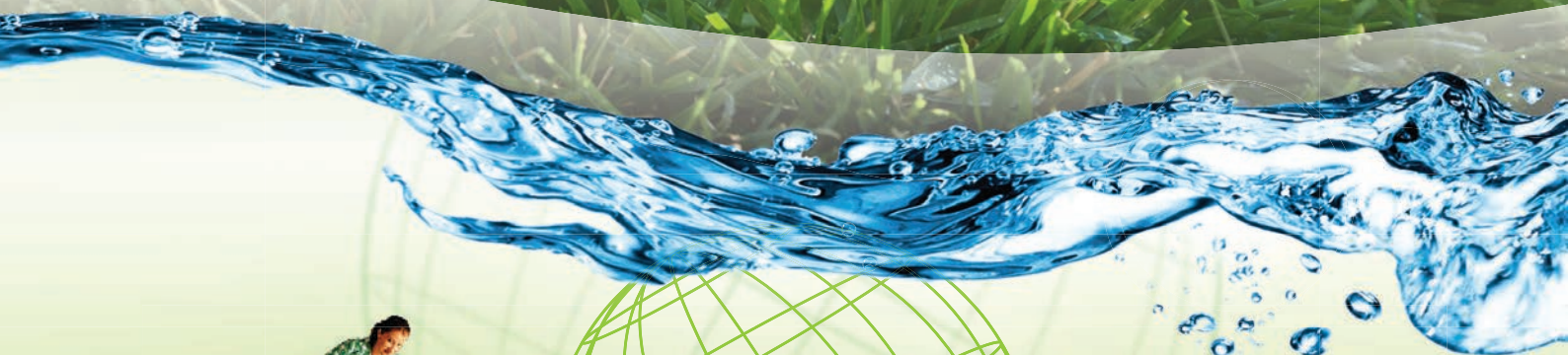




bringing water to life



# H GEBUTIKKEN



## Park og Anlegg

YOUR PARTNER IN PROFESSIONAL IRRIGATION PRODUCTS





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# Thanks for picking up this catalogue. If you are looking for water efficient systems, you are looking in the right place!

## Fresh water is extremely precious

Fresh water is extremely rare! Only 2.5% of the world's water is fresh water. Globally at least 25% of this water is lost through leakage. Knowing that our world will house 10 billion people by 2050 and that climate change is altering patterns of weather and water, the need for clean water will only increase and just as bad crops increase the price of produce, so will droughts increase the price of water.

We see this as an amazing opportunity to share our expertise and products. When we help solve your water challenge, we contribute to the saving of fresh water for future generations.

## Innovative, economic and ecological products

You can therefore expect quality products and brands from us that which flow from our passion. We take initiative in providing you with innovative, economic and ecological products in the fields of our expertise: irrigation, swimming pools, water treatment and geothermal. By staying close to our customers, installers, suppliers, industry and non-governmental organisations we improve our product knowledge and create lasting mutual benefit.

## Transformation in garden irrigation

Climate change and our fast pace of living have an effect on water availability and free time. Therefore, the time that you can spend taking care of your beautiful garden has decreased significantly and has challenged us to find solutions for automated irrigation to reduce water usage and save your time. Our company has the ability to design gardens so you as the **INSTALLER** can spend your time on what is really important:

**Install sprinkler systems and help private owners to keep their gardens beautiful and green.**

## Our promise:

- Complete range from source to crop
- Fast deliveries from stock
- Fast and easy ordering: online and personal
- Tailored advice through years of experience
- Professional AutoCAD design drawings and list of materials

Look through and find out how you can improve your systems!

**bringing water to life**

*"Whether you want to irrigate vegetables, fruit or plants, in this catalogue you will find the right solution"*



## We can help you with your garden design!

We value your time, therefore our garden design team is able to support you when needed, so you as the **INSTALLER** can spend your time on what is really important!

If you are interested, please go to our website [www.bosta.co.uk](http://www.bosta.co.uk) and click on the gardendesignpage.



# Choose the right irrigation for your project



HERO PRODUCTS



SAVE WATER



ENERGY EFFICIENT



GARDENS & PARKS



FAST INSTALLATION



LOW BUDGET



STOCK GUARANTEED



SPORTS FIELDS



# Automatic irrigation for a beautiful landscape with confidence

**An automatic irrigation system with a controlled water intake system allows you to:**

- **Enjoy more spare time**  
while your automatic watering takes care of your garden.
- **Save water**  
as it is applied by a programmable controller at night when evaporation is low.
- **Maintain the health of your landscape**  
by regular and controlled water supply.
- **Help save money**  
as the plants are watered according to their needs, without excess.
- **Have peace of mind**  
and enjoy your holiday knowing that your garden is automatically maintained.
- **Protect the environment**  
through the intelligent use of water.



## Guaranteed Water Savings

Controllers automatically monitor irrigation cycles and sensors contribute to water savings by preventing irrigation systems from watering in the rain. Adding such devices can result in 25% or more in water savings.

These water savings will be achieved with a properly designed irrigation system, proper installation and regular system maintenance.

Peace of mind for your garden, in agreement with the planet!





### **Our commitment**

We can help you select the most suitable products for your project based on the configuration of the landscaped area and the available water flow and pressure.

Our commitment goes beyond the design and specification of your system. We will provide installation follow-up, and if necessary, system expansion.

### **Our proposition**

To be successful your installation needs efficient and durable products. With 25 years of irrigation experience, we provide our customers with both product quality and the largest range of products offering in the market: including spray heads, rotors, valves, 230V or battery-operated controllers, landscape drip fittings and accessories.

**Product details as well as technical data are available at [www.bosta.co.uk](http://www.bosta.co.uk)**





## Valves



Operated by a controller, electric valves open and allow the water supply to flow to sprinklers or drip line.

### Low Flow Valve

### Valves

DV and HV electric valves are ideal for residential installations. Available with 24V solenoid (for 230V controllers) or with 9V solenoid (for battery powered controllers).



 from 0.045 to 1.8 m<sup>3</sup>/h  
 from 1.0 to 10.3 bars

#### DV DRIP - Low Flow

7019386

Designed for drip irrigation systems.



 from 0.045 to 9.08 m<sup>3</sup>/h  
 from 1.0 to 10.4 bars

#### DV

7019450

The market standard.



#### HV

7021673

Top quality at the best price.



### Valve boxes

They protect installed irrigation valves and battery controllers and allow easy access for maintenance and adjustment.

**VBA - 02674**

7021740

# Controllers

## 230 V Controllers

The controller tells the valves to open or close, turning the sprinklers on or off.



**ESP-RZXe**  
7021759  
Available in 4,6,8 station versions.



**ESP-Me**  
7019459  
Number of zones expandable from 4 to 22 stations.

### LNK Wifi Module

7020829  
Control your irrigation system remotely from anywhere in the world!



### Water Timers

Very easy to program, this water timer is screwed onto an outdoor tap to automate low volume irrigation.



7019464 (EN/NL/FR)  
7019465 (DE)  
7021778 (PL/SE/)  
Ideal for balconies or small gardens.

## Battery-Powered Controllers

These battery-powered controllers are the ideal solution on sites where no AC power supply is available. They are 100% waterproof and fully submersible.

### WPX series

Can be installed in a valve box. Create common program schedules in three easy steps. The LCD screen shows all of the programming for each zone at the same time.



IP 68

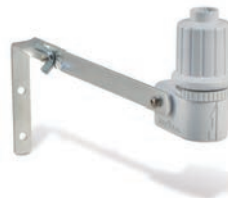
7021779

## Rain Shutoff Devices

Electronic rain shutoff devices are indispensable in all automatic irrigation systems for residential use. They monitor rainfall or freeze levels and automatically override the controller to prevent unnecessary irrigation.



**WR2 wireless Rain Freeze sensor**  
7021773



**RSD-Bex wired Rain sensor**  
7019462



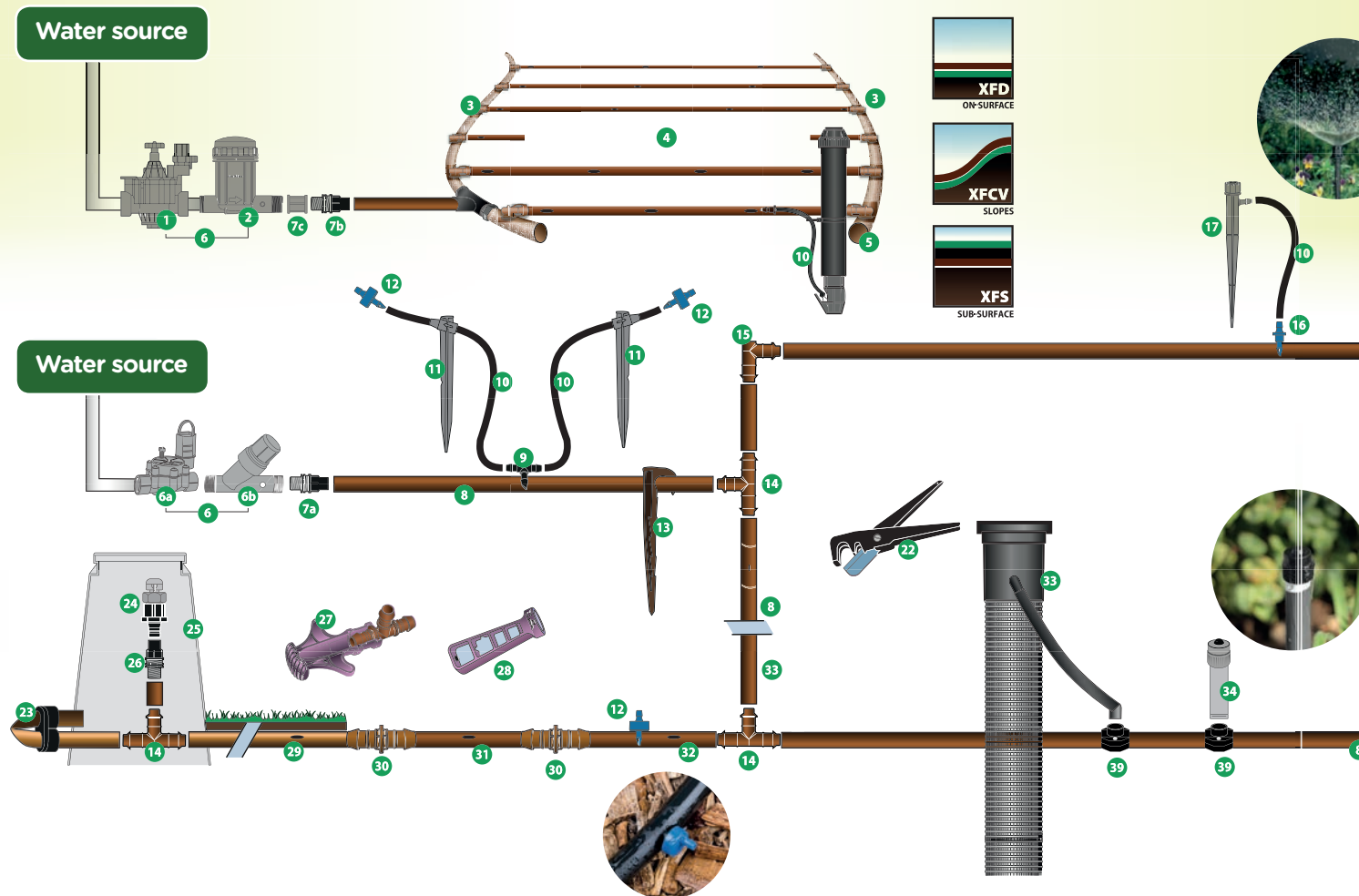
**SMRT-Y Soil moisture sensor**  
7019463

## Designed for water saving

- **Water budget**  
Allows easy irrigation program adjustments to match seasonal needs.
- **Rain delay**  
In the event of a prolonged rain, you can easily suspend the irrigation schedule using "Rain Delay" feature which enables system to stay off for a specified period with an auto-restart.
- **Easy and customisable programming**  
All controllers simplify conservation through a variety of flexible programming features.



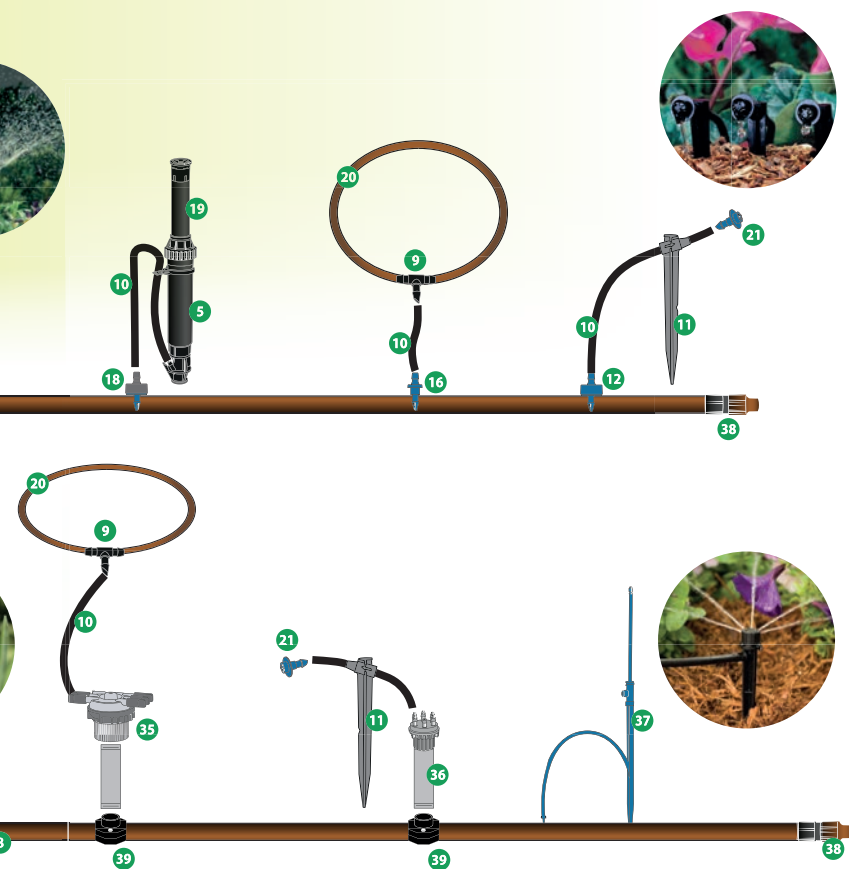
# Anatomy of a landscape drip system



## Broadest product line in the industry

We have the products needed for your application. Systems can be designed to meet any site requirements including:

- Flexible XF Series dripline with advanced polymers that provide kink-resistance and reduced coil memory for easier installation **4**
- Compact Control Zones with matched pressure regulator and filter to reduce parts, eliminate potential leak problems and allow for fitting more Control Zones in a valve box **6**
- Precision low volume SQ spray nozzles that offer a square wetting pattern and adjust to either 0.8 m or 2.5 m throw distances **19**
- Point-source emitters that provide pressure compensation with a wide selection of flow rates and the three inlet options (Barb) **18**
- XFS dripline with Copper Shield Technology™ for use in sub-surface applications under turf or shrub and groundcover areas. The copper chip effectively protects the emitter from root intrusion. **29**



## Targeted watering with landscape drip

Landscape drip products are made especially for low-volume irrigation systems. By delivering water at or near the plants' root zones, our products offer targeted watering with the following advantages:

- Water conservation
- Greater efficiency (target each plant)
- Design flexibility; simple construction and easily expandable
- Healthier plants
- Reduced liability (e.g. no overspray, no runoff)
- Minimisation of weed growth
- Cost savings

*Note: Not all products listed in the product guide section are in the diagram above*

1	PGA Valve	7021680
2	Basket Filter	7021519
3	QF Header	7021542
4	XF Dripline (XFD / XFS / XFCV)	7022017
5	Xeri pop	7021587
6	Control zone kit	7021507
6a	DV drip	7019450
6b	Pressure regulating filter	7021517
7a	Lock fitting 16mm (BF-62-75)	7021552
7b	Lock fitting 16mm (BF-82-75)	7021551
7c	Lock fitting 16mm (BF-12)	7021546
8	XF Blank Tubing	7019391
9	BF3 tee (4-6mm)	7019397
10	4-6mm Distribution Tubing	7021585
11	TS-025 6mm Tubing stake	7021576
12	XB PC emitter (2, 4, 8 l/h)	7021566
13	Tie Down stake	7021563
14	XFF Tee	7021558
15	XFF elbow	7021557
16	BF1 union (4-6mm)	7019395
17	Micro spray on spike (SXB serie)	7021575
18	Self-piercing barb connector (SPB-025)	7021583
19	SQ serie nozzle	7021589
20	1/4" Dripline (4-6mm)	7022019
23	Tubing end closure (700CF-22)	7020667
24	1/2" Vacuum breaker	7021545
25	Valve box	7021738
26	Lock fitting 16mm (BF62-50)	7021550
27	Tool for insert fitting (FitinsTool)	7021562
28	XM tool	7021564
29	XFS Dripline	7021538
30	XFF Coupling	7021546
31	XFD Dripline	7022017
32	XFCV Dripline	7021540
33	RWS series (root watering system)	7021593
34	PCT Serie (Pressure compensating bubbler)	7021570
35	6 outlet manifold	7021574
36	XB-10-6 — Multi outlet dripper (6x4l/h)	7021573
37	Jet spike	7021579
38	BF plug lock	7021554





## **DRIP AND MICRO**

Drip Irrigation Hoses

Drip Fittings and Tools

Emitters, Micro Jets and Tools

Root Watering Systems

# DRIP AND MICRO

## Drip Irrigation Hoses



RAIN BIRD



### Rain Bird Drip irrigation hose, type Inline micro

The Rain Bird drip irrigation hose, type micro is ideal for small areas like flower or vegetable boxes, container gardens, loops around shrubs and trees, vegetables gardens and shrubs. This 1/4" non compensated drip hose has a built-in filtration system and a double outlet perforations that reduce the possibility of clogging.

The 1/4" brown drip hose fits perfectly with 1/4" barbed fittings.

PART NO.	SIZE	WALL THICK-NESS mm	FLOW ltr/h	SPACING cm	REC. PRESS. bar	LENGTH m	MAX. LENGTH m	MOQ
7022019	6 mm	1,0	3	15	1.0 - 2.0	30	10	30
7021544	6 mm	1,0	3	30	1.0 - 2.0	30	5.8	30



RAIN BIRD



### Rain Bird Drip irrigation hose, type PC inline XF-D

The Rain Bird Drip irrigation hose, type PC inline XF-D is ideal for drip irrigation on ground cover, dense plantings, hedge rows, trees and in many other applications.

The brown XF-D driphose can be fitted with the XF insert and lock type fittings.

The XF-D drip hose pressure compensated range goes from 1.0 up to 3.8bar.

The XF-D special material gives it additional flexibility in order to avoid kinks in the coils before and during instalation.

The benefit of this is to save time and material by allowing tigther turns with less fittings and stakes.

The inline drippers have a protected labyrinth which allow it to control the flow more precisely when compared to a round dripper.

PART NO.	SIZE	WALL THICK-NESS mm	FLOW ltr/h	SPACING cm	REC. PRESS. bar	LENGTH m	MAX. LENGTH m	MOQ
7022017	16 mm	1,2	1.6	33	1.0 - 3.8	100	140	100
7021526	16 mm	1,2	2.3	33	1.0 - 3.8	25	147	25
7021527	16 mm	1,2	2.3	33	1.0 - 3.8	50	147	50
7021528	16 mm	1,2	2.3	33	1.0 - 3.8	100	147	100
7021530	16 mm	1,2	2.3	40	1.0 - 3.8	100	148	100
7021531	16 mm	1,2	2.3	50	1.0 - 3.8	100	169	100



RAIN BIRD



### Rain Bird Drip irrigation hose, type PC inline XF-DB

The Rain Bird Drip irrigation hose, type PC inline XF-DB is ideal for drip irrigation on ground cover, dense plantings, hedge rows, trees and in many other applications.

The brown XF-DB driphose can be fitted with the XF insert and lock type fittings.

The XF-DB special material gives it additional flexibility in order to avoid kinks in the coils before and during instalation.

The benefit of this is to save time and material by allowing tigther turns with less fittings and stakes.

The inline drippers have a protected labyrinth which allow it to control the flow more precisely when compared to a round dripper.

PART NO.	SIZE	WALL THICK-NESS mm	FLOW ltr/h	SPACING cm	REC. PRESS. bar	LENGTH m	MAX. LENGTH m	MOQ
7021532	16 mm	1.2	2.3	33	1.0 - 3.8	25	147	25
7021533	16 mm	1.2	2.3	33	1.0 - 3.8	50	147	50
7021534	16 mm	1.2	2.3	33	1.0 - 3.8	100	147	100

### Rain Bird Drip irrigation hose, type PC inline XF-DB

The Rain Bird Drip irrigation hose, type PC inline XF-DB is ideal for drip irrigation on ground cover, dense plantings, hedge rows, trees and many more applications.

The brown XF-DB driphose can be fitted with the XF insert and lock type fittings.

The XF-DB special material gives it additional flexibility in order to avoid kinks in the coils before and during installation.

The benefit of this is to save time and material by allowing tighter turns with less fittings and stakes.

The inline drippers have a protected labyrinth which allow it to control the flow more precisely when compared to a round dripper.



**RAIN BIRD**



PART NO.	SIZE	WALL THICKNESS mm	FLOW ltr/h	SPACING cm	LENGTH m	MAX. LENGTH m	MOQ
7021536	16 mm	1.2	3.5	33	50	116	50
7021537	16 mm	1.2	3.5	33	100	116	100

Maximum Lateral Length (Meters)		
Inlet Pressure Bar	Maximum Lateral Length (Meters) 33 cm Spacing	
	Nominal Flow (l/h)	
	1,6	2,3
1,0	104	79
1,7	131	104
2,4	144	121
3,1	150	126
3,8	175	147

Maximum Lateral Length (Meters)		
Inlet Pressure Bar	Maximum Lateral Length (Meters) 40 cm Spacing	
	Nominal Flow (l/h)	
	2,3	
1,0	85	
1,7	108	
2,4	127	
3,1	141	
3,8	148	

Maximum Lateral Length (Meters)		
Inlet Pressure Bar	Maximum Lateral Length (Meters) 50 cm Spacing	
	Nominal Flow (l/h)	
	2,3	
1,0	100	
1,7	129	
2,4	152	
3,1	162	
3,8	169	



# DRIP AND MICRO

## Drip Irrigation Hoses



### IDIT Drip irrigation hose

Dripline, short coils, especially for small projects.



PART NO.	SIZE	WALL THICK-NESS mm	FLOW ltr/h	SPACING cm	REC. PRESS. bar	LENGTH m	MAX. LENGTH m	MOQ
7006233	16 mm	1,15	1,4	30	2	25	84	25
7006231	16 mm	1,15	1,4	30	2	100	84	100
7006232	16 mm	1,15	1,4	30	2	50	84	50
7010230	16 mm	1,15	2,3	30	2	25	59	25
7006235	16 mm	1,15	2,3	30	2	50	59	50
7006234	16 mm	1,15	2,3	30	2	100	59	100
7006237	16 mm	1,15	3,1	30	2	50	49	50
7006236	16 mm	1,15	3,1	30	2	100	49	100
7004288	16 mm	1,15	3,1	33	2	50	45	200
7006238	16 mm	1,15	4,3	30	2	100	39	100
7006239	16 mm	1,15	10,0	30	2	100	23	100



**RAIN BIRD**



### Rain Bird Drip irrigation hose, type PC inline XFCV drop stop

The Rain Bird Drip irrigation hose, type PC inline XFCV drop stop have an integrated heavy-duty check valve that is ideal for installation in areas with big elevation changes in order to prevent overwatering of lower areas.

This technology also causes the dripline to stay always filled with water, hence when the system opens, all the dripping points will open and close at the same time which is ideal for great uniformity.

The XFCV special material gives it additional flexibility in order to avoid kinks in the coils before and during installation.

The benefit of this is to save time and material by allowing tighter turns with less fittings and stakes.

XFCV Dripline Models		METRIC
<b>Inlet Pressure</b>	<b>Maximum Lateral Length (Meters)</b>	
<b>Bar</b>	<b>33 cm</b>	<b>50 cm</b>
	<b>Nominal Flow (l/h):</b>	<b>Nominal Flow (l/h):</b>
	<b>2.3</b>	<b>2.3</b>
1.38	84	93
2.07	102	117
2.76	115	135
3.45	125	155
4.14	137	178

PART NO.	SIZE	WALL THICK-NESS mm	FLOW ltr/h	SPACING cm	REC. PRESS. bar	LENGTH m	MAX. LENGTH m	MOQ
7021540	16 mm	1.2	2.3	33	2.0 - 3.5	100	147	100
7021541	16 mm	1.2	2.3	50	2.0 - 3.5	100	147	100



### Rain Bird Drip irrigation hose, type PC inline XFS sub surface

The Rain Bird drip irrigation hose, type PC inline XFS sub surface is ideal when it comes to making low maintenance systems for used for grasslands, shrubs or groundcover areas.

The XFS sub surface drip hose comes with an inline dripper equipped with the copper shield technology in order to prevent root intrusion into the labyrinth. The XFS special material gives it an additional flexibility in order to avoid kinks in the coils before and during installation.

The benefit of this is to save time and material by allowing tighter turns with less fittings and stakes.

XFS Dripline Models	
Maximum Lateral Length (Meters)	
Inlet Pressure	33 cm Spacing
Bar	
1,0	79
1,7	104
2,4	121
3,1	126
3,8	147

PART NO.	SIZE	WALL THICKNESS mm	FLOW ltr/h	SPACING cm	REC. PRESS. bar	LENGTH m	MAX. LENGTH m	MOQ
7021538	16 mm	1,2	1.6	33	1.0 - 3.8	100	175	100
7022018	16 mm	1,2	2.3	33	1.0 - 3.8	100	140	100

### Rain Bird Header tube

The Rain Bird Header tube is used by installers that want to save time by eliminating the need to measure, cut, glue and tape the PE headers.

The QF drip hose header comes with pre-installed barbed headers and include a protective ring for additional security.

This feature, plus the left to right rotation of the barbed headers, allows the installer to overcome possible misalignments.

