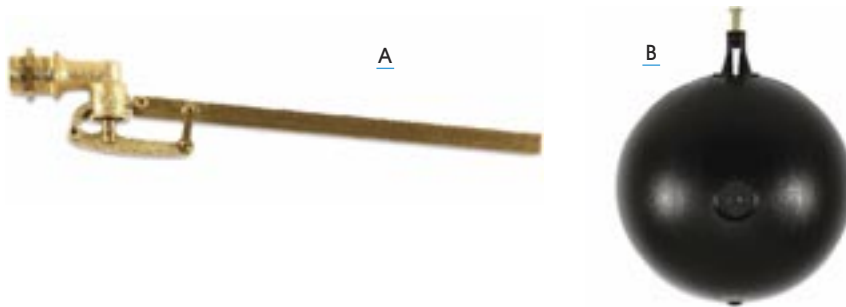
Float valves are used to control the amount of water that is filling your water storage tank. Larger diameter float valves will allow a greater flow rate if you have it available. The Float valve comes without the ball float; refer to the plastic ball float at the bottom of the list.

Order code	Description	Price
IRR-FVB050	½" BSP 6 bar for water storage tanks	£23.55
IRR-FVB075	¾" BSP 6 bar for water storage tanks	£27.69
IRR-FVB100	1" BSP 6 bar for water storage tanks	£40.31
IRR-FVB125	1¼" BSP 6 bar for water storage tanks	£95.86
IRR-FVB150	1½" BSP 6 bar for water storage tanks	£124.62
IRR-FVB200	2" BSP 6 bar for water storage tanks	£158.46

### Plastic Ball Float *(image B)*

These floats connect to the above float valves:

Order code	Description	Price
IRR-PBF120	120mm ball	£5.70
IRR-PBF150	150mm ball	£8.17
IRR-PBF180	180mm ball	£11.15





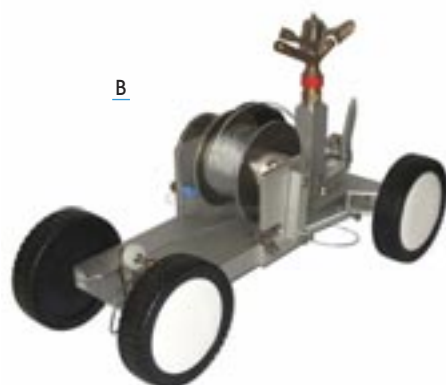
## TRAVELLING IRRIGATORS

# Travelling Irrigators

Use these to irrigate large areas (in straight lines) semi-automatically. The smaller models are great for sports pitches, while the bigger Speedy Rain models are also perfect for fairway irrigation.

Camlock connectors are perfect for connecting these to your underground pipe. Refer to the Camlock Fittings elsewhere in this book.

Order code	Wetted Diameter	Description	Price
IRR-RAINTRAIN	5-18 metres	Rain Train traveling "Sprinkler Tractor" suitable for residential lawns. 70 metres distance of coverage (can be around bends), 18 metre maximum wetted strip, speed 10-20 metres per hour (it has 2 speeds to choose from). Heavy Cast Iron body keeps the machine following the garden hose. 20mm garden hose recommended. <i>(image A)</i>	<b>£195.14</b>
IRR-RAINING	16-40 metres	Rain King Travelling sprinkler suitable for small sports pitch areas. 175 metres pull-out length, 16-40 metres wetted diameter, speed 9-25 metres per hour. <i>(image B)</i>	<b>£1,782.67</b>
IRR-SPEEDYRAIN300P	24-30 metres	Speedy Rain travelling irrigator 32/90: 32mm hose x 90 metres length. 3.5 to 5 bar inlet pressure. 24-30 metres wetted diameter. Auto stop mechanism. c/w impact sprinkler	<b>£3,538.46</b>
IRR-SPEEDYRAIN405	28-36 metres	Speedy Rain travelling irrigator 40/130: 40mm hose x 130 metres length. 4.5-8 bar inlet pressure. 28-36 metres wetted diameter. Auto stop mechanism. c/w Komet R20 impact sprinkler <i>(image C)</i>	<b>£6,761.54</b>
IRR-SPEEDYRAIN505	32-54 metres	Speedy Rain travelling irrigator 50/160: 50mm hose x 160 metres length. 4.5-8 bar inlet pressure. 32-54 metres wetted diameter. Auto stop mechanism. c/w Komet 163 impact sprinkler <i>(image D)</i>	<b>£7,976.92</b>



\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytaylor.com](http://www.rigbytaylor.com) and insert the product Order Code (left hand column) into the "Enter your search item" box at the top of the Home page.



## Automatic Self-Cleaning Disc Filtration

When you have a large project and you're pulling water from a stream, pond or lake, it's important to protect the irrigation system from debris. If you choose not to, then you can expect to have all sorts of issues with solenoid valves jamming open, sprinklers weeping and even pipes getting clogged up over time. You can avoid these major problems by installing a filter. Most solenoid valves and electric rotors need protection to about 300 microns (0.3mm) so this is far smaller than your suction inlet screen. Dripline systems generally require 200 micron filtration.