PART NO.	SIZE	WALL THICKNESS mm	SPACING cm	LENGTH m	MOQ
7021542	23.9 mm	1.5	30	30	30
7021543	23.9 mm	1.5	45	30	30



**RAIN BIRD**



**RAIN BIRD**



# DRIP AND MICRO



**Rain Bird Barb connector, type XFF**

This connector is compatible with the XF series dripline.

Pressure: 3,5 bar



PART NO.	SIZE	CONNECTION	MOQ
7021556	16 mm	barbed	1



**Rain Bird T-piece, type XFF**

This connector is compatible with the XF series dripline.

Pressure: 3,5 bar



PART NO.	SIZE	CONNECTION	MOQ
7021558	16 mm	barbed	1



**Rain Bird Adaptor, type XFF**

This connector is compatible with the XF series dripline.

Pressure: 3,5 bar



PART NO.	SIZE	CONNECTION	MOQ
7021559	1/2" x 16 mm	male thread x barbed	1
7021560	3/4" x 16 mm	male thread x barbed	1



**Rain Bird Straight connector, type BF-12 lock**



PART NO.	SIZE	CONNECTION	MOQ
7021546	16 mm	lock	1



**Rain Bird T-piece, type BF-32 lock**



PART NO.	SIZE	CONNECTION	MOQ
7021548	16 mm	lock	1

# Drip Fittings and Tools



**Rain Bird Elbow, type XFF**

This connector is compatible with the XF series dripline.

Pressure: 3,5 bar



PART NO.	SIZE	CONNECTION	MOQ
7021557	16 mm	barbed	1



**Rain Bird T-piece, type XFF**

This connector is compatible with the XF series dripline.

Pressure: 3,5 bar



PART NO.	SIZE	CONNECTION	MOQ
7021561	16 mm x 1/2" x 16 mm	barbed x male thread x barbed	1



**Rain Bird Insertion tool, type XFF Barb Fittings**



PART NO.	SIZE	MOQ
7021562	16 mm	1



**Rain Bird Elbow, type BF-22 lock**



PART NO.	SIZE	CONNECTION	MOQ
7021547	16 mm	lock	1



**Rain Bird Adaptor, type BF-82 lock**



PART NO.	SIZE	CONNECTION	MOQ
7021549	16 mm x 1/2"	lock x male thread	1
7021551	16 mm x 3/4"	lock x male thread	1



**Rain Bird Adaptor, type BF-62 lock**

*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7021550	16 mm x 1/2"	lock x female thread	1
7021552	16 mm x 3/4"	lock x female thread	1



**Rain Bird Plug valve, type BF-92 lock**

The Rain Bird Plug valve, type BF-92 lock is used to connect 13-16 mm blank tubing and XF Dripline.

*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7021553	16 mm	lock	1



**Rain Bird Tie-Down stake**

The Rain Bird Tie-Down stake type C-12 is used to hold down 13-16mm tubing.

*RAIN BIRD*

PART NO.	SIZE	MOQ
7021563	16 mm	1



**Irritec Figure 8 end closure**

For closing dripline ends.

**irritec**  
don't wait for rain

PART NO.	SIZE	MOQ
7020667	16 mm	10
7020668	20 mm	10



**Rain Bird End plug**

A 16mm safety connection is provided on the outer of the plug.

*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7021554	16 mm	lock	1



**Rain Bird Plug valve, type BF-valve lock**

The Rain Bird Plug valve, type BF-valve lock is effective for dripline and blank tubing.

*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7021555	3/4" x 16 mm	male thread x lock	1



**Rain Bird Air release- vacuum valve, type XBER12**

Adj. pressure: 0.1-10.0 bar

*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7021545	1/2"	female thread	1

# DRIP AND MICRO

## Emitters, Micro Jets and Tools



RAIN BIRD



### Rain Bird Button dripper, type XB-PC

The Rain Bird Button dripper, type XB-PC allows to precisely water trees, potted plants and hedges.

The color-coded dripper helps us to identify the flow rate.

The dripper is enabled with self-piercing barbs making it an easy install device.

There is a uniformity of flow on uneven terrain.

PART NO.	TYPE	CONNECTION	FLOW	REC. PRESS. bar	COLOUR	MOQ
7021565	XB-05PC	push-in	2 ltr/h	1.0 - 2.5	blue	1
7021566	XB-10PC	push-in	4 ltr/h	1.0 - 2.5	black	1
7021567	XB-20PC	push-in	8 ltr/h	1.0 - 2.5	red	1



RAIN BIRD



### Rain Bird Button module, type PC

The Rain Bird button module, type PC is a point-source medium-flow emitter which you use to water your shrubs, plants and trees.

It has two color codes (dark brown and white) which allows you to precisely regulate water flow to Xeri-Bubblers and Xeri-Sprays.

PART NO.	TYPE	CONNECTION	FLOW	REC. PRESS. bar	COLOUR	MOQ
7021568	PC-12	push-in	45 ltr/h	0.7 - 3.0	dark brown	1
7021569	PC-18	push-in	63 ltr/h	0.7 - 3.0	white	1



RAIN BIRD



### Rain Bird PC-Bubbler

Size : 1/2"

Connection: female thread

Suitable for: 1/2" PVC risers, Xeri Pop, Shrub Adapter & 1800 Retrofit Kit

PART NO.	TYPE	REC. PRESS. bar	COLOUR	CAPACITY 1BAR l/h	MOQ
7021570	PCT-05	1.5 - 2.5	blue	19	1
7021571	PCT-07	1.5 - 2.5	black	26	1
7021572	PCT-10	1.5 - 2.5	red	38	1



RAIN BIRD



### Rain Bird Manifold 6 outlets, type XB-10-6

The Rain Bird Manifold 6 outlets, type XB-10-6 is a pressure compensating multi-outlet for your garden irrigation.

The dripper delivers a uniform flow and the self-flushing technology reduces clogging.

Size : 6 mm

Connection: push-in x barbed

PART NO.	TYPE	REC. PRESS. bar	COLOUR	FLOW ltr/h	MOQ
7021573	XB-10-6	1.5 - 2.5	black	4	1

### Rain Bird Button dripper 6 outlets

The Rain Bird dripper, type EMT-6x is used for sprinkler and irrigation systems. The dripper allows you to distribute water over more lines from a pressure regulated water source.

Size : 1/2" x 6 mm

Connection: female thread x barbed Suitable for: 1/2" PVC risers



RAIN BIRD

PART NO.	TYPE	REC. PRESS. bar	COLOUR	MOQ
7021574	EMT-6X	2.0	black	1

### Rain Bird Micro sprinkler on spike, type SXB/XS

The Rain Bird Micro sprinkler on spike, type SXB/XS should be used in shrub plantings, trees, containers and flower beds. They are ideal for small spaces and easy to install.

The SXB and XS 360 micro-spray comes with a spike and has a full circle pattern with adjustable flow and radius.

Size : 6 mm

Connection: barbed Length: 13 cm



RAIN BIRD

PART NO.	TYPE	REC. PRESS. bar	SECTOR ADJ. RANGE	MOQ	2.0 bar	
					l/h	R
7021575	SXB-360	1.0 - 2.0	360°	1	0-49	0,45
7021576	XS-360TS	1.0 - 2.0	360°	1	0-90	1



### Rain Bird Micro sprinkler, type jet spike 310

The Rain Bird Micro sprinkler, type jet spike 310 is used in flower beds, ground cover and potted plants. They are ideal for small spaces and easy to install.

Size : 6 mm

Connection: push-in Length: 51 cm



RAIN BIRD

PART NO.	TYPE	REC. PRESS. bar	SECTOR ADJ. RANGE	MOQ	2.0 bar	
					l/h	R
7021577	jet spike 310-90	1.0 - 2.0	90°	1	0-117	3,2
7021578	jet spike 310-180	1.0 - 2.0	180°	1	0-117	3
7021579	jet spike 310-360	1.0 - 2.0	360°	1	0-117	4,1



### Rain Bird Micro sprinkler, type XS

The Rain Bird Micro sprinkler, type XS is ideal for ground cover and annual flower beds. It comes with a self-tapping thread that fits into the stake and riser of the PFR/RS assemblies.

Size : 6 mm

Connection: barbed

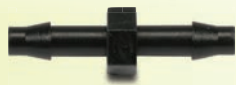


RAIN BIRD

PART NO.	TYPE	REC. PRESS. bar	SECTOR ADJ. RANGE	MOQ	2.0 bar	
					l/h	R
7021580	XS-90	1.0 - 2.0	90°	1	0-115	3,1
7021581	XS-180	1.0 - 2.0	180°	1	0-115	3,2
7021582	XS-360	1.0 - 2.0	360°	1	0-115	4,1



# DRIP AND MICRO



**Rain Bird Straight connector**  
Pressure: 3,5 bar

*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7019395	6 mm	barbed	1



**Rain Bird T-piece 90°**  
Pressure: 3,5 bar

*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7019397	6 mm	barbed	1



**PE punch**  
From PVC to PE main strand (incl. gasket).

PART NO.	SIZE	MOQ
0121364	2,5 mm	1
0121365	3 mm	1
0121366	4 mm	1
0121367	4,5 mm	1



**Rain Bird Riser stake, type PFR/RS**

The Rain Bird Riser stake saves time and money when installing a small irrigation system.

The riser stake is used in emission devices like micro-sprays or micro-sprinklers.

The stake is then connected to 13-16mm tubing by 4-6mm distribution tubing.

*RAIN BIRD*

PART NO.	SIZE	CONNECTION	LENGTH	MOQ
7021584	6 mm	barbed	30 cm	1

# Emitters, Micro Jets and Tools



**Rain Bird Elbow 90°**  
Pressure: 3,5 bar

*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7019396	6 mm	barbed	1



**Rain Bird Adaptor, type SPB-025**  
Self-piercing barb connection  
Pressure: 2 bar

*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7021583	6 mm	barbed x push-in	1



**Rain Bird Installation tool, type self-piercing emitters**

The Rain Bird installation tool, type self-piercing emitters is a fast and easy one-step support for drip irrigation applications. It makes it easy to install Xeri-Bug emitters and 1/4" barbed insert fittings directly into 1/2" or 3/4" drip tubing.

*RAIN BIRD*

PART NO.	MOQ
7021564	1



**Rain Bird Tubing stake, type TS-025**

*RAIN BIRD*

PART NO.	SIZE	LENGTH	MOQ
7021586	6 mm	10 cm	1



### Rain Bird Pressure pipe

Material: PE40  
Colour : black



PART NO.	SIZE	WALL THICKNESS	LENGTH	PRESSURE	MOQ
7019398	6 mm	1,0 mm	30 m	3 bar	1
7021585	6 mm	1,0 mm	300 m	3 bar	1



### Pressure pipe

Material: PE40  
Colour : black

PART NO.	SIZE	WALL THICKNESS	LENGTH	PRESSURE	MOQ
7024419	5 mm	0,8 mm	500 m	4 bar	500
7024420	7 mm	1,5 mm	200 m	4 bar	200
7024421	8 mm	1,0 mm	100 m	4 bar	100
0700141	10 mm	1,2 mm	100 m	4 bar	100
7024422	12 mm	1,0 mm	100 m	4 bar	100



### Pressure pipe

Material: PE40  
Colour : black

PART NO.	SIZE	WALL THICKNESS	LENGTH	PRESSURE	MOQ
7015070	6 mm	1,0 mm	100 m	4 bar	100
0680258	6 mm	1,0 mm	500 m	4 bar	500



### Pressure pipe

Material: PE40  
Colour : black



PART NO.	SIZE	WALL THICKNESS	LENGTH	PRESSURE	MOQ
0700000	16 mm	1,5 mm	100 m	5 bar	100
0700001	16 mm	1,5 mm	500 m	5 bar	500
0700003	20 mm	1,5 mm	100 m	4 bar	100
0700004	20 mm	1,5 mm	500 m	4 bar	500
0700005	20 mm	2,0 mm	100 m	4 bar	100
0700006	20 mm	2,0 mm	500 m	4 bar	500
0700007	20 mm	2,2 mm	100 m	6 bar	100
0700016	20 mm	2,2 mm	200 m	6 bar	200
0700008	20 mm	2,2 mm	300 m	6 bar	2700
0700009	20 mm	2,2 mm	500 m	6 bar	500
0700011	25 mm	1,9 mm	100 m	4 bar	100
0700012	25 mm	1,9 mm	500 m	4 bar	500
0700027	25 mm	2,3 mm	100 m	5 bar	100
0700013	25 mm	2,7 mm	100 m	6 bar	100
0700014	25 mm	2,7 mm	300 m	6 bar	300
0700015	25 mm	2,7 mm	500 m	6 bar	500
0700018	32 mm	3,0 mm	100 m	5 bar	100
0700026	32 mm	3,0 mm	300 m	5 bar	300
7011815	32 mm	3,5 mm	100 m	6 bar	100
0700019	40 mm	3,6 mm	100 m	5 bar	100
7011816	40 mm	4,3 mm	100 m	6 bar	100
0700020	50 mm	4,5 mm	100 m	5 bar	100
7011817	50 mm	5,5 mm	100 m	6 bar	100
0700021	63 mm	5,7 mm	50 m	5 bar	50
7011818	63 mm	6,8 mm	50 m	6 bar	50



# DRIP AND MICRO

## Emitters, Micro Jets and Tools



RAIN BIRD



### Rain Bird Sprinkler base, type Xeri-Pop-400X

The Rain Bird Sprinkler base, type Xeri-Pop-400X is ideal for small planting or flower beds with odd sizes.

The Xeri Pop micro spray series has a 1/4" barbed inlet which can be easily connected on one side to a 1/2" or 3/4" PE tubing or a multi-outlet manifold (EMT-6XERI) and on the other side to a self-piercing emitter SPB-025 that then connected to the water source.

The Xeri Pop micro spray series can be used with the Xeri SQ nozzles, 5 Series MPR nozzles in all configurations and the 8 Series MPR nozzle (8H and 8Q).

The strong snap-ring of the Xeri Pop allows you to avoid any difficulties during installation and covering/managing the Xeri Pop.

Suitable for: SQ nozzles, 5&8 series MPR nozzles

PART NO.	SIZE	CONNECTION	REC. PRESS. bar	RISER HEIGHT	MOQ
7021587	6 mm	barbed x UNC male thread	2.0 - 3.0	10 cm	1



RAIN BIRD

### Rain Bird Spray head, type SQ

The Rain Bird Spray head, type SQ is used with the Xeri Pops, 1800 sprays and UNI-Sprays. Thanks to their square patterns, they are ideal for edges or odd shaped areas.

The SQ series nozzles come available in different patterns: SQ QTR (Quarter Pattern), SQ HLF (Half Pattern) and SQ FUL (Full Pattern).

Suitable for: 1800, Xeri-Pop & Uni-Spray series

PART NO.	TYPE	SIZE	CONNECTION	MOQ
7021589	SQ Full pattern for Xeri	5/8"	UNC female thread	1
7021590	SQ Half pattern for Xeri	5/8"	UNC female thread	1
7021591	SQ Quarter pattern for Xeri	5/8"	UNC female thread	1

SQ Nozzle Performance				
0,8 m throw @ 0,15 m height above grade				
Nozzle	Pressure bars	Throw Radius m.	Flow l/h	Precip. Rate w/no overlap mm/h
7021591	1,4	0,8	24	42
	2,1	0,8	28	48
	2,8	0,9	28	34
	3,4	0,9	28	34
7021590	1,4	0,8	39	33
	2,1	0,8	46	40
	2,8	0,9	52	31
	3,4	0,9	52	31
7021589	1,4	0,8	76	33
	2,1	0,8	92	39
	2,8	0,9	103	31
	3,4	0,9	103	31

SQ Nozzle Performance				
1,2 m throw @ 0,15 m height above grade				
Nozzle	Pressure bars	Throw Radius m.	Flow l/h	Precip. Rate w/no overlap mm/h
7021591	1,4	1,2	24	16
	2,1	1,2	28	19
	2,8	1,4	28	15
	3,4	1,4	28	15
7021590	1,4	1,2	39	13
	2,1	1,2	46	16
	2,8	1,4	52	14
	3,4	1,4	52	14
7021589	1,4	1,2	76	13
	2,1	1,2	92	15
	2,8	1,4	103	14
	3,4	1,4	103	14

Performance data taken in zero wind conditions.

## Root Watering Systems

### Rain Bird Root watering system, type S-BG

Includes bubbler

PART NO.	SIZE	CONNECTION	FLOW	REC. PRESS. bar	LENGTH	OUTER Ø	MOQ
7021594	13 mm	hose tail	57 ltr/h	1.5 - 2.5	25.4 cm	51 mm	1



**RAIN BIRD**



### Rain Bird Root watering system, type MBG

Includes bubbler

PART NO.	SIZE	CONNECTION	FLOW	REC. PRESS. bar	LENGTH	OUTER Ø	MOQ
7021593	13 mm	hose tail	57 ltr/h	1.5 - 2.5	45.7 cm	102 mm	1



**RAIN BIRD**



### Rain Bird Root watering system, type BGX

Includes bubbler

PART NO.	SIZE	CONNECTION	FLOW	REC. PRESS. bar	LENGTH	OUTER Ø	MOQ
7021592	13 mm	hose tail	57 ltr/h	1.5 - 2.5	91.4 cm	102 mm	1



**RAIN BIRD**



### Rain Bird RWS Filter sleeve, type BGX

PART NO.	LENGTH	OUTER Ø	MOQ
7021595	91,4 cm	102 mm	1



**RAIN BIRD**

DRIP AND MICRO

OVERHEAD IRRIGATION

VALVES, MEASUREMENT AND EQUIPMENT

CONTROLLERS AND PUMPS

PIPING SYSTEMS





# OVERHEAD IRRIGATION

Spray Heads and Nozzles

1/2" and 3/4" Rotors

1" and 1 1/2" Rotors

Impact Sprinklers and Stands

# OVERHEAD IRRIGATION

## Spray Heads and Nozzles



RAIN BIRD



### Rain Bird Pop-up sprinkler, type UNI-Spray

The Rain Bird Pop-up sprinkler, type UNI-Spray is the most competitive pop-up spray head in the market, therefore its ideal for DIY consumers or irrigation areas that do not need a high level of irrigation.

The Uni-Spray pop up series is the cost competitive alternative to the 1800 series.

The Uni-Spray pop up is compatible with a wide range of spray heads: VAN, HE-VAN, R-VAN, U-Series, MPR and Rotary nozzles.

Connection: female thread

Material : plastic

Size : 1/2"

PART NO.	SECTOR ADJ. RANGE	RISER HEIGHT	ANGLE	REC. PRESS. bar	TYPE	MOQ
7021597	0-330°	10 cm	24°	1.5 - 2.0	UNI-Spray-408HE	1
7021598	0-360°	10 cm	27°	1.5 - 2.0	UNI-Spray-410HE	50
7021599	0-360°	10 cm	23°	1.5 - 2.0	UNI-Spray-412HE	50
7021600	0-360°	10 cm	25°	1.5 - 2.0	UNI-Spray-415HE	1
7021601	0-360°	10 cm	26°	1.5 - 2.0	UNI-Spray-418VAN	50
7021602	45-270°	10 cm	--	1.5 - 2.0	UNI-Spray-418RN	50
7021603	45-270°	10 cm	--	1.5 - 2.0	UNI-Spray-424RN	50



RAIN BIRD

### Rain Bird Pop up sprinkler body, type UNI-spray-400

The Rain Bird Pop up, type UNI-spray 400 body is used in areas where there is no issue for the pop up to be visible and it can be combined with all type of spray heads.

The Uni-Spray body only pop up is the cost effective solution to the 1800 series with a small range of features.

The Uni-Spray body is ideal for rotary nozzles but is also compatible with all the spray heads like VAN, HE-VAN, MPR, U-Series, Rotary and R-VAN nozzles.

Connection: female thread x UNC male thread

Material : plastic

Size : 1/2" x 5/8"

PART NO.	RISER HEIGHT	MOQ
7021604	10 cm	50



RAIN BIRD

### Rain Bird Leakage prevention device, type 1800 Uni-Spray





The Rain Bird Leakage prevention device, type Uni-Spray is used with the Uni-Spray models. It is ideal for grass and flow beds that have height differences and slopes that can cause poor uniformity.

The Uni-Spray SAM kit is a check valve that allows to hold pressure when there are height differences.





PART NO.	MOQ
7021627 Rain Bird Leakage prevention device, type 1800 Uni-Spray	25

**PERFORMANCE** ■ 50% ▲ 50%





**18-VAN Series 7021601**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	1,0	4,3	0,96	52	60
	1,5	4,8	1,07	47	55
	2,0	5,4	1,20	41	48
	2,1	5,5	1,21	40	46
	1,0	4,3	0,72	52	60
	1,5	4,8	0,80	47	55
	2,0	5,4	0,90	41	48
	2,1	5,5	0,91	40	46
	1,0	4,3	0,48	52	60
	1,5	4,8	0,54	47	55
	2,0	5,4	0,60	41	48
	2,1	5,5	0,61	40	46
	1,0	4,3	0,24	52	60
	1,5	4,8	0,27	47	55
	2,0	5,4	0,30	41	48
	2,1	5,5	0,30	40	46





**8 Series HE-VAN 7021597**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	1,0	1,5	0,19	82	95
	1,4	1,8	0,22	66	76
	1,7	2,1	0,25	54	62
	2,1	2,4	0,27	45	52
	1,0	1,5	0,14	82	95
	1,4	1,8	0,16	66	76
	1,7	2,1	0,18	54	62
	2,1	2,4	0,20	45	51
	1,0	1,5	0,10	82	95
	1,4	1,8	0,11	66	76
	1,7	2,1	0,12	54	62
	2,1	2,4	0,13	45	52
	1,0	1,5	0,05	82	95
	1,4	1,8	0,05	66	76
	1,7	2,1	0,06	54	62
	2,1	2,4	0,07	45	52





**10 Series HE-VAN 7021598**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	1,0	2,1	0,29	64	74
	1,4	2,4	0,34	56	65
	1,7	2,7	0,37	50	57
	2,1	3,0	0,41	44	51
	1,0	2,4	0,22	64	74
	1,4	2,7	0,25	56	65
	1,7	2,1	0,28	50	57
	2,1	3,0	0,31	44	51
	1,0	2,1	0,15	64	74
	1,4	2,4	0,17	56	65
	1,7	2,7	0,19	50	57
	2,1	3,0	0,21	44	51
	1,0	2,1	0,07	64	74
	1,4	2,4	0,08	56	65
	1,7	2,7	0,09	50	57
	2,1	3,0	0,10	44	51






**12 Series HE-VAN 7021599**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	1,0	2,7	0,38	51	58
	1,4	3,0	0,44	47	55
	1,7	3,3	0,49	44	51
	2,1	3,7	0,54	40	47
	1,0	2,7	0,28	51	58
	1,4	3,0	0,33	47	55
	1,7	3,3	0,37	44	51
	2,1	3,7	0,40	40	47
	1,0	2,7	0,19	51	58
	1,4	3,0	0,22	47	55
	1,7	3,3	0,24	44	51
	2,1	3,7	0,27	40	47
	1,0	2,7	0,10	51	58
	1,4	3,0	0,11	47	55
	1,7	3,3	0,12	44	51
	2,1	3,7	0,13	40	47






**15 Series HE-VAN 7021600**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	1,0	3,3	0,59	53	61
	1,4	3,6	0,69	51	59
	1,7	4,2	0,76	42	49
	2,1	4,6	0,84	40	47
	1,0	3,3	0,44	53	61
	1,4	3,6	0,51	51	59
	1,7	4,2	0,57	42	49
	2,1	4,6	0,63	40	47
	1,0	3,3	0,30	53	61
	1,4	3,6	0,34	51	59
	1,7	4,2	0,38	42	49
	2,1	4,6	0,42	40	47
	1,0	3,3	0,15	53	61
	1,4	3,6	0,17	51	59
	1,7	4,2	0,19	42	49
	2,1	4,6	0,21	40	47

**R-VAN 18 7021602**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	2,1	4,9	4,77	17	19
	2,4	4,9	5,11	16	19
	2,8	5,2	5,38	16	19
	3,1	5,2	5,72	16	19
	3,4	5,5	5,94	15	18
	3,8	5,5	6,13	0	18
	2,1	4,9	3,71	16	19
	2,4	4,9	3,97	17	20
	2,8	5,2	4,16	16	19
	3,1	5,2	4,43	16	20
	3,4	5,5	4,62	16	18
	3,8	5,5	4,77	16	19
	2,1	4,9	3,22	17	19
	2,4	4,9	3,44	16	19
	2,8	5,2	3,71	16	19
	3,1	5,2	3,82	16	19
	3,4	5,5	4,05	15	18
	3,8	5,5	4,13	15	18
	2,1	4,9	1,59	17	19
	2,4	4,9	1,78	16	19
	2,8	5,2	1,89	16	19
	3,1	5,2	1,89	16	19
	3,4	5,5	2,04	15	18
	3,8	5,5	2,20	15	18

**R-VAN 24 7021603**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	2,1	5,8	6,81	16	19
	2,4	6,1	7,38	16	18
	2,8	6,7	8,74	15	18
	3,1	7,0	9,54	15	18
	3,4	7,3	10,67	16	19
	3,8	7,3	10,90	16	19
	2,1	5,8	5,30	16	19
	2,4	6,1	5,75	16	18
	2,8	6,7	6,81	15	18
	3,1	7,0	7,42	15	18
	3,4	7,3	8,29	16	19
	3,8	7,3	8,48	16	19
	2,1	5,8	4,54	16	19
	2,4	6,1	4,92	16	18
	2,8	6,7	5,83	15	18
	3,1	7,0	6,36	15	18
	3,4	7,3	7,12	16	19
	3,8	7,3	7,27	16	19
	2,1	5,8	2,27	16	19
	2,4	6,1	2,46	16	18
	2,8	6,7	2,91	15	18
	3,1	7,0	3,18	15	18
	3,4	7,3	3,56	16	19
	3,8	7,3	3,63	16	19

# OVERHEAD IRRIGATION

## Spray Heads and Nozzles



### Rain Bird Sprinkler base, series 1800

The 1800 series is the ideal pop-up spray head designed for small to medium gardens due to its durability and ease of installation.

The 1800 series is compatible with all the Rain Bird spray heads: R-VAN, Rotary, HE-VAN, VAN, U-Series and MPR which grants these series with unlimited flexibility and options for operating in gardens.

Thanks to the previous mentioned features and most of the small-medium gardens being flat, the 1800 series is the most popular option for gardeners.

Connection: female thread x UNC male thread

Material : plastic



PART NO.	SIZE	RISER HEIGHT	REC. PRESS. bar	TYPE	MOQ
7008115	1/2" x 5/8"		1.5	adaptor PA8S	1
7019399	1/2" x 5/8"	5 cm	1.5	1802	1
7008116	1/2" x 5/8"	10 cm	1.5	1804	1
7008117	1/2" x 5/8"	15 cm	1.5	1806	1
7008118	1/2" x 5/8"	30 cm	1.5	1812	1



RAIN BIRD

### Rain Bird Sprinkler base, type 1800

The Rain Bird Sprinkler base, type 1800 is the ideal pop-up for garden design, with the additional SAM feature the 1800-SAM series should be used in areas with elevation changes and/or where pop-ups are causing damage due to flooding or erosion.

The 1800-SAM has a capability of holding up to 4.2m of head or 0.4bar.

The benefit of the SAM check valve is that it prevents drainage of the pop ups in areas with increased pressure or lower areas.

The 1800-SAM pop up is compatible with a range of spray heads: VAN, HE-VAN, R-VAN, U-Series, MPR and Rotary nozzles.

Connection: female thread x UNC male thread

Material : plastic



PART NO.	SIZE	RISER HEIGHT	REC. PRESS. bar	TYPE	MOQ
7021605	1/2" x 5/8"	10 cm	1.5 - 6.0	1804-SAM	1
7021606	1/2" x 5/8"	15 cm	1.5 - 6.0	1806-SAM	1
7021607	1/2" x 5/8"	30 cm	1.5 - 6.0	1812-SAM	1



### Rain Bird Sprinkler base, type RD 1804-SAM-PRS

The Rain Bird Sprinkler base, type RD 1804-SAM-PRS is the ideal pop-up for garden design and with the additional SAM & PRS features.

It's perfect to be used in areas with elevation changes and in systems where constant pressure can be an issue and uniform irrigation wants to be achieved in the garden.

The benefit of the SAM check valve is that it prevents drainage of the pop-ups in areas with increased pressure or lower areas while the benefit of the PRS feature is that it regulates the pressure in every pop-up.

The 1800-RD pop-up is compatible with a range of spray heads: VAN, HE-VAN, R-VAN, U-Series, MPR and Rotary nozzles.

Connection: female thread x UNC male thread

Material : plastic

PART NO.	SIZE	RISER HEIGHT	REC. PRESS. bar	TYPE	MOQ
7021608	1/2"	10 cm	1.5 - 6.0	RD 1804-SAM-PRS	1

### Rain Bird Extension, type 1800

The Rain Bird Extension, type 1800 is used in 1800 series pop ups to increase the height of the risers when bushes/shrubs or buildings are obstructing the jet from watering the plants.

Connection: UNC female thread x UNC male thread

Material : plastic

PART NO.	SIZE	LENGTH	TYPE	MOQ
7019418	5/8"	15 cm	1800-EXT	1



**RAIN BIRD**



**RAIN BIRD**



# OVERHEAD IRRIGATION

## Spray Heads and Nozzles



RAIN BIRD



### Rain Bird Spray head, type R-VAN

The Rain Bird Spray head, type R-VAN is used with the 1800 series pop up. We recommend this spray head for efficient irrigation and garden installation.

The R-VAN nozzle series matches the precipitation rate of the 5000 series equipped with MPR nozzles which allow installations and the layout calculations are designed to be much simpler.

The R-VANs produce larger droplets and a thicker stream of water which allow them to have a high wind resistance therefore reducing water waste.

Not only the R-VANs are compatible with all the 1800 series pop ups but their performance and versatility is unmatched by reducing running times by over 33% and by having a full range of adjustable, full circle and strip nozzles that covers both large and small areas. The top is colored for easy radius and arc identification.

Connection: UNC female thread

Material : plastic

Size : 5/8"

Suitable for: 1800 & UNI-Spray series

PART NO.	SECTOR ADJ. RANGE	ANGLE	REC. PRESS. bar	COLOUR	TYPE	MOQ
7024228	45°-270°	26°	1.7 - 3.4	blue	R-VAN14	1
7019419	45°-270°	26°	1.7 - 3.4	brown	R-VAN18	1
7019420	45°-270°	26°	1.7 - 3.4	purple	R-VAN24	1
7024224	360°	26°	1.7 - 3.4	blue	R-VAN14-360	1
7019421	360°	26°	1.7 - 3.4	brown	R-VAN18-360	1
7019422	360°	26°	1.7 - 3.4	purple	R-VAN24-360	1
7024225		26°	1.7 - 3.4	grey	R-VAN-LCS	1
7024226		26°	1.7 - 3.4	black	R-VAN-SST	1
7024227		26°	1.7 - 3.4	dark grey	R-VAN-RCS	1

### PERFORMANCE ■ 50% ▲ 50%

#### R-VAN 14

#### 7024228

#### R-VAN 18

#### 7019419

#### R-VAN 24

#### 7019420

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
270°	2.1	4.0	3.18	16	19
	2.4	4.0	3.29	17	19
	2.8	4.3	3.48	15	18
	3.1	4.3	3.56	16	18
	3.4	4.6	4.20	16	19
210°	2.1	4.0	2.46	16	19
	2.4	4.0	2.57	17	19
	2.8	4.3	2.73	15	18
	3.1	4.3	2.76	16	18
	3.4	4.6	3.26	16	19
180°	2.1	4.0	2.12	16	19
	2.4	4.0	2.20	17	19
	2.8	4.3	2.31	15	18
	3.1	4.3	2.38	16	18
	3.4	4.6	2.80	16	19
90°	2.1	4.0	1.06	16	19
	2.4	4.0	1.10	17	19
	2.8	4.3	1.17	16	18
	3.1	4.3	1.21	15	18
	3.4	4.6	1.40	16	19


Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
270°	2.1	4.9	4.77	17	19
	2.4	4.9	5.11	16	19
	2.8	5.2	5.38	16	19
	3.1	5.2	5.72	16	19
	3.4	5.5	5.94	15	18
210°	2.1	4.9	3.71	16	19
	2.4	4.9	3.97	17	20
	2.8	5.2	4.16	16	19
	3.1	5.2	4.43	16	20
	3.4	5.5	4.62	16	18
180°	2.1	4.9	3.22	17	19
	2.4	4.9	3.44	16	19
	2.8	5.2	3.71	16	19
	3.1	5.2	3.82	16	19
	3.4	5.5	4.05	15	18
90°	2.1	4.9	1.59	17	19
	2.4	4.9	1.78	16	19
	2.8	5.2	1.89	16	19
	3.1	5.2	1.89	16	19
	3.4	5.5	2.04	15	18

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
270°	2.1	5.8	6.81	16	19
	2.4	6.1	7.38	16	18
	2.8	6.7	8.74	15	18
	3.1	7.0	9.54	15	18
	3.4	7.3	10.67	16	19
210°	2.1	5.8	5.30	16	19
	2.4	6.1	5.75	16	18
	2.8	6.7	6.81	15	18
	3.1	7.0	7.42	15	18
	3.4	7.3	8.29	16	19
180°	2.1	5.8	4.54	16	19
	2.4	6.1	4.92	16	18
	2.8	6.7	5.83	15	18
	3.1	7.0	6.36	15	18
	3.4	7.3	7.12	16	19
90°	2.1	5.8	2.27	16	19
	2.4	6.1	2.46	16	18
	2.8	6.7	2.91	15	18
	3.1	7.0	3.18	15	18
	3.4	7.3	3.56	16	19




**PERFORMANCE** ■ 50% ▲ 50%


**R-VAN 14-360 7024224**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
360° 	2.1	4.0	4.16	16	18
	2.4	4.0	4.24	16	19
	2.8	4.3	4.62	15	18
	3.1	4.3	4.81	16	18
	3.4	4.6	5.34	15	18
	3.8	4.6	5.49	16	18


**R-VAN 18-360 7019421**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
360° 	2.1	4.9	6.25	16	18
	2.4	4.9	6.32	16	19
	2.8	5.2	6.81	15	18
	3.1	5.2	7.00	16	18
	3.4	5.5	7.76	15	18
	3.8	5.5	7.99	16	18


**R-VAN 4-360 7019422**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
360° 	2.1	5.8	8.90	16	18
	2.4	6.1	9.54	15	18
	2.8	6.7	11.85	16	18
	3.1	7.0	13.17	16	19
	3.4	7.3	13.67	15	18
	3.8	7.3	14.16	16	18


**R-VAN-LCS 7024225**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
Left	2.1	1.2x4.3	0.68	16	16
Corner	2.4	1.5x4.6	0.83	14	14
Strip	2.8	1.5x4.6	0.87	15	15
	3.1	1.5x4.6	0.91	16	16
	3.4	1.5x4.6	0.95	16	16
	3.8	1.8x4.9	1.06	14	14

**R-VAN-SST 7024226**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
Left	2.1	1.2x4.3	0.68	16	16
Corner	2.4	1.5x4.6	0.83	14	14
Strip	2.8	1.5x4.6	0.87	15	15
	3.1	1.5x4.6	0.91	16	16
	3.4	1.5x4.6	0.95	16	16
	3.8	1.8x4.9	1.06	14	14

**R-VAN-RCS 7024227**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
Left	2.1	1.2x8.5	1.36	16	16
Corner	2.4	1.5x9.1	1.67	14	14
Strip	2.8	1.5x9.1	1.74	15	15
	3.1	1.5x9.1	1.82	16	16
	3.4	1.5x9.1	1.89	16	16
	3.8	1.8x9.8	2.12	14	14

# OVERHEAD IRRIGATION

## Spray Heads and Nozzles



RAIN BIRD



### Rain Bird Spray head, type HE-VAN

The Rain Bird Spray head, type HE-VAN is used with the 1800 series pop up to increase the efficiency in irrigation.

The improved Distribution Uniformity (DU) of the HE-VANs means that the HE-VAN nozzles will irrigate the gardens more efficiently and uniformly giving the crops in your garden the same amount of water in all the different areas.

Also with an improved Scheduling Coefficient (SC), you can be sure that in the driest spots in your garden will be receiving more water when compared to the VAN nozzles, therefore it helps to shorten your irrigation time and see similar results.

The top is colored for easy radius and arc identification.

Connection: UNC female thread

Material : plastic

Size : 5/8"

Suitable for: 1800 & UNI-Spray series

PART NO.	SECTOR ADJ. RANGE	ANGLE	REC. PRESS. bar	COLOUR	TYPE	MOQ
7019414	0-330°	24°	1.4 - 1.7	green	8-HE-VAN	1
7019415	0-360°	27°	1.4 - 1.7	blue	10-HE-VAN	1
7019416	0-360°	23°	1.4 - 1.7	brown	12-HE-VAN	1
7019417	0-360°	25°	1.4 - 1.7	black	15-HE-VAN	1

### PERFORMANCE ■ 50% ▲ 50%

#### 8 Series HE-VAN

7019414

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
360° Arc	1,0	1,5	0,19	82	95
	1,4	1,8	0,22	66	76
	1,7	2,1	0,25	54	62
	2,1	2,4	0,27	45	52
270° Arc	1,0	1,5	0,14	82	95
	1,4	1,8	0,16	66	76
	1,7	2,1	0,18	54	62
	2,1	2,4	0,20	45	51
180° Arc	1,0	1,5	0,10	82	95
	1,4	1,8	0,11	66	76
	1,7	2,1	0,12	54	62
	2,1	2,4	0,13	45	52
90° Arc	1,0	1,5	0,05	82	95
	1,4	1,8	0,05	66	76
	1,7	2,1	0,06	54	62
	2,1	2,4	0,07	45	52

#### 10 Series HE-VAN

7019415

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
360° Arc	1,0	2,1	0,29	64	74
	1,4	2,4	0,34	56	65
	1,7	2,7	0,37	50	57
	2,1	3,0	0,41	44	51
270° Arc	1,0	2,4	0,22	64	74
	1,4	2,7	0,25	56	65
	1,7	2,1	0,28	50	57
	2,1	3,0	0,31	44	51
180° Arc	1,0	2,1	0,15	64	74
	1,4	2,4	0,17	56	65
	1,7	2,7	0,19	50	57
	2,1	3,0	0,21	44	51
90° Arc	1,0	2,1	0,07	64	74
	1,4	2,4	0,08	56	65
	1,7	2,7	0,09	50	57
	2,1	3,0	0,10	44	51

#### 12 Series HE-VAN

7019416

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
360° Arc	1,0	2,7	0,38	51	58
	1,4	3,0	0,44	47	55
	1,7	3,3	0,49	44	51
	2,1	3,7	0,54	40	47
270° Arc	1,0	2,7	0,28	51	58
	1,4	3,0	0,33	47	55
	1,7	3,3	0,37	44	51
	2,1	3,7	0,40	40	47
180° Arc	1,0	2,7	0,19	51	58
	1,4	3,0	0,22	47	55
	1,7	3,3	0,24	44	51
	2,1	3,7	0,27	40	47
90° Arc	1,0	2,7	0,10	51	58
	1,4	3,0	0,11	47	55
	1,7	3,3	0,12	44	51
	2,1	3,7	0,13	40	47

#### 15 Series HE-VAN

7019417

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
360° Arc	1,0	3,3	0,59	53	61
	1,4	3,6	0,69	51	59
	1,7	4,2	0,76	42	49
	2,1	4,6	0,84	40	47
270° Arc	1,0	3,3	0,44	53	61
	1,4	3,6	0,51	51	59
	1,7	4,2	0,57	42	49
	2,1	4,6	0,63	40	47
180° Arc	1,0	3,3	0,30	53	61
	1,4	3,6	0,34	51	59
	1,7	4,2	0,38	42	49
	2,1	4,6	0,42	40	47
90° Arc	1,0	3,3	0,15	53	61
	1,4	3,6	0,17	51	59
	1,7	4,2	0,19	42	49
	2,1	4,6	0,21	40	47

## Rain Bird Spray head, type VAN

The Rain Bird spray head, type VAN is used with the 1800 series pop up and can be used in places with odd distances or where special jet heights are required.

Material : plastic

Size : 5/8" Suitable for: 1800 & Uni-Spray series



**RAIN BIRD**



PART NO.	SECTOR ADJ. RANGE	ANGLE	REC. PRESS. bar	COLOUR	TYPE	MOQ
7019410	0-330°	0°	1.5 - 2.0	yellow	4-VAN	1
7019411	0-330°	0°	1.5 - 2.0	orange	6-VAN	1
7019412	0-330°	5°	1.5 - 2.0	green	8-VAN	1
7008127	0-360°	10°	1.5 - 2.0	blue	10-VAN	1
7008126	0-360°	15°	1.5 - 2.0	brown	12-VAN	1
7008125	0-360°	23°	1.5 - 2.0	black	15-VAN	1
7019413	0-360°	26°	1.5 - 2.0	beige	18-VAN	1

### PERFORMANCE ■ 50% ▲ 50%

#### 4-VAN Series

#### 7019410

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	1,0	0,9	0,14	189	218
	1,5	1,0	0,17	183	215
	2,0	1,2	0,20	152	176
	2,1	1,2	0,20	152	176
	1,0	0,9	0,12	198	229
	1,5	1,0	0,14	187	216
	2,0	1,2	0,16	148	171
	2,1	1,2	0,17	157	181
	1,0	0,9	0,07	173	200
	1,5	1,0	0,09	180	208
	2,0	1,2	0,10	139	161
	2,1	1,2	0,10	139	161
	1,0	0,9	0,05	247	285
	1,5	1,0	0,06	240	277
	2,0	1,2	0,06	167	193
	2,1	1,2	0,07	194	224

#### 6-VAN Series

#### 7019411

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	1,0	1,2	0,19	144	166
	1,5	1,5	0,23	112	129
	2,0	1,8	0,27	91	105
	2,1	1,8	0,27	91	105
	1,0	1,2	0,18	167	193
	1,5	1,5	0,21	124	143
	2,0	1,8	0,24	99	114
	2,1	1,8	0,25	103	119
	1,0	1,2	0,10	139	161
	1,5	1,5	0,11	98	113
	2,0	1,8	0,13	80	92
	2,1	1,8	0,14	86	99
	1,0	1,2	0,06	167	193
	1,5	1,5	0,07	124	143
	2,0	1,8	0,08	99	114
	2,1	1,8	0,08	99	114

#### 8-VAN Series

#### 7019412

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	1,0	1,8	0,27	91	105
	1,5	2,1	0,32	79	91
	2,0	2,3	0,38	78	90
	2,1	2,4	0,39	74	86
	1,0	1,8	0,25	103	119
	1,5	2,1	0,30	91	105
	2,0	2,3	0,34	86	99
	2,1	2,4	0,35	81	94
	1,0	1,8	0,19	117	135
	1,5	2,1	0,23	104	120
	2,0	2,3	0,26	98	113
	2,1	2,4	0,27	94	109
	1,0	1,8	0,12	148	171
	1,5	2,1	0,14	127	147
	2,0	2,3	0,16	121	140
	2,1	2,4	0,16	111	128

Note: 4-VAN, 6-VAN, 8-VAN Series, Turning the radius reduction screw may be required to achieve catalog radius and flow when the arc is set at less than the maximum arc.

#### 10-VAN Series

#### 7008127

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	1,0	2,1	0,44	96	111
	1,5	2,4	0,53	89	103
	2,0	2,7	0,57	76	88
	2,1	3,1	0,59	63	73
	1,0	2,1	0,33	96	111
	1,5	2,4	0,40	89	103
	2,0	2,7	0,43	76	88
	2,1	3,1	0,48	68	79
	1,0	2,1	0,22	96	111
	1,5	2,4	0,27	89	103
	2,0	2,7	0,29	76	88
	2,1	3,1	0,33	71	82
	1,0	2,1	0,11	96	111
	1,5	2,4	0,13	89	103
	2,0	2,7	0,14	76	88
	2,1	3,1	0,17	73	85

#### 12-VAN Series

#### 7008126

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	1,0	2,7	0,40	55	63
	1,5	3,2	0,48	47	54
	2,0	3,6	0,59	46	53
	2,1	3,7	0,60	44	51
	1,0	2,7	0,30	55	63
	1,5	3,2	0,36	47	54
	2,0	3,6	0,45	46	53
	2,1	3,7	0,45	44	51
	1,0	2,7	0,20	55	63
	1,5	3,2	0,24	47	54
	2,0	3,6	0,30	46	53
	2,1	3,7	0,30	44	51
	1,0	2,7	0,10	55	63
	1,5	3,2	0,12	47	54
	2,0	3,6	0,15	46	53
	2,1	3,7	0,15	44	51

#### 15-VAN Series

#### 7008125

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	1,0	3,4	0,60	52	60
	1,5	3,9	0,72	47	55
	2,0	4,5	0,84	41	48
	2,1	4,6	0,84	40	46
	1,0	3,4	0,45	52	60
	1,5	3,9	0,54	47	55
	2,0	4,5	0,63	41	48
	2,1	4,6	0,63	40	46
	1,0	3,4	0,30	52	60
	1,5	3,9	0,36	47	55
	2,0	4,5	0,42	41	48
	2,1	4,6	0,42	40	46
	1,0	3,4	0,15	52	60
	1,5	3,9	0,18	47	55
	2,0	4,5	0,21	41	48
	2,1	4,6	0,21	40	46

#### 18-VAN Series

#### 7019413

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
	1,0	4,3	0,96	52	60
	1,5	4,8	1,07	47	55
	2,0	5,4	1,20	41	48
	2,1	5,5	1,21	40	46
	1,0	4,3	0,72	52	60
	1,5	4,8	0,80	47	55
	2,0	5,4	0,90	41	48
	2,1	5,5	0,91	40	46
	1,0	4,3	0,48	52	60
	1,5	4,8	0,54	47	55
	2,0	5,4	0,60	41	48
	2,1	5,5	0,61	40	46
	1,0	4,3	0,24	52	60
	1,5	4,8	0,27	47	55
	2,0	5,4	0,30	41	48
	2,1	5,5	0,30	40	46

# OVERHEAD IRRIGATION

## Spray Heads and Nozzles



RAIN BIRD



### Rain Bird Spray head, type MPR

The Rain Bird MPR Spray heads are used with the 1800 & Uni-Spray series pop up in cases where sprinklers with various arcs and radius are to be used in the same zone and it is important to maintain even flows independent of the nozzle used.

Matched Precipitation Rates (MPR) means that you will get the same flow rate when nozzles are full circle, half circle or 1/4 circle hence improving the water distribution in your garden. The top is colored for easy radius and arc identification with the color codes being: 5-MPR (red), 8-MPR (green), 10-MPR (blue), 12-MPR (brown) and 15-MPR (black).

Connection: UNC female thread      Size : 5/8"  
Material : plastic      Suitable for: 1800 & Uni-Spray series

PART NO.	SECTOR ADJ. RANGE	ANGLE	REC. PRESS. bar	COLOUR	TYPE	MOQ
7021609	360°	5°	1.5 - 2.0	red	5F	1
7021610	180°	5°	1.5 - 2.0	red	5H	1
7021611	90°	5°	1.5 - 2.0	red	5Q	1
7021612	360°	10°	1.5 - 2.0	green	8F	1
7021613	180°	10°	1.5 - 2.0	green	8H	1
7021614	90°	10°	1.5 - 2.0	green	8Q	1
7008121	360°	15°	1.5 - 2.0	blue	10F	25
7019403	180°	15°	1.5 - 2.0	blue	10H	1
7019404	90°	15°	1.5 - 2.0	blue	10Q	1
7008120	360°	30°	1.5 - 2.0	brown	12F	25
7019405	180°	30°	1.5 - 2.0	brown	12H	1
7019406	90°	30°	1.5 - 2.0	brown	12Q	1
7008119	360°	30°	1.5 - 2.0	black	15F	25
7008123	180°	30°	1.5 - 2.0	black	15H	25
7008124	90°	30°	1.5 - 2.0	black	15Q	25

### PERFORMANCE ■ 50% ▲ 50%

#### 5-MPR Series 7021609 - 7021611

Nozzle	bar	m	m³/h	■ mm/h	▲ mm/h
5F	1,0	0,6	0,02	52	60
	1,5	1,0	0,05	47	55
	2,0	1,4	0,08	41	48
	2,1	1,5	0,09	40	46
5H	1,0	0,6	0,01	52	60
	1,5	1,0	0,02	47	55
	2,0	1,4	0,04	41	48
	2,1	1,5	0,05	40	46
5Q	1,0	0,6	0,01	52	60
	1,5	1,0	0,01	47	55
	2,0	1,4	0,02	41	48
	2,1	1,5	0,02	40	46

#### 8-MPR Series 7021612 - 7021614

Nozzle	bar	m	m³/h	■ mm/h	▲ mm/h
8F	1,0	1,5	0,12	52	60
	1,5	1,9	0,16	47	55
	2,0	2,3	0,22	41	48
	2,1	2,4	0,23	40	46
8H	1,0	1,5	0,06	52	60
	1,5	1,9	0,09	47	55
	2,0	2,3	0,11	41	48
	2,1	2,4	0,12	40	46
8Q	1,0	1,5	0,03	52	60
	1,5	1,9	0,04	47	55
	2,0	2,3	0,05	41	48
	2,1	2,4	0,06	40	46

#### 10-MPR Series 7008121, 7019403, 7019404

Nozzle	bar	m	m³/h	■ mm/h	▲ mm/h
10F	1,0	2,1	0,26	58	67
	1,5	2,4	0,29	50	58
	2,0	3,0	0,35	39	45
	2,1	3,1	0,36	37	43
10H	1,0	2,1	0,13	58	67
	1,5	2,4	0,14	50	58
	2,0	3,0	0,18	39	45
	2,1	3,1	0,18	37	43
10Q	1,0	2,1	0,06	58	67
	1,5	2,4	0,07	50	58
	2,0	3,0	0,09	39	45
	2,1	3,1	0,09	37	43

#### 12-MPR Series 7008120, 7019405, 7019406

Nozzle	bar	m	m³/h	■ mm/h	▲ mm/h
12F	1,0	2,7	0,40	55	63
	1,5	3,2	0,48	47	54
	2,0	3,6	0,59	46	53
	2,1	3,7	0,60	44	51
12H	1,0	2,7	0,20	55	63
	1,5	3,2	0,24	47	54
	2,0	3,6	0,30	46	53
	2,1	3,7	0,30	44	51
12Q	1,0	2,7	0,10	55	63
	1,5	3,2	0,12	47	54
	2,0	3,6	0,15	46	53
	2,1	3,7	0,15	44	51

#### 15-MPR Series 7008119, 7008123, 7008124

Nozzle	bar	m	m³/h	■ mm/h	▲ mm/h
15F	1,0	3,4	0,60	52	60
	1,5	3,9	0,72	47	55
	2,0	4,5	0,84	41	48
	2,1	4,6	0,84	40	46
15H	1,0	3,4	0,30	52	60
	1,5	3,9	0,36	47	55
	2,0	4,5	0,42	41	48
	2,1	4,6	0,42	40	46
15Q	1,0	3,4	0,15	52	60
	1,5	3,9	0,18	47	55
	2,0	4,5	0,21	41	48
	2,1	4,6	0,21	40	46

## Rain Bird Spray head, type MPR

The Rain Bird Spray head, type MPR is used with the 1800 series pop up and is ideal for unique square areas that need strip irrigation.

The Strip Series has a 30° trajectory which is higher than the regular MPR nozzles.

The Strip Series are conformed by the following nozzles: the 15EST, 15CST, 15RCS, 15LCS, 15SST and 9SST.