There are 2 main types of filter elements; screens and discs. A screen is just that; it's normally stainless. The problem is when you are removing algae & other organic matter, this gets stuck within the screen and is difficult to remove. Disc filters are better in this instance because the debris get caught between thin 3-dimensional plastic discs that resemble the gills on a fish. When it's time to flush the debris out, the discs get separated and the algae and organic matter are released and flushed to waste.

Rain Bird offers disc filtration with automatic back-flushing for large systems. These come ready to bolt into your irrigation system mainline downstream of your irrigation pump. The back-flush system requires single phase power.

Choosing the correct filter bank is determined by the overall flow rate of your irrigation system, keeping in mind the amount of extra water that the back-flushing will require. If you are unsure then please contact us... that's what we're here for!

Choose the filter for your project based on the maximum flow rate of your irrigation system. Please note the maximum flow rates listed below will be reduced if your water is dirtier.

## Series 2 Automatic Filters:

Order code	Rain Bird Ref.	Description	Price
RB-CF2201X2E	HDF 1x2/2	2" filter, 2" BSP Threaded HDPE Manifold (HDF 1x2/2) maximum flow rate 24m <sup>3</sup> /hour (6.6 litres per second). Maximum pressure 10 bar <i>(image A)</i>	<b>£1,190.34</b>
RB-CF2202X2E	HDF 2x2/3F	Two x 2" filters, 3" Flanged HDPE Manifold, maximum flow rate 48m <sup>3</sup> /hour (13.3 litres per second). Maximum pressure 10 bar <i>(image B)</i>	<b>£2,166.26</b>
RB-CF2203X2E	HDF 3x2/4F	3 x 2" filters, 4" Flanged HDPE Manifold (HDF 3x2/4F) maximum flow rate 72m <sup>3</sup> /hour (20 litres per second). Maximum pressure 10 bar <i>(image C)</i>	<b>£3,025.67</b>
RB-CF2204X2E	HDF 4x2/6F	4 x 2" filters, 6" Flanged HDPE Manifold (HDF 4x2/6F) maximum flow rate 96m <sup>3</sup> /hour (26 litres per second). Maximum pressure 10 bar	<b>£4,114.48</b>
RB-CF2205X2E	HDF 5x2/6F	5 x 2" filters, 6" Flanged HDPE Manifold (HDF 5x2/6F) maximum flow rate 120m <sup>3</sup> /hour (33 litres per second). Maximum pressure 10 bar	<b>£5,036.42</b>
RB-CF2206X2E	HDF 6x2/6F	6 x 2" filters, 6" Flanged HDPE Manifold (HDF 6x2/6F) maximum flow rate 144m <sup>3</sup> /hour (40 litres per second). Maximum pressure 10 bar	<b>£5,842.59</b>
RB-CF2207X2E	HDF 7x2/6F	7 x 2" filters, 6" Flanged HDPE Manifold (HDF 6x2/6F) maximum flow rate 168m <sup>3</sup> /hour (46 litres per second). Maximum pressure 10 bar	<b>£6,577.61</b>
RB-CF2208X2E	HDF 8x2/8F	8 x 2" filters, 8" Flanged HDPE Manifold (HDF 6x2/6F) maximum flow rate 192m <sup>3</sup> /hour (53 litres per second). Maximum pressure 10 bar	<b>£7,321.72</b>

A



B



C





## COMMERCIAL FILTERS

# Commercial Filters

### Control Units for the above filters

The above filters require automation. The Filtron 110 backflush controller allows the filters to flush themselves automatically, based on a pre-determined time of the day, or based on pressure differential; this is the difference between the inlet & outlet pressures of the filter. As the filters begin to clog, the downstream pressure will drop & the inlet pressure will increase. This triggers the controller to activate a back-flushing cycle.

When the system is activated to flush, it will flush one filter unit at a time, so when you have a bank of filters the irrigation can continue as normal. Solenoid valves for back-flushing can be 24vac or 12vdc.

Choose the filter controller below to match your filter bank. For more information, call us!



Order code	Rain Bird Ref.	Description	Price
RB-CF2201X2ACE	110-1AC	1 Station Control Unit (AC) 220 V	<b>£792.43</b>
RB-CF2202X2ACE	110-2AC	2 Station Control Unit (AC) 220 V	<b>£953.04</b>
RB-CF2203X2ACE	110-3AC	3 Station Control Unit (AC) 220 V	<b>£1,070.46</b>
RB-CF2204X2ACE	110-4AC	4 Station Control Unit (AC) 220 V	<b>£1,224.38</b>
RB-CF2205X2ACE	110-5AC	5 Station Control Unit (AC) 220 V	<b>£1,334.45</b>
RB-CF2206X2ACE	110-6AC	6 Station Control Unit (AC) 220 V	<b>£1,491.79</b>
RB-CF2207X2ACE	110-7AC	7 Station Control Unit (AC) 220 V	<b>£1,620.29</b>
RB-CF2208X2ACE	110-8AC	8 Station Control Unit (AC) 220 V	<b>£1,773.08</b>

\* Prices are subject to change. For up-to-date prices, log onto [www.rigbytaylor.com](http://www.rigbytaylor.com) and insert the product **Order Code** (left hand column) into the "Enter your search item" box at the top of the Home page.