Connection: UNC female thread

Material : plastic

Size : 5/8"

Suitable for: 1800 & UNI-Spray series



**RAIN BIRD**



PART NO.	ANGLE	REC. PRESS. bar	COLOUR	TYPE	MOQ
7020190	30°	1.5 - 2.0	grey	15CST	1
7020191	30°	1.5 - 2.0	grey	15EST	1
7020192	30°	1.5 - 2.0	grey	15SST	1
7019407	30°	1.5 - 2.0	grey	15LCS	1
7019408	30°	1.5 - 2.0	grey	15RCS	1
7019409	30°	1.5 - 2.0	grey	9SST	1

## PERFORMANCE

### 15-MPR Series Strip

	Nozzle	bar	m	m <sup>3</sup> /h
7010191	15EST	1,0	1,2 x 4,0	0,10
		1,5	1,2 x 4,3	0,11
		2,0	1,2 x 4,3	0,13
		2,1	1,2 x 4,6	0,14
7010190	15CST	1,0	1,2 x 7,9	0,20
		1,5	1,2 x 8,5	0,23
		2,0	1,2 x 8,5	0,25
		2,1	1,2 x 9,2	0,27
7019408	15RCS	1,0	0,8 x 3,2	0,08
		1,5	1,0 x 3,9	0,09
		2,0	1,2 x 4,5	0,11
		2,1	1,2 x 4,6	0,11
7019407	15LCS	1,0	0,8 x 3,2	0,08
		1,5	1,0 x 3,9	0,09
		2,0	1,2 x 4,5	0,11
		2,1	1,2 x 4,6	0,11
7010192	15SST	1,0	1,2 x 7,9	0,20
		1,5	1,2 x 8,5	0,23
		2,0	1,2 x 8,5	0,25
		2,1	1,2 x 9,2	0,27
7019409	9SST	1,0	2,7 x 4,9	0,30
		1,5	2,7 x 4,9	0,33
		2,0	2,7 x 5,5	0,36
		2,1	2,7 x 5,5	0,39

Square nozzle spacing based on head-to-head throw (m)

W = Width of coverage pattern

L = Length of coverage pattern

### Nozzles

Note: radius reduction over 25% of the normal throw of the nozzle is not recommended

# OVERHEAD IRRIGATION

## Spray Heads and Nozzles



### Rain Bird Spray head, type U

The Rain Bird Spray head, type U series is used with the 1800 & Uni-Spray series pop up in cases where sprinklers with various arcs and radius are to be used in the same zone and it is important to maintain even flows independent of the nozzle used.

The U-Series are ideal for spots where the areas close to the sprinkler are not getting watered well enough and with the U-Series double orifice you can get better irrigation in the short range.

The U-Series have a second orifice for irrigation in order to water the areas close to the sprinkler better.

The top is colored for easy radius and arc identification: U-8 (green with 10° trajectory), U-10 (blue with 12° trajectory), U-12 (brown with 23° trajectory) and U-15 (black with 23° trajectory).

Material : plastic

Size : 5/8"

Suitable for: series 1800

PART NO.	SECTOR ADJ. RANGE	ANGLE	REC. PRESS. bar	COLOUR	TYPE	MOQ
7021615	360°	10°	1.5 - 2.0	green	U-8-F	1
7021616	180°	10°	1.5 - 2.0	green	U-8-H	1
7021617	90°	10°	1.5 - 2.0	green	U-8-Q	1
7021618	360°	12°	1.5 - 2.0	blue	U-10-F	1
7021619	180°	12°	1.5 - 2.0	blue	U-10-H	1
7021620	90°	12°	1.5 - 2.0	blue	U-10-Q	1
7021621	360°	23°	1.5 - 2.0	brown	U-12-F	1
7021622	180°	23°	1.5 - 2.0	brown	U-12-H	1
7021623	90°	23°	1.5 - 2.0	brown	U-12-Q	1
7021624	360°	23°	1.5 - 2.0	black	U-15-F	1
7021625	180°	23°	1.5 - 2.0	black	U-15-H	1
7021626	90°	23°	1.5 - 2.0	black	U-15-Q	1

### PERFORMANCE ■ 50% ▲ 50%

#### U-8 Series 7021615 - 7021617

Nozzle	bar	m	m³/h	■ mm/h	▲ mm/h
U-8F	1,0	1,5	0,12	52	60
	1,5	1,9	0,16	47	55
	2,0	2,3	0,22	41	48
	2,1	2,4	0,23	40	46
U-8H	1,0	1,5	0,06	52	60
	1,5	1,9	0,09	47	55
	2,0	2,3	0,11	41	48
U-8Q	1,0	1,5	0,03	52	60
	1,5	1,9	0,04	47	55
	2,0	2,3	0,05	41	48
	2,1	2,4	0,06	40	46

#### U-10 Series 7021618 - 7021620

Nozzle	bar	m	m³/h	■ mm/h	▲ mm/h
U-10F	1,0	2,1	0,24	52	60
	1,5	2,4	0,30	47	55
	2,0	3,0	0,31	41	48
	2,1	3,1	0,37	40	46
U-10H	1,0	2,1	0,12	52	60
	1,5	2,4	0,15	47	55
	2,0	3,0	0,15	41	48
U-10Q	1,0	2,1	0,19	40	46
	1,0	2,1	0,06	52	60
	1,5	2,4	0,07	47	55
	2,0	3,0	0,08	41	48
	2,1	3,1	0,09	40	46

#### U-12 Series 7021621 - 7021623

Nozzle	bar	m	m³/h	■ mm/h	▲ mm/h
U-12F	1,0	2,7	0,4	55	63
	1,5	3,2	0,48	47	54
	2,0	3,6	0,59	46	53
	2,1	3,7	0,6	44	51
U-12H	1,0	2,7	0,2	55	63
	1,5	3,2	0,24	47	54
	2,0	3,6	0,3	46	53
U-12Q	1,0	2,7	0,3	44	51
	2,1	3,7	0,3	44	51
	1,0	2,7	0,1	55	63
	1,5	3,2	0,12	47	54
	2,0	3,6	0,15	46	53
	2,1	3,7	0,15	44	51

#### U-15 Series 7021624 - 7021626

Nozzle	bar	m	m³/h	■ mm/h	▲ mm/h
U-15F	1,0	3,4	0,6	52	60
	1,5	3,9	0,72	47	55
	2,0	4,5	0,84	41	48
	2,1	4,6	0,84	40	46
U-15H	1,0	3,4	0,3	52	60
	1,5	3,9	0,36	47	55
	2,0	4,5	0,42	41	48
U-15Q	1,0	3,4	0,42	40	46
	2,1	4,6	0,42	40	46
	1,0	3,4	0,15	52	60
	1,5	3,9	0,18	47	55
	2,0	4,5	0,21	41	48
	2,1	4,6	0,21	40	46



**Hunter Rotator, type MP**

The MP Rotator is the completion of the 6300 Series. The new nozzle design has a wider reach. MP 2000-6 metres. MP 3000-9 metres. The nozzle is adjustable. If you reduce the spraying area, you reduce the volume of water used. The average rainfall is  $\pm 10$  mm / h at 3 bar.

Connection: female thread  
 Material : plastic  
 Suitable for: Series 6300



PART NO.	SECTOR ADJ. RANGE	ANGLE	TYPE	MOQ
0640420	90°-210°	0,16	MP 2000	1
0640421	210°-270°	0,21	MP 2000	1
0640422	360°	0,28	MP 2000	1
0640423	90°-210°	0,41	MP 3000	1
0640424	210°-270°	0,53	MP 3000	1
0640425	360°	0,70	MP 3000	1



# OVERHEAD IRRIGATION

## 1/2" and 3/4" Rotors



RAIN BIRD



### Rain Bird Pop-up sprinkler, type 3500

The 3500 series is an ideal pop-up rotor for gardens installed with other rotors like the 5000 series in places with smaller distances and also is safe of vandalism.

The 3500 series is compatible with the Rain Curtain nozzles.

The 3500 series comes with the following optional feature like the SAM Seal-A-Matic check valve.

Connection: female thread

Material : plastic

Angle : 25°

PART NO.	SIZE	SECTOR ADJ. RANGE	RISER HEIGHT	TYPE	MOQ
7008130	1/2"	40°-360°	10 cm	3504-PC	1
7021629	1/2"	40°-360°	10 cm	3504-PC-SAM with check valve	1

### PERFORMANCE ■ 50% ▲ 50%

Pressure bar	Nozzle	Radius m	Flow m <sup>3</sup> /h	Flow l/m	■ Precip mm/h	▲ Precip mm/h
1.7	0.75	4.6	0.12	2.04	12	14
	1.0	6.1	0.17	2.91	9	11
	1.5	7.0	0.24	4.01	10	11
	2.0	8.2	0.32	5.30	9	11
	3.0	8.8	0.49	8.21	13	15
	4.0	9.4	0.67	11.24	15	17
2.0	0.75	4.8	0.13	2.24	12	13
	1.0	6.2	0.19	3.14	10	11
	1.5	7.0	0.26	4.35	11	12
	2.0	8.2	0.34	5.74	10	12
	3.0	9.1	0.53	8.87	13	15
	4.0	9.7	0.73	12.17	16	18
2.5	0.75	5.2	0.16	2.58	12	13
	1.0	6.4	0.21	3.55	10	12
	1.5	7.0	0.30	4.94	12	14
	2.0	8.2	0.39	6.51	12	13
	3.0	9.4	0.60	10.03	13	16
	4.0	10.1	0.83	13.82	16	19
3.0	0.75	5.2	0.17	2.86	13	15
	1.0	6.4	0.24	3.93	12	13
	1.5	7.3	0.33	5.49	12	14
	2.0	8.2	0.43	7.17	13	15
	3.0	9.4	0.67	11.13	15	17
	4.0	10.6	0.92	15.32	16	19
3.5	0.75	5.4	0.19	3.09	13	15
	1.0	6.6	0.26	4.27	12	14
	1.5	7.3	0.36	5.97	13	15
	2.0	8.4	0.47	7.79	13	15
	3.0	9.6	0.71	11.90	15	18
	4.0	10.7	1.00	16.66	18	20
3.8	0.75	5.5	0.19	3.22	13	15
	1.0	6.7	0.27	4.47	12	14
	1.5	7.3	0.37	6.25	14	16
	2.0	8.5	0.49	8.14	13	15
	3.0	9.8	0.74	12.30	16	18
	4.0	10.7	1.04	17.41	18	21

### Hunter pop-up, type SRM 04

Connection: female thread

Material : plastic



PART NO.	SIZE	SECTOR ADJ. RANGE	RISER HEIGHT	TYPE	MOQ
0640278	1/2"	40°-360°	10 cm	SRM 04	1

#### TYPE SRM 04

0,75mm			1,5mm			3,0mm		
Bar	Q	R	Bar	Q	R	Bar	Q	R
2,1	0,15	5,2	2,1	0,30	7,0	2,1	0,57	8,5
2,8	0,17	5,5	2,8	0,34	7,3	2,8	0,68	9,1
3,4	0,19	5,5	3,4	0,39	7,3	3,4	0,77	9,1

### Hunter pop-up, type PGJ

Delivered with 8 spray nozzles, stainless steel riser and drain check valve.

Connection: female thread

Material : plastic



PART NO.	SIZE	SECTOR ADJ. RANGE	RISER HEIGHT	TYPE	MOQ
0640281	1/2"	40°-360°	10 cm	PGJ	1

#### TYPE PGJ

1,0mm			2,0mm			3,0mm			4,0mm		
Bar	Q	R	Bar	Q	R	Bar	Q	R	Bar	Q	R
2,1	0,19	5,5	2,1	0,39	7,3	2,1	0,57	9,1	2,1	0,84	10,1
2,8	0,23	5,8	2,8	0,45	7,6	2,8	0,68	9,4	2,8	0,91	10,4
3,4	0,25	5,8	3,4	0,52	7,6	3,4	0,77	9,4	3,4	1,07	10,4

### NaanDanJain pop-up sprinkler, type 805

Equipped with plastic sector adjustable Naan 427-6 WP sprinkler. With special arm to avoid drips behind the nozzle.

Connection: female thread

Material : plastic



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A JAIN IRRIGATION COMPANY

PART NO.	SIZE	SECTOR ADJ. RANGE	NOZZLE SIZE	TYPE	MOQ
0640279	1/2"	30°-360°	4,0 mm	805	1

#### TYPE 805/TYPE 427

3,2mm			3,5mm			4,0mm		
Bar	Q	R	Bar	Q	R	Bar	Q	R
2	0,57	11,5	2	0,66	12,0	2	0,85	12,0
3	0,70	12,5	3	0,81	12,5	3	1,03	13,0
4	0,81	12,5	4	0,93	13,0	4	1,18	13,0

# OVERHEAD IRRIGATION

1/2" and 3/4" Rotors



RAIN BIRD

## Rain Bird Pop-up sprinkler, series 5000

The 5000 series is an ideal pop-up rotor for large gardens and professional applications that demand high versatility and durability.

The 5000 series suits perfect with the 5000 Rain Curtain nozzles and 5000 MPR nozzles. The 5000 series comes with many optional features such as the Plus (PL) Flow shutoff to reduce downtime on jobs by flushing rotors on the spot, PRS (R) pressure regulator to save water, SAM Seal-A-Matic check valve, Stainless Steel (SS) riser to prevent vandalism on public areas and a Purple cover (NP) for non-potable systems.

Connection: female thread

Material : plastic

Rec. press.: 2.4 - 3.8 bar

PART NO.	SIZE	SECTOR ADJ. RANGE	RISER HEIGHT	TYPE	MOQ
7021631	3/4"	40°-360°	10 cm	5004PCR	1
7021630	3/4"	40°-360°	10 cm	5004PCSAM	1
7021633	3/4"	360°	10 cm	5004+FC	1
7008128	3/4"	40°-360°	10 cm	5004PC & FC	1
7021632	3/4"	40°-360°	10 cm	5004+PC & FC	1
7024220	3/4"	40°-360°	10 cm	5004+PCSAM	1
7009616	3/4"	40°-360°	10 cm	5004+PCSAMRSS with stainless steel riser	1
7021634	3/4"	40°-360°	15 cm	5006+PC	1
7021635	3/4"	40°-360°	15 cm	5006+PCSAMRSS	1
7008129	3/4"	40°-360°	30 cm	5012+PCSAMR	1



## Rain Bird MPR Nozzles, type 5000

The Rain Bird MPR Nozzles, type 5000 is used only with the 5000, 5000+ and 5000+ PRS rotors.

The 5000 MPR 30 units bag set comes with 3 different nozzle trees of varieties of 10 x 5000-MPR-25, 10 x 5000-MPR-30 and 10 x 5000-MPR-35.

Each nozzle set contains nozzles with different angles: Q(90°), T(120°), H(180°) and F(360°) nozzles.

The Rain Curtain Technology has the following benefits: bigger drop for better performance, effective watering of nearby zones and excellent uniformity and distribution.

PART NO.	MOQ
7021636	1



## Rain Bird 12-pcs Nozzle set 13° + 25° for 5000 Series

PART NO.	MOQ
7015803	1



## Rain Bird SAM kit, type 5000 Plus

PART NO.	MOQ
7021637	1

**PERFORMANCE** ■ 50% ▲ 50%

Pressure bar	Nozzle	Radius m	Flow m <sup>3</sup> /h	Flow l/m	■ Precip mm/h	▲ Precip mm/h
2.0	1.5	10.2	0.28	4.8	5	6
	2.0	10.8	0.36	6.0	6	7
	2.5	10.9	0.44	7.2	7	9
	3.0	11.2	0.55	9.0	9	10
	4.0	11.6	0.71	12.0	11	12
	5.0	12.1	0.91	15.0	12	14
	6.0	12.4	1.05	17.4	14	16
	8.0	11.8	1.45	24.0	21	24
2.5	1.5	10.4	0.31	5.4	6	7
	2.0	11.0	0.41	6.6	7	8
	2.5	11.3	0.50	8.4	8	9
	3.0	11.2	0.62	10.2	9	11
	4.0	12.3	0.81	13.2	11	13
	5.0	12.7	1.03	17.4	13	15
	6.0	13.2	1.21	20.4	14	16
	8.0	13.3	1.63	27.0	19	21
3.0	1.5	10.6	0.34	6.0	6	7
	2.0	11.2	0.45	7.8	7	8
	2.5	11.3	0.56	9.6	9	10
	3.0	12.1	0.69	11.4	9	11
	4.0	12.7	0.89	15.0	11	13
	5.0	13.5	1.13	18.6	12	14
	6.0	13.9	1.34	22.2	14	16
	8.0	14.1	1.79	30.0	18	21
3.5	1.5	10.7	0.37	6.0	7	8
	2.0	11.3	0.49	8.4	8	9
	2.5	11.3	0.60	10.2	9	11
	3.0	12.2	0.74	12.6	10	12
	4.0	12.8	0.97	16.2	12	14
	5.0	13.7	1.23	20.4	13	15
	6.0	14.2	1.45	24.0	14	17
	8.0	14.9	1.93	32.4	18	20
4.0	1.5	10.6	0.40	6.6	7	8
	2.0	11.1	0.52	9.0	8	10
	2.5	11.3	0.64	10.8	10	12
	3.0	12.2	0.80	13.2	11	12
	4.0	12.8	1.04	17.4	13	15
	5.0	13.7	1.32	22.2	14	16
	6.0	14.9	1.55	25.8	15	17
	8.0	15.2	2.06	34.2	18	21
4.5	1.5	10.4	0.42	7.2	8	9
	2.0	10.7	0.55	9.0	10	11
	2.5	11.3	0.68	11.4	11	12
	3.0	12.2	0.84	13.8	11	13
	4.0	12.8	1.10	18.0	13	15
	5.0	13.7	1.40	23.4	15	17
	6.0	14.6	1.64	28.2	15	18
	8.0	15.2	2.19	36.6	19	22

Pressure bar	Nozzle	Radius m	Flow m <sup>3</sup> /h	Flow l/m	■ Precip mm/h	▲ Precip mm/h
1.7	1.0 LA	7.6	0.17	3.0	6	7
	1.5 LA	8.2	0.26	4.2	8	9
	2.0 LA	8.8	0.33	5.4	9	10
	3.0 LA	8.8	0.51	8.4	13	15
2.0	1.0 LA	8.0	0.18	3.0	6	6
	1.5 LA	8.6	0.28	4.8	8	9
	2.0 LA	9.1	0.36	6.0	9	10
	3.0 LA	9.3	0.55	9.0	13	15
2.5	1.0 LA	8.6	0.20	3.6	5	6
	1.5 LA	9.2	0.32	5.4	8	9
	2.0 LA	9.5	0.41	6.6	9	10
	3.0 LA	10.1	0.62	10.2	12	14
3.0	1.0 LA	8.8	0.22	3.6	6	7
	1.5 LA	9.4	0.35	6.0	8	9
	2.0 LA	9.7	0.45	7.8	10	11
	3.0 LA	10.6	0.68	11.4	12	14
3.5	1.0 LA	8.8	0.24	4.2	6	7
	1.5 LA	9.4	0.38	6.6	9	10
	2.0 LA	9.9	0.49	8.4	10	11
	3.0 LA	10.8	0.74	12.6	13	15
4.0	1.0 LA	8.8	0.26	4.2	7	8
	1.5 LA	9.4	0.41	6.6	9	11
	2.0 LA	10.1	0.52	9.0	10	12
	3.0 LA	11.0	0.80	13.2	13	15
4.5	1.0 LA	8.8	0.27	4.8	7	8
	1.5 LA	9.4	0.44	7.2	10	11
	2.0 LA	10.1	0.56	9.0	11	13
	3.0 LA	11.0	0.84	13.8	14	16

**5000-MPR-25**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
90°	1,7	7,0	0,17	13,7	15,8
	2,4	7,3	0,20	14,9	17,3
	3,1	7,6	0,23	15,6	18,1
	3,8	7,6	0,25	17,4	20,1
120°	1,7	7,0	0,23	13,9	16,0
	2,4	7,3	0,27	15,4	17,8
	3,1	7,6	0,31	16,2	18,7
	3,8	7,6	0,35	18,0	20,7
180°	1,7	7,0	0,33	13,3	15,4
	2,4	7,3	0,39	14,7	17,0
	3,1	7,6	0,45	15,5	17,9
	3,8	7,6	0,50	17,3	20,0
360°	1,7	7,0	0,63	12,8	14,8
	2,4	7,3	0,76	14,2	16,4
	3,1	7,6	0,87	14,9	17,3
	3,8	7,6	0,97	16,6	19,2
4,5	7,6	1,05	18,1	20,9	

**5000-MPR-30**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
90°	1,7	8,8	0,23	12,0	13,8
	2,4	9,1	0,28	13,4	15,4
	3,1	9,1	0,32	15,2	17,6
	3,8	9,1	0,35	17,0	19,6
	4,5	9,1	0,38	18,4	21,2
120°	1,7	8,8	0,30	11,7	13,5
	2,4	9,1	0,35	13,2	15,2
	3,1	9,1	0,42	15,1	17,4
	3,8	9,1	0,47	16,8	19,4
	4,5	9,1	0,51	18,3	21,1
180°	1,7	8,8	0,49	12,5	14,4
	2,4	9,1	0,59	14,1	16,2
	3,1	9,1	0,67	16,1	18,6
	3,8	9,1	0,75	17,9	20,7
	4,5	9,1	0,82	19,6	22,6
360°	1,7	8,8	0,96	12,3	14,2
	2,4	9,1	1,15	13,8	15,9
	3,1	9,1	1,31	15,7	18,1
	3,8	9,1	1,45	17,4	20,0
	4,5	9,1	1,57	18,8	21,7

**5000-MPR-35**

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
90°	1,7	9,8	0,32	13,4	15,4
	2,4	10,4	0,38	14,1	16,3
	3,1	10,7	0,44	15,3	17,7
	3,8	10,7	0,48	17,0	19,6
	4,5	10,7	0,52	18,4	21,3
120°	1,7	9,8	0,40	12,7	14,6
	2,4	10,4	0,49	13,6	15,6
	3,1	10,7	0,56	14,7	17,0
	3,8	10,7	0,62	16,4	18,9
	4,5	10,7	0,68	17,9	20,7
180°	1,7	9,8	0,62	13,1	15,2
	2,4	10,4	0,76	14,1	16,3
	3,1	10,7	0,87	15,2	17,6
	3,8	10,7	0,96	16,9	19,5
	4,5	10,7	1,05	18,4	21,3
360°	1,7	9,8	1,22	12,8	14,8
	2,4	10,4	1,50	14,0	16,2
	3,1	10,7	1,72	15,1	17,5
	3,8	10,7	1,91	16,8	19,4
	4,5	10,7	2,09	18,3	21,2

# OVERHEAD IRRIGATION

1/2" and 3/4" Rotors



RAIN BIRD

## Rain Bird Pop-up sprinkler, type Maxi-Paw FC/PC

The Rain Bird Pop-up sprinkler, type Maxi-Paw FC/PC is an open case rotor with a hammer sprinkler inside it.

Therefore, its ideal to be used in places where dirty water can be a problem as the technology in this sprinkler is more resistant to clogging and big particles.

The Maxi-Paw is made for dirty water applications thanks to its robust construct as it makes use of a hammer impact sprinkler that works on a different way than a standard rotor from a flow technology perspective.

The Maxi-Paw comes with the 08 (blue) nozzle preinstalled and it can also be installed with other Low Angle (LA) nozzles or Standard Maxi-Paw MPR nozzles and can be adjusted from a Full Circle to a Part Circle sprinkler

PART NO.	SIZE	CONNECTION	SECTOR ADJ. RANGE	REC. PRESS. bar	RISER HEIGHT	MOQ
7021638	1/2"-3/4"	female thread	360°	2.0 - 3.5	7.6 cm	1



RAIN BIRD

## Rain Bird Nozzle, type Maxi-Paw

The Rain Bird Nozzle, type Maxi-Paw is used with the Maxi-Paw pop up.

The Standard nozzle Maxi-Paw set comes with 5 nozzles of 23°: 06 (red), 07 (black), 08 (blue), 10 (yellow) and 12 beige.

PART NO.	TYPE	COLOUR	REC. PRESS. bar	MOQ
7021639	Maxi-Paw 06	red	2.0 - 3.5	100
7021640	Maxi-Paw 07	black	2.0 - 3.5	100
7021641	Maxi-Paw 08	blue	2.0 - 3.5	100
7021642	Maxi-Paw 10	yellow	2.0 - 3.5	100
7021643	Maxi-Paw 12	beige	2.0 - 3.5	100



RAIN BIRD

## Rain Bird Nozzle low angle, type Maxi-Paw

The Rain Bird Nozzle low angle, type Maxi-Paw is used with the Maxi-Paw pop up.

The low angle nozzles are ideal for windy conditions or to reduce the wetting diameter.

The low angle nozzle Maxi-Paw set comes with 2 nozzles of 11°: 07-LA (black) and 10-LA (yellow).

PART NO.	TYPE	COLOUR	REC. PRESS. bar	MOQ
7021644	Maxi-Paw 07	black	2.0 - 3.5	100
7021645	Maxi-Paw 10	yellow	2.0 - 3.5	100



DRIP AND MICRO

OVERHEAD IRRIGATION






VALVES, MEASUREMENT AND EQUIPMENT

CONTROLLERS AND PUMPS



PIPING SYSTEMS

**PERFORMANCE** ■ 50% ▲ 50%

**MAXI-PAW MPR NOZZLES**

	Nozzle	bar	m	m <sup>3</sup> /h	■mm/h	▲mm/h
7021639	06	1,7	-	-	-	-
		2,0	-	-	-	-
		2,5	11,4	0,46	7	8
		3,0	11,5	0,51	8	9
		3,5	11,6	0,55	8	9
		4,0	11,6	0,58	9	10
	4,1	11,6	0,59	9	10	
7021640	07	1,7	9,8	0,50	10	12
		2,0	10,4	0,55	10	12
		2,5	11,0	0,60	10	11
		3,0	11,7	0,66	10	11
		3,5	12,2	0,72	10	11
		4,0	12,5	0,78	10	12
	4,1	12,5	0,79	10	12	
7021641	08	1,7	10,7	0,64	11	13
		2,0	11,1	0,68	11	13
		2,5	11,5	0,75	11	13
		3,0	12,0	0,82	11	13
		3,5	12,4	0,89	12	13
		4,0	12,7	0,94	12	14
	4,1	12,8	0,95	12	13	
7021642	10	1,7	11,6	0,95	14	16
		2,0	12,0	1,01	14	16
		2,5	12,3	1,11	15	17
		3,0	12,7	1,21	15	17
		3,5	13,0	1,31	16	18
		4,0	13,3	1,42	16	19
	4,1	13,4	1,45	16	19	
7021643	12	1,7	11,9	1,25	18	20
		2,0	12,3	1,32	17	20
		2,5	12,7	1,45	18	21
		3,0	13,2	1,58	18	21
		3,5	13,6	1,72	19	22
		4,0	13,7	1,86	20	23
	4,1	13,7	1,91	20	24	

**LA NOZZLES**

	Nozzle	bar	m	m <sup>3</sup> /h	■mm/h	▲mm/h
7021644	07-LA	1,7	6,7	0,34	15	17
		2,0	6,9	0,38	16	18
		2,5	7,1	0,42	17	19
		3,0	7,4	0,46	17	19
		3,5	7,6	0,50	17	20
	4,0	7,6	0,54	19	22	
	4,1	7,6	0,54	19	22	
7021645	10-LA	1,7	7,6	0,77	27	31
		2,0	8,1	0,83	25	29
		2,5	8,7	0,91	24	28
		3,0	9,2	1,00	24	27
		3,5	9,6	1,09	24	27
		4,0	9,8	1,19	25	29
	4,1	9,8	1,23	26	30	

# OVERHEAD IRRIGATION

1/2" and 3/4" Rotors



## Hunter Pop-up sprinkler, type PGP Ultra

Delivered with 12 spray nozzles, 8 pieces 25° and 4 pieces 13°.

Connection: female thread

Material : plastic

PART NO.	SIZE	SECTOR ADJ. RANGE	RISER HEIGHT	TYPE	MOQ
0640283	3/4"	40°-360°	10 cm	PGP Ultra	1
0640306	3/4"	40°-360°	30 cm	PGP Ultra	1

### TYPE PGP ULTRA

Nr. 1,5 gray 13°			Nr. 2 gray 13°			Nr. 2,5 gray 13°			Nr. 3 gray 13°		
Bar	Q	R	Bar	Q	R	Bar	Q	R	Bar	Q	R
2,5	0,40	7,9	2,5	0,53	8,8	2,5	0,68	9,1	2,5	0,84	9,1
3,5	0,48	8,5	3,5	0,64	10,1	3,5	0,80	10,7	3,5	1,00	10,7
4,5	0,55	9,1	4,5	0,72	10,7	4,5	0,89	11,3	4,5	1,12	11,3

### TYPE PGP ULTRA

Nr. 1,5 blue 25°			Nr. 2 blue 25°			Nr. 2,5 blue 25°			Nr. 3 blue 25°			Nr. 4 blue 25°			Nr. 5, blue 25°			Nr. 6 blue 25°			Nr. 8 blue 25°		
Bar	Q	R	Bar	Q	R	Bar	Q	R	Bar	Q	R	Bar	Q	R	Bar	Q	R	Bar	Q	R	Bar	Q	R
2,5	0,32	9,4	2,5	0,39	10,1	2,5	0,48	10,7	2,5	0,61	11,0	2,5	0,81	11,9	2,5	1,02	11,9	2,5	1,22	12,2	2,5	1,63	12,5
3,5	0,38	9,8	3,5	0,47	10,4	3,5	0,58	10,7	3,5	0,74	11,9	3,5	0,97	12,2	3,5	1,24	12,8	3,5	1,47	13,1	3,5	1,95	13,7
4,5	0,43	9,4	4,5	0,52	10,4	4,5	0,66	10,7	4,5	0,84	11,9	4,5	1,10	12,5	4,5	1,41	12,8	4,5	1,67	13,4	4,5	2,22	13,9



## Hunter pop-up, type I-20-Ultra

With stainless steel riser and check valve drain. Delivery includes 8 nozzles.

Connection: female thread

Material : plastic

PART NO.	SIZE	SECTOR ADJ. RANGE	RISER HEIGHT	TYPE	MOQ
0640290	3/4"	40°-360°	10 cm	I-20-Ultra	1

### TYPE I-20-ULTRA

Nr. 1			Nr. 2			Nr. 3			Nr. 4		
Bar	Q	R	Bar	Q	R	Bar	Q	R	Bar	Q	R
2	0,11	8,5	2	0,27	9,8	2	0,73	11,3	3,5	2,77	14,6
3,5	0,16	8,8	3,5	0,36	10,4	3,5	0,95	13,1	4,5	3,15	15,5



**NAANDANJAIN**  
A JAIN IRRIGATION COMPANY

**NaanDanJain Pop-up sprinkler, type Pop-star 565**

Pop-up sprinkler with very easy sector adjustment via a ring on the riser.

Connection: female thread

Material : plastic

PART NO.	SIZE	SECTOR ADJ. RANGE	RISER HEIGHT	TYPE	MOQ
0640277	3/4"	30°-360°	10 cm	Pop-star 565	1

TYPE 565								
Nr. 4			Nr. 6			Nr. 9		
Bar	Q	R	Bar	Q	R	Bar	Q	R
2,5	0,35	10,0	2,5	0,60	10,5	2,5	0,97	11,5
3,5	0,42	10,0	3,5	0,72	11,0	3,5	1,20	12,0
4,5	0,47	10,5	4,5	0,83	11,5	4,5	1,35	12,5



# OVERHEAD IRRIGATION



**Rain Bird Sprinkler wrench**

*RAIN BIRD*

PART NO.	TYPE	MOQ
7021647	Maxi-Paw	1



**Rain Bird Straight connector, type SPX Flex**

Pressure: 5,5 bar



*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7019426	17.5 mm	barbed	1



**Rain Bird Flex Hose tail, type SPX Flex**

Pressure: 5,5 bar



*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7019425	1/2" x 17.5 mm	male thread x barbed	1



**Rain Bird Pop up key, type Rotortool**

*RAIN BIRD*

PART NO.	MOQ
7015158	1



**Key for Hunter pop-up**

PART NO.	MOQ
0640282	1

## 1/2" and 3/4" Rotors



**Rain Bird SAM kit, type Maxi-Paw**

*RAIN BIRD*

PART NO.	TYPE	MOQ
7021646	Maxi-Paw	1



**Rain Bird Elbow 90°, type SPX Flex**

Pressure: 5,5 bar



*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7019423	1/2" x 17.5 mm	male thread x barbed	1
7019424	3/4" x 17.5 mm	male thread x barbed	1



**Rain Bird Pressure pipe, type SPX Flex**

Pressure: 5.5 bar



*RAIN BIRD*

PART NO.	SIZE	CONNECTION	MOQ
7019428	17,5 mm	plain	1



**Drain valve**

For automatic draining of the supply pipes when the pressure's off.

PART NO.	SIZE	CONNECTION	MOQ
0640307	1/2"	male thread	1



DRIP AND MICRO

OVERHEAD IRRIGATION

VALVES, MEASUREMENT AND EQUIPMENT

CONTROLLERS AND PUMPS

PIPING SYSTEMS

# OVERHEAD IRRIGATION

1" and 1 1/2" Rotors



RAIN BIRD

## Rain Bird Pop-up sprinkler, type Falcon

The Rain Bird Pop-up sprinkler, type Falcon 6504 is the ideal pop up for sport installations. The Stainless Steel (SS) riser prevents vandalism in public areas. Radius adjustment screw allows the radius reduction up to 25% without changing nozzles. The nozzle trajectory has an angle of 25° with 04 (black), 06 (light blue), 08 (dark green), 10 (grey), 12 (beige), 14 (light green), 16 (dark brown) and 18 (dark blue) Rain Curtain nozzles.

PART NO.	TYPE	SIZE	CONNECTION	SECTOR ADJ. RANGE	RISER HEIGHT	MOQ
7019429	Falcon 6504FC	1"	female thread	360°	10 cm	1
7019430	Falcon 6504PC	1"	female thread	40-360°	10 cm	1
7021648	Falcon FC-SS	1"	female thread	360°	10 cm	1
7021649	Falcon PC-SS	1"	female thread	40-360°	10 cm	1



RAIN BIRD

## Rain Bird Pop-up sprinkler, type Falcon PC-SS-HS

The Rain Bird Pop-up sprinkler, type Falcon PC-SS-HS is used for dust suppression in tennis fields or other sand/ground sport fields and for watering sports fields during short breaks. Another reason why to use it in these areas is due to its small exposed pop up head that reduces the possibility of injuries in the field. The Falcon 6504 High Speed series is able to do a full rotation in approximately 1 minute for a quick watering of the sports field. The Stainless Steel (SS) riser allows the rotor to last longer and be vandal proof.

PART NO.	TYPE	SIZE	CONNECTION	SECTOR ADJ. RANGE	RISER HEIGHT	MOQ
7021650	Falcon PC-SS-HS	1"	female thread	40°-360°	10 cm	1

**PERFORMANCE** ■ 50% ▲ 50%

**FALCON NOZZLES**

Pressure bar	Nozzle	Radius m	Flow m <sup>3</sup> /h	Flow l/m	■ Precip mm/h	▲ Precip mm/h
2.1	● 4	11.9	0.66	10.98	9	11
	● 6	13.1	0.95	15.90	11	13
2.5	● 4	12.3	0.72	11.92	10	11
	● 6	13.5	1.05	17.56	12	13
	● 8	14.9	1.50	25.20	13	16
	● 10	15.5	1.84	30.60	15	18
	● 12	16.2	2.20	36.60	17	19
	● 14	16.8	2.57	42.60	18	21
	● 16	16.8	2.86	47.40	20	24
3.0	● 18	18.0	3.11	51.60	19	22
	● 4	12.5	0.78	13.02	10	12
	● 6	14.1	1.16	19.34	12	13
	● 8	15.1	1.56	26.04	14	16
	● 10	15.8	1.92	31.99	15	18
	● 12	16.4	2.31	38.44	17	20
	● 14	17.2	2.68	44.63	18	21
3.5	● 16	17.4	3.00	49.95	20	23
	● 18	18.0	3.25	54.11	20	23
	● 4	12.5	0.85	14.09	11	13
	● 6	14.9	1.26	20.96	11	13
	● 8	15.5	1.69	28.24	14	16
	● 10	16.2	2.08	34.70	16	18
	● 12	16.8	2.52	41.98	18	21
4.0	● 14	18.0	2.91	48.45	18	21
	● 16	18.6	3.27	54.53	19	22
	● 18	18.1	3.53	58.78	22	25
	● 4	12.5	0.89	14.91	11	13
	● 6	14.4	1.34	22.33	13	15
	● 8	15.5	1.83	30.44	15	17
	● 10	16.6	2.23	37.17	16	19
4.5	● 12	17.3	2.72	45.28	18	21
	● 14	18.5	3.12	52.01	18	21
	● 16	19.1	3.50	58.37	19	22
	● 18	19.0	3.81	63.45	21	24
	● 4	12.5	0.96	15.94	12	14
	● 6	14.6	1.40	23.33	13	15
	● 8	15.5	1.95	32.43	16	19
5.0	● 10	17.1	2.37	39.44	16	19
	● 12	17.7	2.89	48.17	18	21
	● 14	18.6	3.32	55.38	19	22
	● 16	19.2	3.71	61.82	20	23
	● 18	19.5	4.03	67.12	21	24
	● 4	12.7	1.01	16.84	13	15
	● 6	14.9	1.47	24.50	13	15
5.5	● 8	15.7	2.05	34.16	17	19
	● 10	17.2	2.50	41.64	17	19
	● 12	18.1	3.04	50.72	19	21
	● 14	18.6	3.51	58.49	20	23
	● 16	19.2	3.91	65.11	21	24
	● 18	19.8	4.23	70.51	22	25
	● 4	13.1	1.04	17.39	12	14
6.0	● 6	14.9	1.56	25.79	14	16
	● 8	16.1	2.13	35.54	16	19
	● 10	16.8	2.63	43.84	19	22
	● 12	18.6	3.18	52.92	18	21
	● 14	18.6	3.67	61.23	21	25
	● 16	19.2	4.10	68.40	22	26
	● 18	19.8	4.44	74.07	23	26
6.2	● 18	19.8	4.93	82.13	25	29

Pressure bar	Nozzle	Radius m	Flow m <sup>3</sup> /h	Flow l/m	■ Precip mm/h	▲ Precip mm/h
2.1	● 4	11.3	0.68	11.35	11	12
	● 6	11.9	0.98	15.90	14	16
2.5	● 4	12.0	0.75	12.54	10	12
	● 6	12.7	1.22	20.16	15	18
	● 8	14.2	1.49	25.20	15	17
	● 10	14.2	1.83	30.60	18	21
	● 12	14.8	2.24	37.20	20	24
	● 14	16.0	2.58	43.20	20	23
	● 16	15.4	2.85	47.40	24	28
3.0	● 18	16.0	3.15	52.80	24	28
	● 4	12.5	0.81	13.51	10	12
	● 6	13.3	1.33	22.18	15	17
	● 8	14.5	1.57	26.18	15	17
	● 10	14.5	1.93	32.12	18	21
	● 12	15.4	2.35	39.20	20	23
	● 14	16.2	2.71	48.09	21	24
3.5	● 16	15.8	3.00	49.95	24	28
	● 18	16.4	3.29	54.87	25	28
	● 4	12.5	0.85	14.15	11	13
	● 6	13.7	1.28	21.37	14	16
	● 8	14.9	1.72	28.62	16	18
	● 10	14.9	2.11	35.11	19	22
	● 12	16.2	2.56	42.74	20	23
4.0	● 14	16.2	2.95	49.20	23	26
	● 16	16.2	3.27	54.53	25	29
	● 18	16.9	3.57	59.51	25	29
	● 4	12.5	0.93	15.52	12	14
	● 6	13.7	1.38	23.02	15	17
	● 8	14.4	1.85	30.81	18	21
	● 10	14.9	2.27	37.86	20	24
4.5	● 12	16.2	2.76	46.03	21	24
	● 14	16.2	3.17	52.77	24	28
	● 16	16.6	3.50	58.37	25	29
	● 18	17.7	3.83	63.90	24	28
	● 4	12.5	1.00	16.69	13	15
	● 6	13.4	1.48	24.46	16	19
	● 8	14.6	1.97	32.81	18	21
5.0	● 10	15.3	2.42	40.40	21	24
	● 12	16.5	2.95	49.13	22	25
	● 14	16.2	3.36	55.94	26	30
	● 16	17.1	3.73	62.22	26	30
	● 18	18.0	4.07	67.89	25	29
	● 4	12.3	1.06	17.70	14	16
	● 6	13.1	1.56	25.74	18	21
5.5	● 8	15.1	2.08	34.73	18	21
	● 10	15.4	2.57	42.78	22	25
	● 12	16.8	3.12	51.96	22	26
	● 14	16.2	3.54	59.06	27	31
	● 16	17.5	3.96	65.96	26	30
	● 18	18.0	4.30	71.74	27	31
	● 4	11.9	1.11	18.52	16	18
6.0	● 6	13.1	1.61	26.84	19	22
	● 8	15.5	2.20	36.65	18	21
	● 10	14.9	2.70	44.97	24	28
	● 12	16.8	3.27	54.43	23	27
	● 14	16.2	3.74	62.35	29	33
	● 16	18.0	4.17	69.53	26	30
	● 18	18.0	4.53	75.58	28	32
6.2	● 18	18.6	4.84	80.62	28	32

# OVERHEAD IRRIGATION

## 1" and 1 1/2" Rotors



RAIN BIRD

### Rain Bird Pop-up sprinkler, type 8005

The Rain Bird Pop-up sprinkler, type 8005 is used in the sports fields, parks and other big areas of grass applications.

The 8005 series comes in 2 versions. Version 1 with an optional #18 pre installed purple nozzle and version 2 with a stainless steel riser to increase the resistance of the riser against vandalism.

The 8005 series comes with a Rain Curtain Nozzle tree set of 12 nozzles: 04 (black), 06 (light blue), 08 (dark green), 10 (gray), 12 (beige), 14 (light green), 16 (dark brown), 18 (dark blue), 20 (red), 22 (yellow), 24 (orange) and 26 (white).

The 8005 series comes with a standard SAM-check-valve.

PART NO.	TYPE	SIZE	CONNECTION	SECTOR ADJ. RANGE	RISER HEIGHT	MOQ
7021651	8005	1"	female thread	50°-330°+360°	13 cm	1
7021652	8005-SS	1"	female thread	50°-330°+360°	13 cm	1



RAIN BIRD

### Rain Bird Nozzle, type 8005

The Rain Bird Nozzle is suitable for the 8005 pop up series.

The High Flow optional nozzles are available in color codes 20 (red), 22 (yellow), 24 (orange) and 26 (white)

These nozzles are only suitable for the 8005 pop up series.

PART NO.	TYPE	COLOUR	MOQ
7021653	8005 20	red	1
7021654	8005 22	yellow	1
7021655	8005 24	orange	1
7021656	8005 26	white	1



### Rain Bird Sod Cup, type 8005

The Rain Bird Sod Cup, type 8005 is used only for the 8005 pop up series and in areas when an invisible pop up is needed like in the middle of the sportsfield or the side where you can find grass.

PART NO.	MOQ
7021657	1



RAIN BIRD

### Rain Bird Nozzle, type Falcon 6504 & 8005 series

The Rain Bird nozzles, type Falcon 6504 & 8005 series is the best nozzles to be used with the FALCON 6504 and 8005 pop up series.

The nozzles with Rain Curtain technology produce large water droplets which are more resistant to wind and reduce misting which improves the irrigation performance.

The Rain Curtain nozzles have an effective and gentle close-in irrigation which allows the pop up to prevent dry spots in the area close to the rotor and avoid seed washout.

PART NO.	COLOUR	MOQ
7019431	black	1
7019432	blue	1
7019433	green	1
7019434	grey	1
7019435	beige	1
7019436	light green	1
7019437	black/blue	1
7019438	dark blue	1

**PERFORMANCE** ■ 50% ▲ 50%

**8005 NOZZLES**

Pressure bar	Nozzle	Radius m	Flow m <sup>3</sup> /h	Flow l/m	■ Precip mm/h	▲ Precip mm/h
3.5	● 4	11.9	0.86	14.38	12	14
	● 6	13.7	1.28	21.34	14	16
	● 8	14.9	1.59	25.50	14	16
	● 10	16.1	2.10	35.43	16	19
	● 12	17.5	2.52	42.27	16	19
	● 14	18.0	2.89	48.18	18	21
	● 16	18.7	3.28	54.59	19	22
	● 18	19.2	3.69	61.43	20	23
	● 20	19.9	4.25	70.83	21	25
	● 22	20.0	5.08	79.07	25	29
	● 24	19.3	5.11	85.10	27	32
	○ 26	20.0	5.57	92.67	28	32
4.0	● 4	11.9	0.93	14.38	13	15
	● 6	13.7	1.37	22.71	15	17
	● 8	14.9	1.75	30.44	16	18
	● 10	16.3	2.30	37.63	17	20
	● 12	17.7	2.70	44.74	17	20
	● 14	18.5	3.17	52.85	19	21
	● 16	19.6	3.54	58.98	18	21
	● 18	19.7	3.97	66.10	20	24
	● 20	20.3	4.50	74.95	22	25
	● 22	21.3	5.23	85.94	23	27
	● 24	20.7	5.50	91.69	26	30
	○ 26	21.8	6.01	99.26	25	29
4.5	● 4	11.9	1.00	16.18	14	16
	● 6	13.7	1.45	24.28	15	18
	● 8	14.9	1.92	32.99	17	20
	● 10	16.5	2.40	40.22	18	20
	● 12	18.0	2.87	47.81	18	20
	● 14	18.9	3.37	56.12	19	22
	● 16	20.1	3.77	62.77	19	22
	● 18	20.1	4.22	70.36	21	24
	● 20	21.1	4.79	79.87	22	25
	● 22	22.0	5.51	91.80	23	26
	● 24	22.0	5.88	98.08	24	28
	○ 26	22.6	6.42	106.44	25	29
5.0	● 4	11.9	1.06	18.08	15	17
	● 6	13.7	1.54	25.74	16	19
	● 8	14.9	2.09	34.83	19	22
	● 10	16.7	2.50	42.68	18	21
	● 12	18.3	3.05	50.92	18	21
	● 14	19.2	3.54	58.96	19	22
	● 16	20.4	3.99	66.44	19	22
	● 18	20.6	4.47	74.58	21	24
	● 20	21.6	5.11	85.08	22	25
	● 22	22.4	5.84	97.39	23	27
	● 24	23.0	6.26	104.29	24	27
	○ 26	23.2	6.80	113.28	25	29

Pressure bar	Nozzle	Radius m	Flow m <sup>3</sup> /h	Flow l/m	■ Precip mm/h	▲ Precip mm/h
5.5	● 4	11.9	1.13	18.90	16	18
	● 6	13.7	1.62	26.84	17	20
	● 8	14.9	2.25	37.02	20	23
	● 10	16.8	2.70	44.60	19	22
	● 12	18.5	3.23	53.66	19	22
	● 14	19.2	3.72	61.98	20	23
	● 16	20.4	4.22	70.28	20	23
	● 18	21.0	4.74	78.97	21	25
	● 20	21.6	5.42	90.30	23	27
	● 22	22.8	6.19	103.15	24	28
	● 24	23.5	6.62	110.33	24	28
	○ 26	24.1	7.14	119.05	25	28
6.0	● 12	18.6	3.30	55.07	19	22
	● 14	19.6	3.96	66.06	21	24
	● 16	20.9	4.45	74.12	20	24
	● 18	21.5	4.95	82.56	21	25
	● 20	22.1	5.65	94.18	23	27
	● 22	22.9	6.71	108.12	26	30
6.2	● 24	23.9	6.92	115.31	24	28
	○ 26	24.1	7.50	125.08	26	30
	● 14	19.8	4.06	67.75	21	24
	● 16	21.0	4.54	75.70	21	24
	● 18	21.7	5.04	84.02	21	25
	6.5	● 20	22.5	5.89	98.19	23
● 22		23.4	6.84	112.73	25	29
● 24		24.1	7.22	120.25	25	29
○ 26		24.3	7.91	131.76	27	31
6.9	● 20	22.9	6.09	101.43	23	27
	● 22	23.5	6.97	116.19	25	29
	● 24	24.1	7.45	124.14	26	30
	○ 26	24.7	8.24	137.39	27	31

# OVERHEAD IRRIGATION

1" and 1 1/2" Rotors



RAIN BIRD



## Rain Bird Pop-up sprinkler, type Eagle 900E FC

The Rain Bird Pop-up sprinkler, type Eagle 900E FC has been designed to be used in sports fields (horses, soccer, field hockey, etc) for both natural and artificial grass.

Due to its full circle design this pop up is normally used inside the field with an additional grass cover kit.

The inclusion of an electric valve as part of the 900E Eagle is an ideal to control every pop up individually depending on the area that you need to irrigate.

The 900E comes with the standard 60 black nozzle but there is a range of nozzles from 44 blue to 64 red that you can adapt to the pop-up.

PART NO.	TYPE	SIZE	CONNECTION	SECTOR ADJ. RANGE	RISER HEIGHT	MOQ
7019439	Eagle 900E FC	1 1/2"	female ACME thread	360°	8 cm	1



## Rain Bird Nozzle housing, type Eagle 900E FC

The Rain Bird nozzle housing, type Eagle 900E FC is used with the Eagle 900E only.

Spare parts for nozzle housing are always available.

RAIN BIRD

PART NO.	MOQ
7019442	1



## Rain Bird Main nozzle, type Eagle 900E FC

The Rain Bird main nozzle is suited for Eagle 900E only.

The Eagle 900E nozzle is available in different range of colours such as #44 blue, #48 yellow, #52 orange, #56 green, #60 black (standard) and #64 red.

RAIN BIRD

PART NO.	TYPE	COLOUR	MOQ
7023855	Eagle 900E FC 44	blue	1
7023856	Eagle 900E FC 48	yellow	1
7023857	Eagle 900E FC 52	orange	1
7023858	Eagle 900E FC 56	green	1
7019443	Eagle 900E FC 60	black	1
7023859	Eagle 900E FC 64	red	1



RAIN BIRD

## Rain Bird Spray nozzle small, type Eagle 900E

The Rain Bird Spray nozzle small is compatible with the Eagle 900E only.

The Eagle 900E comes with a standard 60 black nozzle so if additional nozzles like #44 to #48 are purchased, then it is also recommended to buy the proper spreader for these nozzles.

PART NO.	TYPE	SUITABLE FOR	MOQ
7019440	Eagle 900E	nozzle #44-48	1



RAIN BIRD

## Rain Bird Spray nozzle big, type Eagle 900E

The Rain Bird Spray nozzle big is compatible with the Eagle 900E only.







The Eagle 900E comes with a standard 60 black nozzle so if any additional nozzles like #52 to #64 are purchased, then the Eagle 900E needs to have the right spreader and this is only a spare part.

PART NO.	TYPE	SUITABLE FOR	MOQ
7019441	Eagle 900E	nozzle #52-64	1



**PERFORMANCE** ■ 50% ▲ 50%

**EAGLE 900 NOZZLES**

	Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
7023855		4,1	19,2	4,85	13	15
		4,5	19,8	5,11	13	15
		5,0	20,7	5,40	13	15
		5,5	21,6	5,59	12	14
		6,0	21,6	5,90	13	15
		6,5	21,9	6,16	13	15
7023856		4,1	22,3	6,56	13	15
		4,5	22,3	6,81	14	16
		5,0	22,4	7,22	14	17
		5,5	22,8	7,72	15	17
		6,0	23,3	7,88	14	17
		6,5	23,5	8,06	15	17
7023857		4,1	22,9	7,25	14	16
		4,5	23,5	7,57	14	16
		5,0	24,2	8,00	14	16
		5,5	24,7	8,41	14	16
		6,0	24,7	8,81	14	17
		6,5	24,9	9,19	15	17
7023858		4,1	24,7	8,60	14	16
		4,5	25,0	8,94	14	17
		5,0	25,5	9,40	14	17
		5,5	25,9	9,87	15	17
		6,0	26,3	10,34	15	17
		6,5	26,8	10,80	15	17
7019443		4,1	-	-	-	-
		4,5	26,2	9,47	14	16
		5,0	26,8	10,00	14	16
		5,5	27,7	10,52	14	16
		6,0	27,7	11,03	14	17
		6,5	27,7	11,50	15	17
7023859		4,1	-	-	-	-
		4,5	27,4	10,35	14	16
		5,0	27,9	10,94	14	16
		5,5	28,3	11,56	14	16
		6,0	28,8	12,06	14	17
		6,5	29,2	12,57	15	17
	6,9	29,6	12,97	15	17	



# OVERHEAD IRRIGATION

1" and 1 1/2" Rotors



RAIN BIRD



## Rain Bird Pop-up sprinkler, type Eagle 950E PC

The Rain Bird Pop-up sprinkler, type Eagle 950E PC has been designed to be used in sports fields (horses, soccer, field hockey, etc) for both natural and artificial grass and specially useful to be installed outside the sport areas as this is a part circle.

The inclusion of an electric valve as part of the 950E Eagle is ideal to control every pop up individually depending on the area that you need to irrigate.