# Useful Conversions

## Grass Seed Quantity Guides (approximate)

How many 20kg bags of seed needed for certain sports pitches at specific application rates

Sports Facility	Dimension (metres)	Area (m <sup>2</sup> )	No. of 20kg bags sown at:		
			20 gms per m <sup>2</sup>	25 gms per m <sup>2</sup>	35 gms per m <sup>2</sup>
Soccer	100 x 64	6,400	6.4	8	11.2
Rugby	100 x 69	6,900	6.9	8.6	12.1
Hockey	91.4 x 55	5,027	5	6.3	8.8
Cricket Square	30 x 30 (Average)	900	0.9	1.1	1.5
Lawn Tennis	23.8 x 11	262	0.3	0.3	0.45
Bowls	40 x 40	1,600	1.6	2	2.8
Golf Green	Average	500	0.5	0.6	0.9
Golf Tees	Average	350	0.4	0.4	0.6
1 hectare		10,000	10	12.5	17.5

## Mass per area

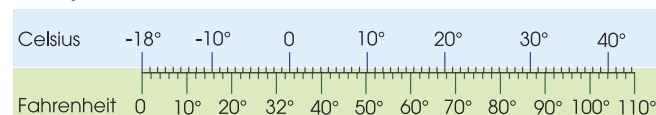
oz/sq.yd	=	g/sq.m
1/4	=	8.5
1/2	=	17
1	=	34
2	=	68
3	=	102
4	=	136
5	=	170
6	=	204
7	=	238
9	=	306
10	=	340
15	=	510
20	=	680

## Grass seed Sowing Rate Conversions

All Rigby Taylor seed sowing rates are expressed in grams per square metre. The following table can be used to convert these rates to units suited to larger areas or to imperial measurements.

Grams/m <sup>2</sup>	8.0	15.0	25.0	35.0	50.0
Kilograms/100m <sup>2</sup>	0.8	1.5	2.5	3.5	5.0
Kilograms/hectares	80.0	150.0	250.0	350.0	500.0
Kilograms/acre	30.0	60.0	100.0	140.0	200.0

## Temperature



Degree Centigrade (°C) to Degree Fahrenheit (°F) multiply by 1.8 and add 32

## Spraying speeds

kph	4	8	9	10	11	12	13	14	15
mph	2.5	5.0	5.6	6.2	6.8	7.5	8.0	8.7	9.3

## Mass & Area

Weight	pounds	to kilogrammes	divide by	÷ 2.205	kilogrammes	to pounds	multiply by	× 2.205
	tons	to tonnes	multiply by	× 1.016	tonnes	to tons	divide by	÷ 1.016
Area	acres	to hectares	divide by	÷ 2.471	hectares	to acres	multiply by	× 2.471
	square yards	to square metres	multiply by	× 0.8361	square metres	to square yards	divide by	÷ 0.8361
Volume	pints	to litres	multiply by	× 0.568	litres	to pints	divide by	÷ 0.568
	litres	to gallons	divide by	÷ 4.546	gallons	to litres	multiply by	× 4.546
Weight / Area	tons/acre	to tonnes/hectare	multiply by	× 2.51	tonnes/hectare	to tons/acre	divide by	÷ 2.51
	cwts/acre	to tonnes/hectare	divide by	÷ 8.00	tonnes/hectare	to cwts/acre	multiply by	× 8.0
	cwts/acre	to kilogrammes/hectare	multiply by	× 125.00	kilogrammes/hectare	to cwts/acre	divide by	÷ 125.0
Volume / Acre	pints/acre	to litres/hectare	divide by	÷ 0.712	litres/hectare	to pints/acre	multiply by	× 0.712
	gallons/acre	to litres/hectare	multiply by	× 11.233	litres/hectare	to gallons/acre	divide by	÷ 11.233
	lbs/cu.ft	to kg/cubic metres	multiply by	× 16.052	kg/cubic metres	to lbs/cu.ft	divide by	÷ 16.052

Length	1 metre	=	100 centimetres
		=	3.28 feet
		=	1.09 yards
	1 yard	=	3 feet
Area		=	0.914 metres
	1 sq. metre	=	1.20 sq. yards
	1 sq. yard	=	0.836 sq. metres
	1 hectare	=	10,000 sq. metres
	10,000 sq. metres	=	2.471 acres

Volume	1 litre (1,000ml)	=	35.21 fl.oz
		=	1.76 pints
Weight	1 gallon	=	4.55 litres
	1 gramme	=	0.036 ounces
	1 kilogramme	=	35.21 ounces
		=	2.21 pounds
	1,000 kilogrammes	=	1 metric tonne
	1 ton	=	1.016 tonnes



Scan to explore



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E-mail: [sales.irrigation@originamenity.com](mailto:sales.irrigation@originamenity.com)

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