The 950E comes with the standard 28 green nozzle but there is a range of nozzles from 18-C white to 32 brown that you can adapt to the pop-up.

PART NO.	TYPE	SIZE	CONNECTION	SECTOR ADJ. RANGE	RISER HEIGHT	MOQ
7019444	Eagle 950E PC	1 1/2"	female ACME thread	40-360°	8 cm	1



RAIN BIRD

## Rain Bird Nozzle housing, type Eagle 950E PC

The Rain Bird Nozzle housing, type Eagle 950E PC suits the Eagle 9550E only.

Spare parts for nozzle housing are always available.

PART NO.	MOQ
7019445	1
7021659	50



RAIN BIRD

## Rain Bird Cover, type Eagle

The Rain Bird Cover, type Eagle is used only with the Eagle 900 or 950 models.

They should be used in athletic fields in order to provide safety for the players.

The rubber cover kit is only suitable for the Eagle 900 or 950 series.

PART NO.	TYPE	MOQ
7021660	Eagle 900RC	1
7021661	Eagle 950RC	1



RAIN BIRD

## Rain Bird Grass cover, type Eagle 900E/950E

The Rain Bird Grass cover, type Eagle 900E/950E is ideal for covering the pop up and prevent anyone to come in contact with it.

The cover is needed for both safety and design.

The artificial grass cover for the Eagle 900E and 950E comes with a 2 piece kit, the nozzle housing cover and the case ring.

PART NO.	TYPE	SUITABLE FOR	MOQ
7019447	Eagle 900E/950E	type Eagle	1



RAIN BIRD

### Rain Bird Main nozzle type Eagle 950E PC

The Rain Bird Main nozzle should be used with the Eagle 950E only. The Eagle 950E nozzle is available in different color variants of #18-C white, #20-C gray, #22-C blue, #24-C yellow, #26 orange, #28 green, #30 black and #32 brown.

PART NO.	TYPE	COLOUR	MOQ
7023860	Eagle 950E PC 18	white	1
7023861	Eagle 950E PC 20	grey	1
7023900	Eagle 950E PC 22	blue	1
7023862	Eagle 950E PC 24	yellow	1
7023863	Eagle 950E PC 26	orange	1
7019446	Eagle 950E PC 28	green	1
7023864	Eagle 950E PC 30	black	1
7023865	Eagle 950E PC 32	brown	1

### PERFORMANCE ■ 50% ▲ 50%

#### EAGLE 950 NOZZLES

Nozzle	bar	m	m <sup>3</sup> /h	■ mm/h	▲ mm/h
7023860 18-C	4,1	21,3	4,43	19	23
	4,5	21,7	4,64	20	23
	5,0	22,1	4,93	20	23
	5,5	22,5	5,19	20	24
	6,0	22,8	5,44	21	24
	6,5	23,0	5,68	21	25
	6,9	23,2	5,86	22	25
7023861 20-C	4,1	21,9	5,22	22	25
	4,5	22,3	5,48	22	26
	5,0	22,7	5,81	23	26
	5,5	23,2	6,12	23	26
	6,0	23,6	6,40	23	27
	6,5	24,0	6,69	23	27
	6,9	24,4	6,93	23	27
7023900 22-C	4,1	22,6	6,02	24	27
	4,5	22,9	6,29	24	28
	5,0	23,5	6,66	24	28
	5,5	24,4	7,01	23	27
	6,0	24,8	7,34	24	28
	6,5	25,3	7,64	24	28
	6,9	25,6	7,86	24	28
7023862 24-C	4,1	23,2	7,00	26	30
	4,5	23,8	7,32	26	30
	5,0	24,7	7,75	25	29
	5,5	25,6	8,16	25	29
	6,0	26,5	8,56	24	28
	6,5	27,1	8,93	24	28
	6,9	27,4	9,20	24	28
7023863 26	4,1	23,8	8,18	29	34
	4,5	24,4	8,50	29	33
	5,0	25,1	8,95	28	33
	5,5	25,6	9,41	29	33
	6,0	26,0	9,73	29	33
	6,5	26,5	10,18	29	33
	6,9	26,8	10,61	29	34
7019446 28	4,1	-	-	-	-
	4,5	25,2	9,44	30	35
	5,0	25,8	10,00	30	35
	5,5	26,2	10,72	31	36
	6,0	26,9	10,93	30	35
	6,5	27,4	11,37	30	35
	6,9	27,7	11,86	31	36
7023864 30	4,1	-	-	-	-
	4,5	25,2	10,44	33	38
	5,0	25,8	10,92	33	38
	5,5	26,2	11,43	33	39
	6,0	27,1	11,85	32	37
	6,5	27,7	12,30	32	37
	6,9	28,0	12,67	32	38
7023865 32	4,1	-	-	-	-
	4,5	25,3	11,17	35	41
	5,0	25,7	11,60	35	41
	5,5	25,9	12,05	36	42
	6,0	26,6	12,46	35	41
	6,5	27,3	13,00	35	41
	6,9	28,0	13,49	34	40

# OVERHEAD IRRIGATION

1" and 1 1/2" Rotors



RAIN BIRD



## Rain Bird Swing Joint, type BSP/BSP SJ 100 22

The Rain Bird Swing Joint, type BSP/BSP SJ 100 22 is ideal in professional commercial installations where the Eagle series or other impact sprinklers are used. The swing joint's special elbow design reduces the pressure loss by up to 50%, thanks to the improved water stream channels in the joint. The oversized threaded inlets and double o-rings make installation easier at under water or in difficult places.

Suitable for: Eagle & impact series rotors

PART NO.	TYPE	SIZE	CONNECTION	LENGTH	MOQ
7021662	BSP/BSP SJ 12 100 22	1"	male thread	30 cm	1
7021663	BSP/BSP SJ 18 100 22	1"	male thread	45 cm	1



RAIN BIRD



## Rain Bird Swing Joint, type BSP/ACME SJ 150 23

The Rain Bird Swing Joint, type BSP/ACME SJ 150 23 is ideal in professional and commercial installations where the Eagle series or other impact sprinklers are used. The swing joint's special elbow design reduces the pressure loss by up to 50% thanks to the improved water stream channels in the joint. The oversized threaded inlets and double o-rings make installation easier at under water or in difficult places.

Suitable for: Eagle & impact series rotors

PART NO.	TYPE	SIZE	CONNECTION	LENGTH	MOQ
7021664	BSP/ACME SJ 12 150 23	1 1/2"	male thread x male ACME thread	30 cm	1
7021665	BSP/ACME SJ 18 150 23	1 1/2"	male thread x male ACME thread	45 cm	1



RAIN BIRD

## Rain Bird Adaptor, type ADPT 150

The Rain Bird Adaptor, type ADPT 150 is used in combination with the swing joint. Rain Birds Adapter 150 prevents leaking thanks to the double seal. You can now change from BSP thread to NPT and the other way around real easy.

PART NO.	SIZE	CONNECTION	MOQ
7021666	1 1/2"	female thread x male ACME thread	1



## Rain Bird Service key, type DR SVK 7

RAIN BIRD

PART NO.	MOQ
7021671	1



## Rain Bird Valve key, type DR SVK 7

RAIN BIRD

PART NO.	MOQ
7021672	1



**Rain Bird Valve insertion tool, type VT-DR**

*RAIN BIRD.*

PART NO.	MOQ
7021668	1



**Rain Bird Installation socket, type IS-TSRS**

*RAIN BIRD.*

PART NO.	MOQ
7021670	1



**Rain Bird Snap ring pliers, type SRP**

*RAIN BIRD.*

PART NO.	MOQ
7021669	1



**Rain Bird Pitot tube for pressure gauge**

*RAIN BIRD.*

The Rain Bird Pilot tube for pressure gauge is best used to check the pressure in your piping systems.

Use the pilot tube with a pressure gauge in order to measure the pressure at a nozzle in use.

PART NO.	MOQ
7021667	1

# OVERHEAD IRRIGATION

## Impact Sprinklers and Stands



NAANDANJAIN  
A JAIN IRRIGATION COMPANY

### NaanDanJain Part circle sprinkler, type 427

Anti-side splash hammer. Deflector shield and diffuser screw to control distance and stream pattern.

Connection: male thread



### Nozzles

PART NO.	NOZZLE SIZE mm	SIZE	MOQ
0640122	2,8	1/2"	1
0640127	4,0	1/2"	1

PART NO.	SIZE mm COLOUR		2.0 BAR		3.0 BAR		4.0 BAR	
			m <sup>3</sup> /h	R	m <sup>3</sup> /h	R	m <sup>3</sup> /h	R
7012880	2,8	orange	0,45	11	0,55	11,25	0,63	12
7012881	3,0	red	0,51	11,5	0,63	12	0,72	12,5
7012882	3,2	green	0,57	11,5	0,70	12	0,81	26
7012883	3,5	blue	0,66	11,5	0,81	12	0,93	13
7012884	4,0	black	0,85	12	1,03	13	1,18	13



NAANDANJAIN  
A JAIN IRRIGATION COMPANY

### NaanDanJain Part circle sprinkler, type 525

Almost silent when working. No splash back. Adjustable sector from 30° to 360°. With filter and diffuser pin.

Connection: male thread



### Nozzles

PART NO.	NOZZLE SIZE mm	SIZE	MOQ
0640132	4,0	1/2"	1

PART NO.	SIZE mm COLOUR		2.0 BAR		3.0 BAR		4.0 BAR	
			m <sup>3</sup> /h	R	m <sup>3</sup> /h	R	m <sup>3</sup> /h	R
	4,0	yellow	0,85	10,5	1,03	11,1	1,18	11,6



NAANDANJAIN  
A JAIN IRRIGATION COMPANY

### NaanDanJain Part circle sprinkler, type 423 WP

Anti side-splash hammer. Deflector shield and diffuser to control distance and stream pattern. Adjustable sector.

Connection: male thread

Material : brass



### Nozzles

PART NO.	NOZZLE SIZE mm	SIZE	MOQ
7024255	3.2	1/2"	1
7024256	3,5	1/2"	1
0640136	4,0	1/2"	1

PART NO.	SIZE mm COLOUR		2.0 BAR		3.0 BAR		4.0 BAR	
			m <sup>3</sup> /h	R	m <sup>3</sup> /h	R	m <sup>3</sup> /h	R
7012889	3.2	green	0,57	11,5	0,70	12,5	0,81	13,0
7012890	3,5	blue	0,66	12,0	0,81	13,0	0,93	13,5
7012891	4,0	black	0,85	12,5	1,03	13,5	1,18	14,0

### AF Full circle sprinkler, type 022

Connection: male thread

Material : brass



#### Nozzles

PART NO.	NOZZLE SIZE mm	SIZE	MOQ
7023849	4,0 x 2,4	1/2"	1

PART NO.	SIZE mm COLOUR	2.0 BAR		3.0 BAR		4.0 BAR	
		m <sup>3</sup> /h	R	m <sup>3</sup> /h	R	m <sup>3</sup> /h	R
	4,0 x 2,4	1,14	12,7	1,41	13,7	1,65	13,9

### AF Full circle sprinkler, type RC 130

Connection: male thread

Material : brass



#### Nozzles

PART NO.	NOZZLE SIZE mm	SIZE	MOQ
0630057	4,4 x 2,4	3/4"	1
0630089	4,8	3/4"	1

PART NO.	SIZE mm COLOUR	3.0 BAR		4.0 BAR		5.0 BAR	
		m <sup>3</sup> /h	R	m <sup>3</sup> /h	R	m <sup>3</sup> /h	R
7012814	4,0	1,08	15,1	1,22	15,2	1,36	15,8
7012815	4,4	1,29	15,7	1,47	16	1,62	16,2
7012816	4,8	1,54	16	1,77	16,1	1,95	17,1
7012817	5,2	1,76	16,5	2,06	17	2,30	17,7
7012818	5,6	2,07	16,7	2,42	17,5	2,60	18,3
7012819	plug						
7012820	spray 2,4						
7012821	spray 3,2						
	4,0 x 2,4	1,49	14,6	1,71	15,3	1,85	15,8
	4,4 x 2,4	1,68	15	1,95	15,5	2,11	16,2
	4,8 x 2,4	1,97	15,8	2,25	16,1	2,43	17,1
	4,8 x 3,2	2,22	14,8	2,58	16	2,85	17,1
	5,2 x 3,2	2,36	16	2,84	17	3,26	17,7
	5,6 x 3,2	2,85	15,8	3,26	16,4	3,58	18,3

# OVERHEAD IRRIGATION

## Impact Sprinklers and Stands



### AF Part circle sprinkler, type RC 135

Connection: female thread

Material : brass

PART NO.	NOZZLE SIZE mm	SIZE	MOQ
0630199	4,8	3/4"	1

### Nozzles

PART NO.	SIZE mm COLOUR	3.0 BAR		3.5 BAR		4.0 BAR	
		m <sup>3</sup> /h	R	m <sup>3</sup> /h	R	m <sup>3</sup> /h	R
7012814	4,0	1,08	14,3	1,16	14,7	1,22	14,9
7012815	4.4	1,29	14,8	1,39	15,1	1,47	15,4
7012816	4,8	1,54	16	1,77	16,1	1,95	17,1
7012817	5,2	1,76	15,1	1,96	15,9	2,09	16,3
7012818	5,6	2,07	15,4	2,28	16,0	2,42	16,4
7012819	plug						
7012820	spray 2,4						
7012821	spray 3,2						
	4,0 x 2,4	1,49	13,5	1,71	14	1,71	14
	4,4 x 2,4	1,68	14,6	1,95	14,8	1,95	14,8
	4,8 x 2,4	1,97	14,7	2,25	15,2	2,25	15,2
	4,8 x 3,2	2,22	14,8	2,58	15,2	2,58	15,2
	5,2 x 3,2	2,36	14,9	2,84	15,6	2,84	15,6
	5,6 x 3,2	2,85	15,2	3,26	15,8	3,26	15,8



### Rain train, type T-V

Compact travel irrigator for sport fields.

Working pressure: min 3.5 bar at sprinkler.

Waterflow: 3 m<sup>3</sup>/h.

Sprinkler connection: 1" female.

Inlet connection: 1" female.

Weight: 33 kg.

The travel irrigator is pulled forward by a hydraulic motor, while irrigating.

At the end of the set range, the hydraulic motor will automatically stop and cease irrigating.

The supply hose (25mm) is pulled along by the reel.

Material : aluminium

Minimum inlet pressure: 4.5 bar

Speed : 10 up to 20 m/h

Travel Width Ø : 30-36 m

Travel length : 120 m

PART NO.	MOQ
0640084	1



**Sprinkler stand (tripod)**

Connection : female thread  
 Material : steel  
 Surface treatment : galvanised

PART NO.	SIZE	HEIGHT	MOQ
0640070	1/2"	600 mm	1



**Sprinkler stand (tripod)**

Connection : female thread  
 : x male thread  
 Material : steel  
 Surface treatment : galvanised

PART NO.	SIZE	HEIGHT	MOQ
0640071	3/4"	600 mm	1
0640072	1"	600 mm	1
0640073	1 1/4"	600 mm	1
0640074	1 1/2"	1000 mm	1

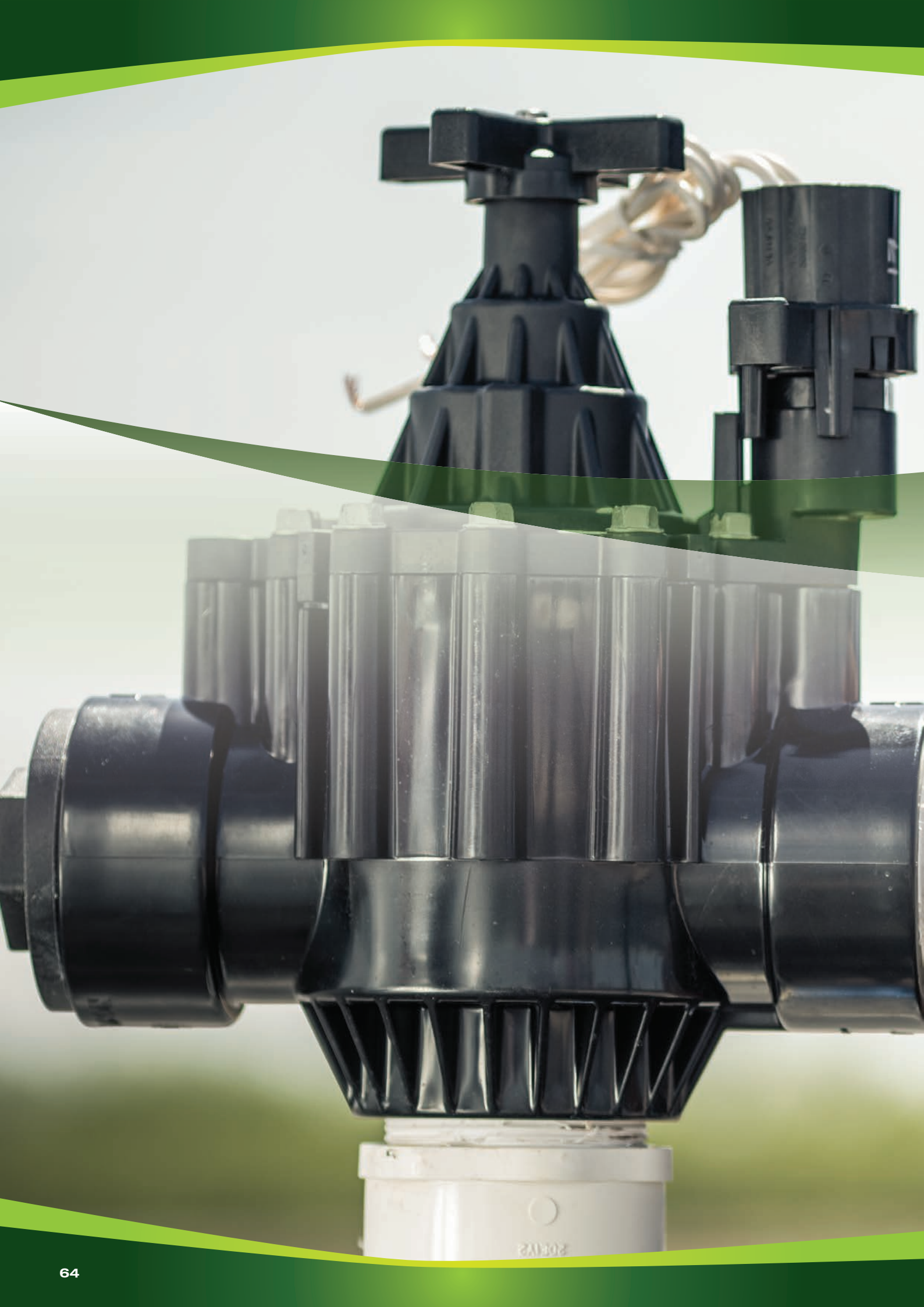


**Sprinkler sledge**

Comes without a brass coupler.  
 Connection : female thread  
 Material : steel  
 Surface treatment : galvanised

PART NO.	SIZE	HEIGHT	MOQ
0640077	3/4"	600 mm	1







# VALVES, MEASUREMENT AND EQUIPMENT

Measurement, Regulation and Filtration

Solenoid Valves and Cable

Manifolds and Valve Boxes

DRIP AND MICRO

OVERHEAD IRRIGATION

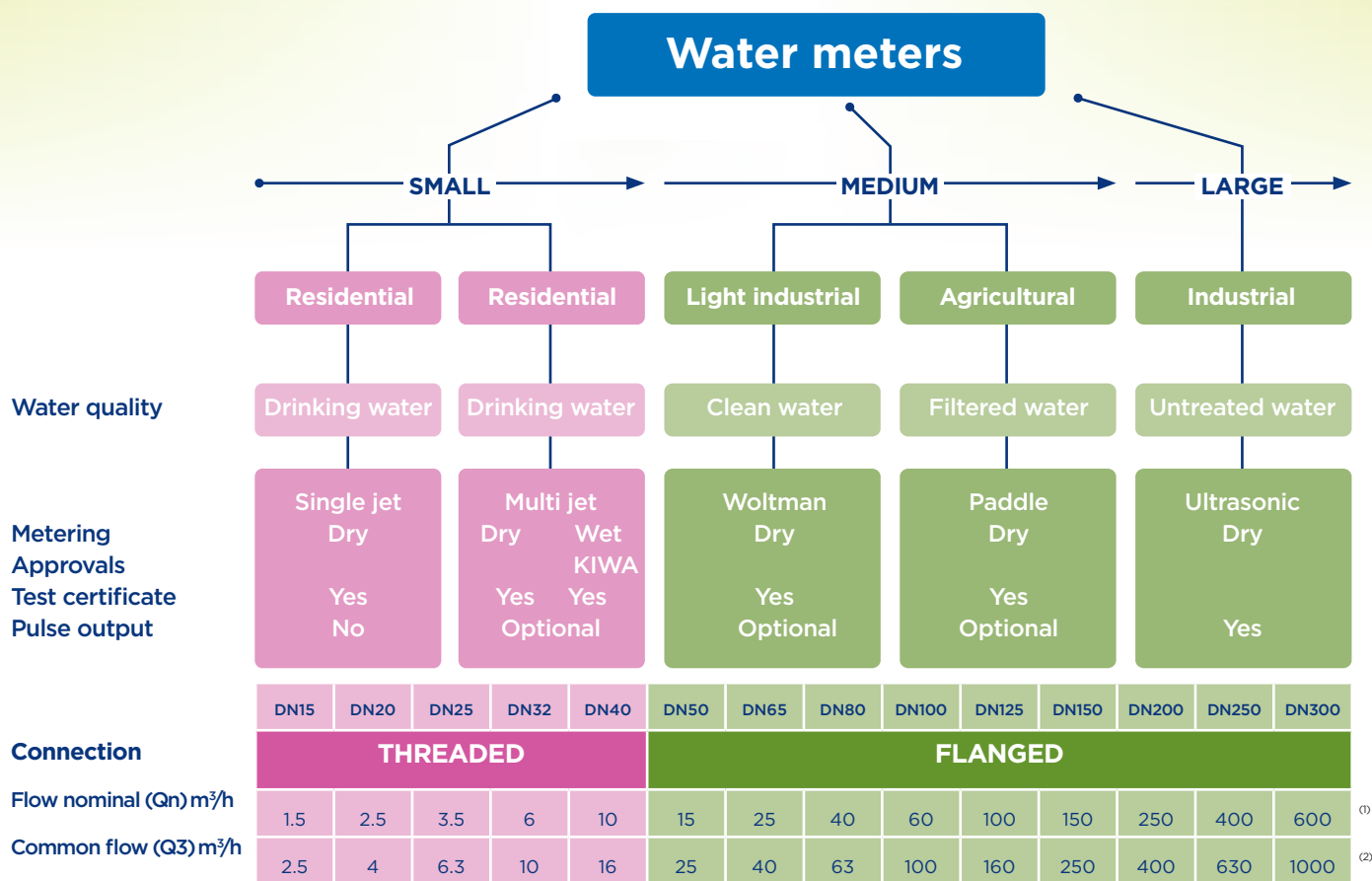
VALVES, MEASUREMENT AND EQUIPMENT

CONTROLLERS AND PUMPS

PIPING SYSTEMS

# Measuring & control

## Choose the right water meter

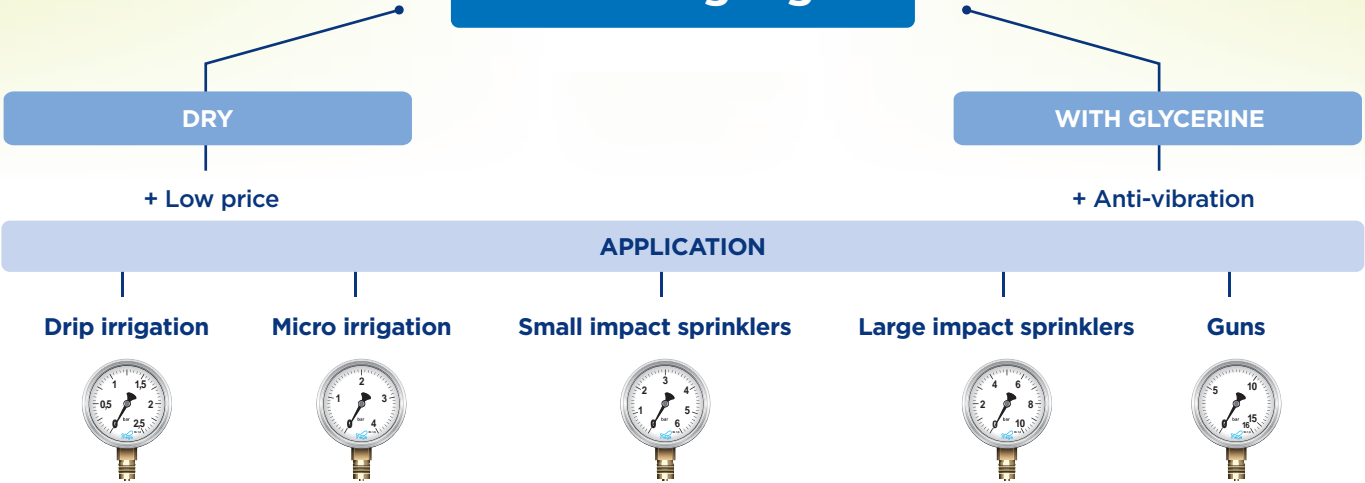


<sup>(1)</sup> ISO 4064 1993, <sup>(2)</sup> ISO 4064 2005



# Choose the right pressure gauge

## Pressure gauges



*"We have pressure gauges with different scales, choose the one which fits your application best."*



# VALVES, MEASUREMENT AND EQUIPMENT

## Measurement, Regulation and Filtration



### Flow meter with stopcock

This flow and pressure meter is the ideal tool that every gardener needs before designing their garden.



Connection: male thread x quick coupler

Material : brass

Max. temp. : 120 °C

PART NO.	SIZE	PRESSURE	CAPACITY	MOQ
7024769	1"	10 bar	5-42 l/min	1



### Water meter dry, type TL multi jet horizontal with pulse option

Multi-jet water meters are provided with installed pulse output option rotor. Pulse output option as given in specs.

The pulse output option rotor can activate pulse reader.

Pulse output option rotor can be changed with one of the other rotors on the counter.

Connection: male thread

Material : brass

Max. temp. : 55 °C

PART NO.	SIZE	DN	PULSE OPTION	CAPACITY QN	CAPACITY QMAX	MOQ
0892315	3/4"	1/2"	10 ltr	1.5 m <sup>3</sup> /h	3 m <sup>3</sup> /h	1
0892316	1"	3/4"	10 ltr	2.5 m <sup>3</sup> /h	5 m <sup>3</sup> /h	1
0892317	1 1/4"	1"	10 ltr	3.5 m <sup>3</sup> /h	7 m <sup>3</sup> /h	1
0892309	1 1/2"	1 1/4"	10 ltr	6 m <sup>3</sup> /h	12 m <sup>3</sup> /h	1
0892310	2"	1 1/2"	100 ltr	10 m <sup>3</sup> /h	20 m <sup>3</sup> /h	1
0892311	2 1/2"	2"	100 ltr	15 m <sup>3</sup> /h	30 m <sup>3</sup> /h	1



### Water meter dry, type Nylon multi jet horizontal with pulse option

This water meter meets the standards ISO 4064-2005 and EN 14154. The nylon water meter is supplied with plastic couplings. The nylon housing improves chemical resistance and increases the price/quality ratio.

Connection: male thread

Material : nylon

Max. temp. : 55 °C

PART NO.	SIZE	DN	PULSE OPTION	CAPACITY QN	CAPACITY QMAX	MOQ
7025224	3/4"	1/2"	10 ltr	1.5 m <sup>3</sup> /h	3 m <sup>3</sup> /h	1
7025225	1"	3/4"	10 ltr	2.5 m <sup>3</sup> /h	5 m <sup>3</sup> /h	1
7025226	1 1/4"	1"	10 ltr	3.5 m <sup>3</sup> /h	7 m <sup>3</sup> /h	1
7025227	1 1/2"	1 1/4"	10 ltr	6 m <sup>3</sup> /h	12 m <sup>3</sup> /h	1
7025228	2"	1 1/2"	10 ltr	10 m <sup>3</sup> /h	20 m <sup>3</sup> /h	1
7025229	2 1/2"	2"	100 ltr	15 m <sup>3</sup> /h	30 m <sup>3</sup> /h	1

### Pulse reader for multi-jet water meter

Output signal: Parallel reed contact (3 wire)

Pulse reader is attached to the sight glass of the Mega Multijet water meter and transmits data of the connected rotor to your PC



PART NO.	TYPE	MOQ
7019373	with cable 1.5m	1

### Water meter dry

Specifically for natural source irrigation installations.

The paddle wheel impeller helps to avoid damage to the meter by stones or other materials which might be sucked in.

Dry display.

Connection: DIN flange

Material : cast iron



PART NO.	SIZE	DN	CAPACITY QN	CAPACITY QMAX	MOQ
7021129	DN50	2"	15 m <sup>3</sup> /h	30 m <sup>3</sup> /h	1
0892381	DN65	2 1/2"	50 m <sup>3</sup> /h	100 m <sup>3</sup> /h	1
0892382	DN80	3"	90 m <sup>3</sup> /h	150 m <sup>3</sup> /h	1
0892383	DN100	4"	125 m <sup>3</sup> /h	250 m <sup>3</sup> /h	1
7021130	DN125	5"	100 m <sup>3</sup> /h	350 m <sup>3</sup> /h	1
7021131	DN150	6"	250 m <sup>3</sup> /h	500 m <sup>3</sup> /h	1

### Mega Ultrasonic water meter

Ultrasonic measurement without moving parts, guaranteeing a long-life operation without wear and tear. Ultrasonic measurements allow this water meter to be installed in any position.

Highly accurate at low flow rates. For liquids from 4 – 60°C

2 way measurement

Connection: DIN flange

Material : cast iron



PART NO.	SIZE	DN	CAPACITY QN	CAPACITY QMAX	MOQ
7021146	DN50	2"	25 m <sup>3</sup> /h	31.25 m <sup>3</sup> /h	1
7021147	DN65	2 1/2"	40 m <sup>3</sup> /h	50 m <sup>3</sup> /h	1
7021148	DN80	3"	63 m <sup>3</sup> /h	78.75 m <sup>3</sup> /h	1
7021149	DN100	4"	100 m <sup>3</sup> /h	125 m <sup>3</sup> /h	1
7021150	DN125	5"	160 m <sup>3</sup> /h	200 m <sup>3</sup> /h	1
7021151	DN150	6"	250 m <sup>3</sup> /h	312.5 m <sup>3</sup> /h	1

# VALVES, MEASUREMENT AND EQUIPMENT

## Measurement, Regulation and Filtration



### Electronic flow meter for water, type GPI W

With day count.

Connection: female thread

Material : nylon

PART NO.	SIZE	CAPACITY	PRESSURE	MOQ
0940057	1"	10 - 100 l/min	20 bar	1



RAIN BIRD

### Rain Bird Pressure regulator

The Rain Bird pressure regulators, type PSI-M are made to provide a constant flow rate on the outlet side.

The PSI-M is ideal for micro irrigation applications.

The PSI-M models come with a present outlet pressure: M15 (1.0b), M20 (1.4b), M25 (1.8b), M30 (2.1b), M40 (2.8b) and M50 (3.5b).

Size : 3/4"

Connection: female thread

Material : plastic

PART NO.	TYPE	CAPACITY	OUTLET PRESSURE	MOQ
7021510	PSI-M15	0.45 - 5 m <sup>3</sup> /h	1,0 bar	20
7021511	PSI-M20	0.45 - 5 m <sup>3</sup> /h	1,4 bar	1
7021512	PSI-M25	0.45 - 5 m <sup>3</sup> /h	1,75 bar	1
7021513	PSI-M30	0.45 - 5 m <sup>3</sup> /h	2,1 bar	1
7021514	PSI-M40	0.45 - 5 m <sup>3</sup> /h	2,8 bar	1
7021515	PSI-M50	0.45 - 5 m <sup>3</sup> /h	3,5 bar	1



### Bermad Pressure reducing valve

For use in applications where pressure must be reduced.

Connection: female thread

Material : plastic

Max. temp. : 50 °C

PART NO.	SIZE	PRESSURE	OUTLET PRESSURE	MOQ
0410855	3/4"	9 bar	0,8-2,5 bar	1
0410857	1"	9 bar	1-2 bar	1

### Rain Bird Pressure regulating filter

Connection : male thread  
 Filtration : 75 micron  
 Material filter element: stainless steel gauze

Flow l/hr	PRF-075-RBY bar	PRF-100-RBY bar
45	0,21	N/A
227	0,28	N/A
681	0,42	0,06
1136	0,69	0,14
1817	N/A	0,26
2271	N/A	0,36
3407	N/A	0,83



**RAIN BIRD**

PART NO.	TYPE	SIZE	CAPACITY m <sup>3</sup> /h	OUTLET PRESSURE	MOQ
7021516	PRF-075-RBY	3/4"	1.2	2.0 bar	1
7021517	PRF-100-RBY	1"	3.4	2.8 bar	1

### Rain Bird Screen insert, type RBY-200MX

Filtration : 75 micron  
 Material filter element: stainless steel gauze

PART NO.	TYPE	SIZE	MOQ
7021518	RBY-200MX	3/4"-1"	1



**RAIN BIRD**

### Rain Bird Pressure regulating filter

Connection : male thread  
 Filtration : 75 micron  
 Material filter element: stainless steel gauze

PART NO.	TYPE	SIZE	CAPACITY m <sup>3</sup> /h	OUTLET PRESSURE	MOQ
7021519	IPRB100 basket filter	1"	4.5	2.8 bar	1



**RAIN BIRD**

### Rain Bird Screen insert, type QKCHK-200M

Filtration : 75 micron  
 Material filter element: stainless steel gauze

PART NO.	TYPE	SIZE	MOQ
7021520	QKCHK-200M basket filter	1"	6



**RAIN BIRD**

### Rain Bird Pressure regulator

The PRS-Dial is an excellent means of regulating outlet pressure at the valve regardless of incoming pressure fluctuations.

The visible scale makes adjustment quick and easy.

The regulator fits all Rain Bird PGA, PEB, PESB, PESB-R, EFB-CP, and BPES series valves.

Connection: male thread  
 Material : glass-filled nylon

PART NO.	TYPE	SIZE	ADJ. PRESSURE	MOQ
7021700	PRSDial	1"	1.04-6.90 bar	1



**RAIN BIRD**



# VALVES, MEASUREMENT AND EQUIPMENT

## Measurement, Regulation and Filtration



**RAIN BIRD**

### Rain Bird In-line filter, type ILCRBY

Extra connection at the bottom with a threaded cap which can be drilled for draining or depressurization.

Connection: female thread

Material : PP

Pressure : 8 bar

Filtration : 130 micron

PART NO.	TYPE	SIZE	MATERIAL FILTER ELEMENT	CAPACITY m <sup>3</sup> /h	MOQ
7019387	ILCRBY075S	3/4"	stainless steel gauze	4	1
7019388	ILCRBY075D	3/4"	disc	4	1
7019389	ILCRBY100S	1"	stainless steel gauze	6	1
7019390	ILCRBY100D	1"	disc	6	1



**RAIN BIRD**

### Rain Bird In-line filter, type ILCRBY

Extra connection at the bottom with a threaded cap which can be drilled for draining or depressurization.

Connection: male thread

Material : PP

Pressure : 8 bar

Filtration : 130 micron

PART NO.	TYPE	SIZE	MATERIAL FILTER ELEMENT	CAPACITY m <sup>3</sup> /h	MOQ
7021521	ILCRBY150S	1 1/2"	stainless steel gauze	20	1
7021522	ILCRBY150D	1 1/2"	disc	20	1
7021523	ILCRBY200S	2"	stainless steel gauze	25	1
7021524	ILCRBY200D	2"	disc	25	1



**irritec**  
don't wait for rain®

### Irritec In-line filter

All filters have a 3/4" male thread with a cap.

Connection : male thread

Material : PP

Pressure : 8 bar

Material filter element: stainless steel gauze

PART NO.	SIZE	CAPACITY m <sup>3</sup> /h	FILTRATION micron	MOQ
0880640	3/4"	4	130	1
0880641	3/4"	4	100	1
0880642	1"	6	130	1
0880643	1"	6	100	1
0880644	1 1/4"	10	130	1
0880645	1 1/2"	15	130	1
0880646	2"	25	130	1

### Screen insert for Irritec In-line filter

PART NO.	SIZE	FILTRATION micron	MOQ
7020106	3/4"-1"	130	1
7020107	1 1/4"-1 1/2"	300	1
7020108	1 1/4"-1 1/2"	130	1
7020109	2"	300	1
7020110	2"	130	1



**irritec**  
don't wait for rain

### In-line filter, small model

All filters have a 3/4" male thread with a cap.

Connection : male thread

Material : PP

Pressure : 8 bar

Material filter element: stainless steel gauze

PART NO.	SIZE	CAPACITY m <sup>3</sup> /h	FILTRATION micron	MOQ
0121370	3/4"	5	130	1
0121371	1"	5	130	1



### In-line filter

All filters have a 3/4" male thread with a cap.

Connection : male thread

Material : PP

Pressure : 8 bar

Material filter element: stainless steel gauze

PART NO.	SIZE	CAPACITY m <sup>3</sup> /h	FILTRATION micron	MOQ
0880595	3/4"	5	130	1
0880596	1"	5	130	1



# VALVES, MEASUREMENT AND EQUIPMENT

## Solenoid Valves and Cable



RAIN BIRD

### Rain Bird Pressure Regulating RBY Filter

The Rain Bird Control Zone Kits type XCZ are a unique, easy-to-turn patented pressure assisted flow control mechanism (DVF models only).

The control kit includes a valve and a pressure regulating filter.

Connection : female thread x male thread

Pressure : 8 bar

Material filter element: glass filled nylon

PART NO.	TYPE	SIZE	CAPACITY l/min	MINIMUM INLET PRESSURE bar	MOQ
7021506	XCZ-075 Pressure regulating filter	3/4"	19	14	1
7021507	XCZ-100-Pressure regulating filter	1"	57	15	1
7021508	ICZ-075TBOS-with solenoid valve	3/4"	19	16	1
7021509	IXZ-100TBOS-with solenoid valve	1"	57	17	1



RAIN BIRD

### Rain Bird Solenoid valve, type LFBV-075

The LFBV075 solenoid valve can be used with a 9 volt DC valve for applications where no main power is available.

It is compatible with Rainbird's pressure regulator filters.

The LFBV075 is only available in a Female/Female thread connection and is mostly used for landscaping drip applications.

The LFBV075 is specifically designed for low flow applications.

Connection : female thread

Operation : indirect servo-operated

Material : fibreglass reinforced nylon

Minimum inlet pressure: 1 bar

Pressure : 10 bar

Flow, l/hr	Flow, l/s	Pressure bars
45,42	0,01	0,19
227	0,06	0,19
454	0,13	0,24
908	0,25	0,26
1362	0,38	0,30
1817	0,50	0,36

PART NO.	SIZE	VOLTAGE	CAPACITY l/min	MOQ
7019385	3/4"	24VAC	30	1
7019386	3/4"	9VDC	30	1



RAIN BIRD

### Rain Bird Solenoid valve, type DV

The Rain Bird solenoid valve type DV is recommended for all residential irrigation tasks except from drip.

The DV solenoid valve is available with a flow control, which means that it regulates flow for a much better irrigation performance.

Operation : indirect solenoid-operated

Material : fibreglass reinforced nylon

Minimum inlet pressure: 1 bar

Pressure : 10 bar

m <sup>3</sup> /h	100-DV 075-DV	100-DVF	100-DV-MM
0,24	0,22	0,23	0,22
0,60	0,26	0,24	0,24
1,20	0,29	0,26	0,26
3,60	0,45	0,32	0,37
4,50	0,53	0,35	0,42
6,00	-	0,41	0,53
9,00	-	0,59	0,87

PART NO.	TYPE	SIZE	CONNECTION	VOLTAGE	CAPACITY l/min	MOQ
7021675	075-DV	3/4"	female thread	24VAC	75	20
7021677	100-DV-MM	1"	male thread	24VAC	150	1
7021678	100-DV-MM	1"	male thread	9VDC	150	1
7021679	100-DVF	1"	female thread	24VAC	150	1



### Rain Bird Solenoid valve, type 100-DV

The DV solenoid valve is recommended for all residential irrigation tasks except from drip. The DV solenoid valve is available with a flow control, which means that it regulates flow for a much better irrigation performance.

- Connection : female thread
- Operation : indirect servo-operated
- Material : fibreglass reinforced nylon
- Minimum inlet pressure: 1 bar
- Pressure : 10 bar

PART NO.	SIZE	VOLTAGE	CAPACITY l/min	MOQ
7019450	1"	24VAC	150	1
7021676	1"	9VAC	150	1

### Rain Bird Solenoid valve, type 100-JTV

The JTV solenoid valve is used for residential and small commercial applications, such as small gardens.

The JTV solenoid valve is very easy to use due to its screwless design.

- Connection : female thread
- Operation : indirect servo-operated
- Material : fibreglass reinforced nylon
- Minimum inlet pressure: 1 bar
- Pressure : 10 bar

Flow, m <sup>3</sup> /h	100-JTV
0,23	0,20
0,6	0,23
1,2	0,27
3,6	0,40
4,5	0,49
6,0	0,60

PART NO.	SIZE	VOLTAGE	CAPACITY l/min	MOQ
7019448	1"	24VAC	150	1
7019449	1"	9VDC	150	1



**RAIN BIRD**



**RAIN BIRD**



# VALVES, MEASUREMENT AND EQUIPMENT

## Solenoid Valves and Cable



RAIN BIRD



### Rain Bird Solenoid valve, type 100-HV

The Rain Bird solenoid valve type HV is used in all residential places and especially suitable for smaller installations.

External bleed to manually flush system of dirt.

Internal bleed for manual operation.

- Connection : female thread
- Operation : indirect solenoid-operated with flow control handle
- Material : fibreglass reinforced nylon
- Minimum inlet pressure : 1 bar
- Pressure : 10 bar

PART NO.	SIZE	VOLTAGE	CAPACITY l/min	MOQ
7021673	1"	24VAC	125	1



RAIN BIRD



### Rain Bird Solenoid valve, type 100-HV-MM

The Rain Bird solenoid valve type HV is used in all residential places and especially suitable for smaller installations.

External bleed to manually flush system of dirt.

Internal bleed for manual operation.

- Connection : male thread
- Operation : indirect solenoid-operated with flow control handle
- Material : glass-filled polypropylene
- Minimum inlet pressure : 1 bar
- Pressure : 10 bar

PART NO.	SIZE	VOLTAGE	CAPACITY l/min	MOQ
7021674	1"	24VAC	113	1



RAIN BIRD



### Rain Bird Solenoid valve, type 100-HVF

The 100 HV series valve is only compatible with 24 VAC solenoid, as the source of electricity needs to be constant and reliable.

The compact design allows it to be installed tightly in valve boxes where there is not a lot of space for installation. In such cases, the maintenance of the 100 HV series has been simplified by designing it only with 4 screws.

- Connection : female thread
- Operation : indirect servo-operated
- Material : glass-filled polypropylene fibreglass reinforced nylon
- Minimum inlet pressure : 1 bar
- Pressure : 10 bar

m <sup>3</sup> /h	1" HV (bar)
0,25	0,11
0,75	0,14
1,00	0,16
2,00	0,23
5,00	0,32
7,50	0,42

PART NO.	SIZE	VOLTAGE	CAPACITY l/min	MOQ
7008134	1"	24VAC	150	1

### Rain Bird Solenoid valve, type PGA

The PGA solenoid valve is mostly used for hotels, sports fields and golf applications.

The PGA solenoid valve has a much higher flow rate capability, meaning that it is suitable for large landscaping designs and solutions.

The PGA solenoid valve has a high installation flexibility due to its globe and angled design, meaning that the water flow can come from the side and from the bottom.

The PGA solenoid valve is compatible with Rain Birds decoder based irrigation systems, in addition it is also available with the Rainbirds PRS dial system.

The PRS system helps to control the output pressure at the solenoid valve.

The PGA solenoid valve is slow closing in order to reduce water hammer.

Connection : female thread  
 Operation : indirect servo-operated  
 Material : fibreglass reinforced nylon  
 Minimum inlet pressure: 1 bar  
 Pressure : 10 bar

PART NO.	SIZE	VOLTAGE	CAPACITY l/min	MOQ
7021681	1"	9VDC	150	1
7021680	1"	24VAC	150	1
7019452	1 1/2"	9VDC	350	1
7019451	1 1/2"	24VAC	350	1
7021682	2"	9VDC	560	1
7019453	2"	24VAC	560	1

### Rain Bird Solenoid valve, type PEB

The PEB solenoid valve is a high quality valve that is used for commercial applications such as football fields, golf applications and hotels.

The body of the PEB solenoid valve contains glass reinforced nylon meaning that the body is very strong.

It's diafram can also hold low flow applications.

Connection : female thread  
 Operation : indirect solenoid-operated  
                   with flow control handle  
 Material : fibreglass reinforced nylon  
 Minimum inlet pressure: 1.4 bar  
 Pressure : 13.8 bar

m <sup>3</sup> /h	100-PEB 100-PESB	150-PEB 150-PESB	200-PEB 200-PESB
0,06	0,06	-	-
0,3	0,09	-	-
0,6	0,1	-	-
1,2	0,12	-	-
3	0,15	-	-
6	0,32	0,26	-
9	0,68	0,24	-
12	-	0,26	-
15	-	0,33	-
18	-	0,42	0,32
21	-	0,57	0,34
24	-	0,74	0,41
27	-	0,92	0,51
30	-	1,14	0,64
33	-	1,38	0,77
36	-	-	0,90
39	-	-	1,04
42	-	-	1,18
45	-	-	1,34

PART NO.	SIZE	VOLTAGE	CAPACITY l/min	MOQ
7021683	1"	24VAC	150	1
7021684	1 1/2"	24VAC	550	1
7021685	2"	24VAC	750	1



RAIN BIRD



RAIN BIRD

# VALVES, MEASUREMENT AND EQUIPMENT

## Solenoid Valves and Cable



RAIN BIRD

### Rain Bird Solenoid valve, type PESB

The PESB solenoid valve is tough and reliable for all applications, even dirty water applications used for ponds rivers and wells.

The PESB solenoid valve is compatible with the Rain Bird irrigation decoders, and with the PRS pressure regulator.

The PESB solenoid valve contains a scrubber, which filters dirty water very efficiently.

Connection : female thread  
 Operation : indirect solenoid-operated with flow control handle  
 Material : fibreglass reinforced nylon  
 Minimum inlet pressure : 1.4 bar  
 Pressure : 13.8 bar

PART NO.	SIZE	VOLTAGE	CAPACITY l/min	MOQ
7021686	1"	24VAC	150	1
7021687	1 1/2"	24VAC	550	1
7021688	2"	24VAC	750	1



RAIN BIRD

### Rain Bird Solenoid globe valve, type BER310023

The Rain Bird 100 series solenoid globe valve is a 3" Bermad made valve with flanges that is suitable for high flow applications, such as hockey pitches, dust suppression and horse arenas.

Connection : female thread  
 Operation : indirect solenoid-operated with flow control handle  
 Material : glass-filled nylon  
 Minimum inlet pressure : 0.7 bar  
 Pressure : 10 bar

PART NO.	SIZE	VOLTAGE	CAPACITY l/min	MOQ
7021690	3"	24VAC	1333	1



RAIN BIRD

### Rain Bird Solenoid globe valve, type 300BPES

The BPES solenoid globe valve brass/plastic is a 3" valve suitable for high flow applications, such as hockey pitches, dust suppression and horse arenas.

The BPES solenoid valve has a high installation flexibility due to its globe and angled design, meaning that water can come from the side and from the bottom.

Furthermore, it has a slow closing that reduces the water hammer effect that could be caused by the high flow rates.

The BPES solenoid globe valve is very efficient due to its low pressure loss.

Connection : female thread  
 Operation : indirect solenoid-operated with flow control handle

Material : brass/plastic

Minimum inlet pressure : 0.7 bar

Pressure : 1.4 bar

m <sup>3</sup> /h	Globe	Angle
13,6	0,46	0,47
24	0,19	0,21
36	0,14	0,14
48	0,21	0,19
60	0,29	0,26
68	0,34	0,31

PART NO.	SIZE	VOLTAGE	CAPACITY l/min	MOQ
7021689	3"	24VAC	1100	1

### Rain Solenoid valve, type RN

The plastic electric valve is for hobby or professional use.

Resistant to fertilisers.

Technical Specification:

Coil 2.5 Watt.

Temperature-resistant from 4° to 70°C.

All types with flow control and manual operation.

Connection: female thread

Operation : indirect servo-operated

Minimum inlet pressure : 1 bar

Material : fibre-reinforced plastic

Pressure : 10 bar



PART NO.	TYPE	SIZE	VOLTAGE	CAPACITY l/min	MOQ
0862900	RN150	1/2"	24VAC	70	1
0862901	RN150	3/4"	24VAC	110	1
0862902	RN150	1"	24VAC	125	1
0862903	RN160	1"	24VAC	210	1
0862904	RN160	1 1/4"	24VAC	240	1
0862905	RN160	1 1/2"	24VAC	280	1
0862906	RN180	2"	24VAC	700	1
0862908	RN180	3"	24VAC	1200	1
0862920	RN150	1/2"	24VDC	70	1
0862921	RN150	3/4"	24VDC	110	1
0862922	RN150	1"	24VDC	125	1
0862923	RN160	1"	24VDC	210	1
0862924	RN160	1 1/4"	24VDC	240	1
0862925	RN160	1 1/2"	24VDC	280	1
0862926	RN180	2"	24VDC	700	1
0862928	RN180	3"	24VDC	1200	1

### Rain Solenoid valve, type RN155 plus

The electric valve RN155 Plus is specially developed to meet the demand of an electric valve in low pressure applications. The 1-piece, moulded coil design made it possible to meet the high IP68 insulation standards.

Differential pressure for opening and closing: at least 0.3 bar.

With flow control and manual operation.

Connection: male thread

Operation : indirect servo-operated

Minimum inlet pressure : 1 bar

Material : fibreglass reinforced nylon

Pressure : 12 bar



PART NO.	SIZE	VOLTAGE	CAPACITY l/min	MOQ
0862935	3/4"	24VAC	110	1
0862936	1"	24VAC	150	1

### Rain Coil

PART NO.	SUITABLE FOR	VOLTAGE	MOQ
0862937	type RN150-160-180	24VAC	1





# VALVES, MEASUREMENT AND EQUIPMENT

## Solenoid Valves and Cable



RAIN BIRD

### Rain Bird Electrical cable, type Multi conduct 0,8mm<sup>2</sup> PE

Ideal for carrying power supply from controllers to decoders or valve in head rotors. 3,5,7,9 and 13 conductors.

Suitable for: connecting controller to electric valves

Voltage : <30V

PART NO.	TYPE	TYPE	LENGTH	MOQ
7021726	3 x 0,8mm <sup>2</sup> PE	3 color coded conductors	75 m	75
7021727	3 x 0,8mm <sup>2</sup> PE	3 color coded conductors	150 m	150
7021728	5 x 0,8mm <sup>2</sup> PE	5 color coded conductors	75 m	75
7021729	5 x 0,8mm <sup>2</sup> PE	5 color coded conductors	150 m	150
7021730	7 x 0,8mm <sup>2</sup> PE	7 color coded conductors	75 m	75
7021731	7 x 0,8mm <sup>2</sup> PE	7 color coded conductors	150 m	150
7021732	9 x 0,8mm <sup>2</sup> PE	9 color coded conductors	75 m	75
7021733	13 x 0,8mm <sup>2</sup> PE	13 color coded conductors	75 m	75



RAIN BIRD

### Rain Bird Electrical cable, type 1.5mm<sup>2</sup> PE

The Rain Birds Single conduct cable is used in landscaping plots where controllers or decoders need to be installed.

Ideal for carrying power supply from controllers to decoders or valve in head rotors.

Suitable for: connecting controller to decoders

Voltage : <30V

PART NO.	TYPE	LENGTH	MOQ
7021734	1 x 1.5mm <sup>2</sup> PE	500 m	1
7021735	1 x 1.5mm <sup>2</sup> PE/PVC	500 m	1



RAIN BIRD

### Rain Bird Multi-conductor cable, type 2 wires 2.5mm<sup>2</sup>

The Rain Birds Multi conduct cable type 2 wires is used in landscaping plots where controllers or decoders need to be installed.

Ideal for carrying power supply from controllers to decoders or valve in head rotors. 3,5,7,9 and 13 conductors.

Suitable for: connecting controller to decoders

PART NO.	TYPE	LENGTH	OUTER Ø	MOQ
7021736	2 x 2,5 mm <sup>2</sup>	500 m	11 mm	1

### Rain Bird Wire connector

The Rain bird wire connectors are used in every application to prevent moisture to reach the electrical cables and safely connect them.

The Rain Bird wire connectors come in different types.

The Dbry20 serie is installed fast and makes that there is less after service necessary because of waterproof material.

King is for 2 wires of 2,5mm<sup>2</sup> or 3 wires 1,5mm<sup>2</sup>.

PART NO.	TYPE	COLOUR	MOQ
7021723	KING, waterproof	white/black	1
7021725	DBRY20 direct bury waterproof	green	1
7024219	DBM10 self-stripping	green	1



**RAIN BIRD.**

### Rain Bird Wire stripper

PART NO.		MOQ
7021703	Rain Bird Wire stripper	1



**RAIN BIRD.**

# VALVES, MEASUREMENT AND EQUIPMENT

## Manifolds and Valve Boxes



### Riser valve

The valve is a spring loaded ball. By inserting the plug, the valve opens.

Connection: male thread  
Material : PP



PART NO.	SIZE	MOQ
0111670	3/4"	1
0111671	1"	1



### Rain Bird Riser valve, type P-33

Rain Bird Riser valve key, type P-33 is a great accessory for your garden irrigation, it is used to easily access water from an underground piping system.

Connection: male thread  
Material : PP



**RAIN BIRD**

PART NO.	SIZE	MOQ
7021691	3/4"	1



### Rain Bird Swivel hose elbow, type P-33

The Rain Bird Swivel hose elbow P-33 plastic is a quick coupling valve which permits easy access to water from an underground piping system.

Connection: male thread x female threaded nut

Material : PP

**RAIN BIRD**

PART NO.	SIZE	MOQ
7021693	3/4"	1



### Riser valve key

Connection: male thread  
Material : PP

PART NO.	SIZE	MOQ
0111675	3/4"	1



### Rain Bird Riser valve key, type P-33DK

The Rain Bird Riser valve key, type P-33DKK in combination with the PSH-O Swivel hose Ell the hose can be turned a complete 360 degrees without kinking and covers the snaps on the valve body to keep it out of debris.

Connection: male thread  
Material : PP

**RAIN BIRD**

PART NO.	SIZE	MOQ
7021692	3/4"	1



### Rain Bird Riser valve key, type 33DK

The Rain Bird Riser valve key, type 33DK is a Quick-Coupling valve and ideal to provide underground water supply outlets.

Connection: female thread  
Material : brass

**RAIN BIRD**

PART NO.	SIZE	MOQ
7021694	3/4"	1



**Rain Bird Swivel hose elbow, type SHO**

The Rain Bird Swivel hose elbow, type SHO is used to attach the hose the quick-coupling valve key and facilitate your irrigation. The hose elbow prevents the damage of the hose and allows the hose to be pulled in any direction.

Connection: male thread x female threaded nut

Material : brass *RAIN BIRD*

PART NO.	SIZE	MOQ
7021695	3/4"	1



**Rain Bird Cover key, type 2049**

The Rain Bird cover key 2049 is used by professionals for several irrigation projects. It is used to unlock and lock the quick optional locking cover on quick-coupling valves.

It is compatible with models 33DLRC, 33DNP, 44LRC, 44NP and 5LRC.

*RAIN BIRD*

PART NO.	MOQ
7021697	1



**Rain Bird Riser valve, type 5LRC**

The Rain Bird Riser valve, type 5LRC is a Quick-Coupling valve and allows for convenient water access in potable and non-potable systems.

The brass constructed riser valve with a durable thermoplastic cover and stainless steel inner valve prevents leakage to a good extent.

Connection: female thread

Material : brass *RAIN BIRD*

PART NO.	SIZE	MOQ
7021696	1"	1



**Rain Bird Riser valve key, type 55K1**

Connection: male thread

Material : brass *RAIN BIRD*

PART NO.	SIZE	MOQ
7021698	1"	1



**Rain Bird Swivel hose elbow, type SH2**

The Rain Bird Swivel hose elbow, type SH2 brass constructed elbow with an o-ring seal is used in conjunction with the 33DK/55-1 keys.

Connection: male thread x female threaded nut

Material : brass *RAIN BIRD*

PART NO.	SIZE	MOQ
7021699	1"	1

# VALVES, MEASUREMENT AND EQUIPMENT

## Manifolds and Valve Boxes



RAIN BIRD

### Rain Bird Valve box, type VBA-17186

Material : PP

Colour : black/green



PART NO.	WIDTH	HEIGHT	LENGTH	COVER	MOQ
7021737	180 mm	120 mm	180 mm	21 cm	1



### Valve box with ball valve

Connection: female thread

Material : PP



PART NO.	SIZE	MOQ
7006617	3/4"	1



RAIN BIRD

### Rain Bird Valve box, type VBA-02672

Material : PP

Colour : black/green



PART NO.	WIDTH	HEIGHT	LENGTH	COVER	MOQ
7021738	200 mm	236 mm	200 mm	16 cm	1



### Valve box

Material : PP

Colour : black/green



PART NO.	TYPE	WIDTH	HEIGHT	LENGTH	COVER	MOQ
0230038	Economy	220 mm	230 mm	220 mm	16,5 cm	1
0230039	Circular	300 mm	250 mm	330 mm	23 cm	1



RAIN BIRD

### Rain Bird Valve box, type VBA-02673

Material : PP

Colour : black/green



PART NO.	WIDTH	HEIGHT	LENGTH	COVER	MOQ
7021739	335 mm	255 mm	335 mm	24.2 cm	1



RAIN BIRD

### Rain Bird Valve box, type VBA

Material : PP

Colour : black/green



PART NO.	TYPE	WIDTH	HEIGHT	LENGTH	COVER	MOQ
7021740	VBA-02674	370 mm	305 mm	505 mm	38,6 x 26,7 cm	1
7021741	VBA-02675	480 mm	305 mm	630 mm	54,5 x 38,0 cm	1

### Valve box

Material : PP

Colour : black/green



PART NO.	TYPE	WIDTH	HEIGHT	LENGTH	COVER	MOQ
0230040	Standard	330 mm	300 mm	465 mm	39 x 26 cm	1
0230041	Jumbo	450 mm	300 mm	600 mm	51 x 36 cm	1

### Rain Bird Valve box extension, type VBA

Material : PP

Colour : black

PART NO.	TYPE	WIDTH	HEIGHT	LENGTH	COVER	MOQ
7021742	VBA-02676	266 mm	180 mm	394 mm	38,2 x 25,5 cm	1
7021743	VBA-07777	380 mm	190 mm	550 mm	38,0 x 55,0 cm	1



RAIN BIRD

### Rain Bird Valve box cover, type VBA

Material : PP

Colour : green

PART NO.	TYPE	WIDTH	LENGTH	MOQ
7021744	VBA-02674C	386 mm	267 mm	1
7021745	VBA-02675C	545 mm	380 mm	1



RAIN BIRD

### Rain Bird Valve box, type VB-7RND

Colour: black/green



PART NO.	WIDTH	HEIGHT	LENGTH	COVER	MOQ
7021746	250 mm	229 mm	250 mm	18,6 x 18,6 cm	1



RAIN BIRD

### Rain Bird Valve box, type VB-10RNDH

Colour: black/green



PART NO.	WIDTH	HEIGHT	LENGTH	COVER	MOQ
7021747	350 mm	254 mm	350 mm	27,2 x 27,2 cm	1



RAIN BIRD

### Rain Bird Valve box, type VB-STDH

Colour: black/green



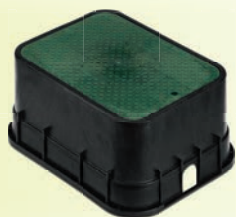
PART NO.	WIDTH	HEIGHT	LENGTH	COVER	MOQ
7021748	490 mm	307 mm	590 mm	33,1 x 44,4 cm	1



RAIN BIRD

# VALVES, MEASUREMENT AND EQUIPMENT

## Manifolds and Valve Boxes



**RAIN BIRD**

**Rain Bird Valve box, type VB-JMBH**

Colour: black/green



PART NO.	WIDTH	HEIGHT	LENGTH	COVER	MOQ
7021749	533 mm	307 mm	701 mm	40,2 x 56,7 cm	1



**Valve box, type Plus**

Colour: black/green



PART NO.	TYPE	WIDTH	HEIGHT	LENGTH	COVER	MOQ
0230015	Standard Plus	352 mm	300 mm	480 mm	39 x 26 cm	1
0230016	Jumbo Plus	433 mm	295 mm	600 mm	54 x 37 cm	1



**Extension ring**

Colour: black

PART NO.	TYPE	WIDTH	HEIGHT	LENGTH	MOQ
0230017	Standard Plus	255 mm	159 mm	382 mm	1
0230018	Jumbo Plus	380 mm	160 mm	500 mm	1



**RAIN BIRD**

**Rain Bird Valve box, type VB-SPRH**

Colour: green



PART NO.	WIDTH	HEIGHT	LENGTH	COVER	MOQ
7021750	606 mm	457 mm	841 mm	45,2 x 69,1 cm	1



**RAIN BIRD**

**Rain Bird Valve box, type VB-MAXH**

Colour: green



PART NO.	WIDTH	HEIGHT	LENGTH	COVER	MOQ
7021751	689 mm	457 mm	1025 mm	53,5 x 87,4 cm	1



**RAIN BIRD**

**Rain Bird Valve box extension, type VB**

Colour: black

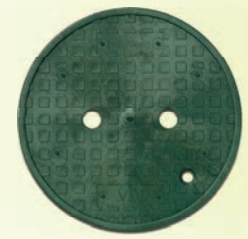


PART NO.	TYPE	WIDTH	HEIGHT	LENGTH	COVER	MOQ
7021752	VB-STD6EXTB	375 mm	171 mm	508 mm	30,8 x 44,3 cm	1
7021753	VB-JMB6EXTB	455 mm	171 mm	621 mm	39,1 x 56,2 cm	1

## Rain Bird Valve box cover, type VB

Colour: green

PART NO.	TYPE	COVER	MOQ
7021754	VB-10RNDL	27,0 x 27,0 cm	1
7021755	VB-STDL	49,0 x 59,0 cm	1
7021756	VB-JMBL	53,3 x 70,1 cm	1



**RAIN BIRD**



### Rain Bird Manifold, type MTT-100

Connection: male thread x  
male thread x  
female thread

Material : plastic  
Pressure : 10 bar **RAIN BIRD**

PART NO.	SIZE	MOQ
7021701	1"	1



### Rain Bird Manifold, type RB1201

Connection: female thread x  
female threaded  
nut x male thread

Material : PVC  
Pressure : 10 bar **RAIN BIRD**

PART NO.	TYPE	SIZE	NUMBER OF EXHAUSTS	MOQ
7021704	RB1201-010	1"	1	1
7021705	RB1201-210	1"	2	1
7021706	RB1201-310	1"	3	1
7021707	RB1201-410	1"	4	1



### Rain Bird Union coupler, type RB1234-010

Connection: female thread x  
female threaded  
nut

Material : PVC  
Pressure : 10 bar **RAIN BIRD**

PART NO.	SIZE	MOQ
7021710	1"	1



### Rain Bird Union coupler

Material : PVC  
Pressure : 10 bar

**RAIN BIRD**

PART NO.	SIZE		MOQ
7021708	1"	male thread x female threaded nut x male thread	1
7021709	1"	female thread x female threaded nut x male thread	1



### Rain Bird Manifold, type RB1203-010

Connection: female thread x  
female threaded  
nut

Material : PVC  
Pressure : 10 bar **RAIN BIRD**

PART NO.	SIZE	MOQ
7021711	1"	1



# VALVES, MEASUREMENT AND EQUIPMENT

## Manifolds and Valve Boxes



**Rain Bird Union coupler, type RB1200**

Material : PVC  
Pressure: 10 bar

*RAIN BIRD*

PART NO.	TYPE	SIZE	CONNECTION	MOQ
7021713	RB1239-131	1" x 3/4"	male thread x female thread	1
7021714	RB1282-010	1"	male thread	1
7021715	RB1282-131	1" x 3/4"	male thread	1



**Rain Bird Manifold, type RB1300**

Connection: female threaded nut x male thread

Material : PVC  
Pressure : 10 bar *RAIN BIRD*

PART NO.	TYPE	SIZE	NUMBER OF EXHAUSTS	MOQ
7019454	RB1301-010	1"	1	1
7019455	RB1301-210	1"	2	1
7019456	RB1301-310	1"	3	1
7019457	RB1301-410	1"	4	1
7019458	RB1306-010	1"	1	1



**Rain Bird Manifold, type RB1320-010**

Connection: male thread  
Material : PVC  
Pressure : 10 bar *RAIN BIRD*

PART NO.	SIZE	MOQ
7021718	1"	1



**Rain Bird Cap**

Connection: female thread  
Material : PVC  
Pressure : 10 bar

*RAIN BIRD*

PART NO.	MOQ
7021721	1



**Rain Bird Manifold, type RB1220-010**

Connection: female thread x female threaded nut x male thread

Material : PVC  
Pressure : 10 bar *RAIN BIRD*

PART NO.	SIZE	MOQ
7021712	1"	1



**Rain Bird Union elbow 90°, type RB1312-010**

Connection: male thread x female thread

Material : PVC  
Pressure : 10 bar *RAIN BIRD*

PART NO.	SIZE	MOQ
7021716	1"	1



**Rain Bird Manifold, type RB1303-010**

Connection: male thread  
Material : PVC *RAIN BIRD*

PART NO.	SIZE	MOQ
7021717	1"	1



**Rain Bird Union coupler, type RB1330**

Material : PVC  
Pressure: 10 bar

*RAIN BIRD*

PART NO.	TYPE	SIZE	CONNECTION	MOQ
7021719	RB1330-010	1"	male thread	1
7021720	RB1330-131	1" x 3/4"	female thread	1



### Reducing nipple, reinforced

Connection: male thread x female thread

Material : PVC-U

Pressure : 10 bar

Colour : grey

Type : reinforced



### Reducing nipple

Connection: male thread

Material : PVC-U

Pressure : 10 bar

Colour : grey



PART NO.	SIZE	PACKAGING	
0100377	3/8" x 1/2"	1	50
0100320	3/4" x 1/2"	10	150
0100375	3/4" x 1"	10	80
0100378	1/2" x 3/8"	1	50
0100321	1" x 1/2"	10	110
0100322	1" x 3/4"	10	90
0100323	1 1/4" x 1/2"	1	60
0100324	1 1/4" x 3/4"	1	50
0100325	1 1/4" x 1"	1	50
0100326	1 1/2" x 1/2"	1	50
0100327	1 1/2" x 3/4"	1	50
0100328	1 1/2" x 1"	1	50
0100329	1 1/2" x 1 1/4"	1	35
0100330	2" x 3/4"	1	35
0100331	2" x 1"	1	35
0100332	2" x 1 1/4"	1	35
0100333	2" x 1 1/2"	1	25

PART NO.	SIZE	PACKAGING	
0110547	3/8" x 1/4"	1	100
0101331	1/2" x 3/8"	20	200
0100170	3/4" x 3/8"	20	160
0100171	3/4" x 1/2"	10	180
0100172	1" x 3/8"	1	90
0100173	1" x 1/2"	10	100
0100174	1" x 3/4"	10	100
0100175	1 1/4" x 1/2"	1	100
0100176	1 1/4" x 3/4"	1	60
0100177	1 1/4" x 1"	1	50
0100178	1 1/2" x 3/4"	1	50
0100179	1 1/2" x 1"	1	40
0100180	1 1/2" x 1 1/4"	1	40
0100181	2" x 1"	1	25
0100182	2" x 1 1/4"	1	25
0100183	2" x 1 1/2"	1	25
0100186	2 1/2" x 2"	1	20
0100187	3" x 1 1/2"	1	12
0100188	3" x 2"	1	12
0100189	3" x 2 1/2"	1	9

# VALVES, MEASUREMENT AND EQUIPMENT

## Manifolds and Valve Boxes



### Reducing nipple

Connection: male thread x female thread  
Material : PVC-U  
Pressure : 10 bar  
Colour : grey



### Socket

Connection: female thread  
Material : PVC-U  
Pressure : 10 bar  
Colour : grey



PART NO.	SIZE	PACKAGING	
0101323	3/8" x 1/2"	10	50
0101324	1/2" x 3/8"	10	50
0101325	1/2" x 3/4"	10	120
0100192	3/4" x 3/8"	1	700
0100193	3/4" x 1/2"	10	150
0100194	3/4" x 1"	10	80
0100195	1" x 3/8"	1	500
0100196	1" x 1/2"	10	110
0100197	1" x 3/4"	10	90
0100198	1" x 1 1/4"	1	40
0100199	1 1/4" x 1/2"	1	60
0100200	1 1/4" x 3/4"	1	50
0100201	1 1/4" x 1"	1	50
0100202	1 1/4" x 1 1/2"	1	30
0100203	1 1/2" x 3/4"	1	50
0100204	1 1/2" x 1"	1	50
0100205	1 1/2" x 1 1/4"	1	35
0100206	1 1/2" x 2"	1	20
0100207	2" x 1"	1	35
0100208	2" x 1 1/4"	1	35
0100209	2" x 1 1/2"	1	25
0100210	2" x 2 1/2"	1	100
0100211	2 1/2" x 1 1/4"	1	80
0100212	2 1/2" x 1 1/2"	1	60
0100213	2 1/2" x 2"	1	60
0100214	3" x 1 1/2"	1	30
0100215	3" x 2"	1	40
0100216	3" x 2 1/2"	1	30

PART NO.	SIZE	PACKAGING	
0101321	1/4"	1	100
0110519	3/8"	1	1300
0110520	1/2"	10	160
0110521	3/4"	10	90
0110522	1"	10	50
0110523	1 1/4"	1	40
0110524	1 1/2"	1	30
0110525	2"	1	18



### Nipple

Connection: male thread  
Material : PVC-U  
Pressure : 10 bar  
Colour : grey



PART NO.	SIZE	PACKAGING	
0101322	1/4"	1	100
0110535	3/8"	1	2400
0110536	1/2"	10	250
0110537	3/4"	10	150
0110538	1"	10	80
0110539	1 1/4"	1	50
0110540	1 1/2"	1	40
0110541	2"	1	46
0110542	2 1/2"	1	15
0110543	3"	1	7
0110544	4"	1	4



### End cap

With flat rubber seal

Connection: female thread

Material : PVC-U

Colour : grey

Type : plain



PART NO.	SIZE	PRESSURE	PACKAGING	
0110574	3/8"	10 bar	10	800
0110575	1/2"	10 bar	10	450
0110576	3/4"	10 bar	10	200
0110577	1"	10 bar	10	200
0110578	1 1/4"	10 bar	1	140
0110579	1 1/2"	10 bar	1	60
0110580	2"	10 bar	1	170
0110584	4"	6 bar	1	10



### Rubber seal for end cap

Material: SBR

Colour : black



PART NO.	SIZE	MOQ
0110869	3/8"	5
0110870	1/2"	50
0110871	3/4"	50



### Rubber sealing ring for threaded end cap

Fits in female thread

Material: SBR

Colour : black

PART NO.	SIZE	THICKNESS	MOQ
0110872	1"	2 mm	50
0110874	1 1/4"	3 mm	50
0110875	1 1/2"	3 mm	50
0110876	2"	3 mm	2
0110877	2 1/2"	4 mm	10
0110878	3"	4 mm	10
0110879	4"	5 mm	10

### Mega Ball valve with double union, type Safe 625

With secure ball. Technical specification as type Safe 600.

Connection : female thread

Material : PVC-U

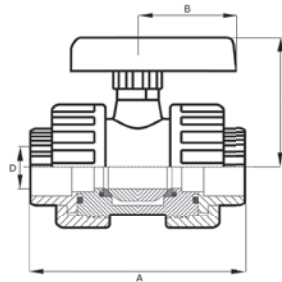
Pressure : 10 bar

Operation : lever

Handle material: PVC-U

Handle colour : red

Seal material : Hytrel/EPDM



PART NO.	SIZE	A mm	B mm	C mm	D mm	PACKAGING	
0112110	1/2"	84	35	46	15	1	40
0112111	3/4"	112	54	71	20	1	40
0112112	1"	126	54	71	25	1	40
0112113	1 1/4"	149	65	93	32	1	16
0112114	1 1/2"	157	65	93	40	1	16
0112115	2"	190	74	107	50	1	10
0112116	2 1/2"	214	100	122	65	1	4
0112117	3"	259	123	148	80	1	3
0112118	4"	275	123	148	80	1	3



ESP-TM2

ACTIVE

RAIN BIRD

Controller Quick Start

Overview

FOR IRRIGATION:

1. SET STATION RUN TIMES

2. SET WATERING RUN DAYS - CUSTOM DAYS

PROGRAM

PROGRAM SELECT button to

PROGRAM SELECT

START TIMES

START TIME

12:00

RUN TIMES

STATION 1

5:10

RUN DAYS - CUSTOM DAYS\*

MON OFF

ODD/EVEN OR CYCLIC RUN DAYS.

SEE PAGE 14 OF USER MANUAL.



# **CONTROLLERS AND PUMPS**

230VAC Controllers

9V Battery Powered Controllers

Pumps and Pressure Sets

Rain Water Harvesting Systems

DRIP AND MICRO

OVERHEAD IRRIGATION

VALVES, MEASUREMENT AND EQUIPMENT

CONTROLLERS AND PUMPS

PIPING SYSTEMS

# CONTROLLERS AND PUMPS

## 230VAC Controllers



RAIN BIRD



### Rain Bird LNK WiFi module

The Rain Bird LNK Wi-fi module should be used with Wi-Fi ready controllers like the ESP-RZX indoor or outdoor versions or the ESP-ME.

This is ideal for users that wish to manage their residential garden irrigation off-site, receiving real time alerts and make use of water management tools for efficient irrigation. The Rain Bird LNK Wi-fi module is compatible with Wi-fi ready controllers such as the ESP-RZX indoor and outdoor and the ESP-ME.

The LNK Wi-fi module can convert together with a conversion kit old models as well as Wi-Fi ready ones so you can make use of the Rain Bird app to control your irrigation off-site. The app also retrieves information from local weather stations in order to provide weather information and forecasts for adequate irrigation planning and more importantly saving water and time.

PART NO.	TYPE	MOQ
7020829	RZX & IESP4MEEUR	1



RAIN BIRD



### Rain Bird Irrigation controller, type RZX Indoor

The Rain Bird Irrigation controller, type RZXi Indoor comes in models with 4 (4i), 6(6i) and 8(8i) stations. Therefore, it is an ideal controller for both small and medium gardens.

The RZXi has to be installed indoors or in an outdoor location under shelter.

The RZXi comes with a 230VAC so it needs a power source to run but it has 2x AAA batteries as power back-up.

The RZXi comes with a wall-mount case but requires 2 mounting screws.

The RZXi is compatible with the LNK WI-FI module in order to allow remote control of the controller via the app.

PART NO.	TYPE	NUMBER OF STATIONS	VOLTAGE	MOQ
7021759	RZXe4i Indoor	4	24VAC	1
7021760	RZXe6i Indoor	6	24VAC	1
7021761	RZXe8i Indoor	8	24VAC	1



RAIN BIRD



### Rain Bird Irrigation controller, type RZX Outdoor

The Rain Bird Irrigation controller, type RZX Outdoor comes in models with 4, 6 and 8 stations. Therefore, it is an ideal controller for both small and medium gardens.

The RZX can be installed in an outdoor location as it comes with an IPX4 water resistant case.

The RZX comes with a 230VAC so it needs a power source to run but it has 2x AAA batteries as power back-up.

The RZX comes with a wall-mount case but requires 2 mounting screws.

The RZX is compatible with the LNK WI-FI module in order to allow remote control of the controller via the app.

PART NO.	TYPE	NUMBER OF STATIONS	VOLTAGE	MOQ
7021762	RZXe4 Outdoor	4	24VAC	1
7021763	RZXe6 Outdoor	6	24VAC	1
7021764	RZXe8 Outdoor	8	24VAC	1

### Rain Bird Irrigation controller, type IESP4MEEUR

The Rain Bird Irrigation controller, type IESP4MEEUR allows 4 individual programs and has 3 additional slots for up to 22 stations. Therefore, it is an ideal controller for both small and medium gardens as well as small turf or sport fields.

The ESP-ME series controller has a starting point of 4 stations and expandable to 22 stations with the 3 or 6 station extension modules.

The ESP-ME series controller comes with a 230VAC so it needs a power source to run but its case is weather proof so it can be installed inside or outside.

The ESP-ME is compatible with the LNK WI-FI module in order to allow remote control of the controller via the app.

PART NO.	TYPE	NUMBER OF STATIONS	VOLTAGE	MOQ
7019459	IESP4MEEUR	4	24VAC	1

### Rain Bird Extension irrigation controller, type ESP-SM

The Rain Bird Extension irrigation controller, type ESP-SM has modules of 3 and 6 stations which should be used with the ESP-ME controllers.

The ESP-ME series extension modules come in a variety of 3 or 6 station models.

These extension modules are only compatible with ESP-ME controller from 2018 onwards and not compatible with older models.

PART NO.	TYPE	NUMBER OF STATIONS	VOLTAGE	MOQ
7019460	ESP-SM3	3	24VAC	1
7019461	ESP-SM6	6	24VAC	1

### Rain Bird Irrigation controller, type XME

PART NO.	TYPE	NUMBER OF STATIONS	VOLTAGE	MOQ
7021765	I8LXMEEU	8	24VAC	1
7021766	I12ESPLXMEFEU	12	24VAC	1



**RAIN BIRD.**



**RAIN BIRD.**



**RAIN BIRD.**





# CONTROLLERS AND PUMPS

## 230VAC Controllers



RAIN BIRD



### Rain Bird Extension module, type ESP LX

PART NO.	TYPE	NUMBER OF STATIONS	VOLTAGE	MOQ
7021767	ESP LX M SM8	8	24VAC	1
7021768	ESP LX M SM12	12	24VAC	1



RAIN BIRD



### Rain Bird Decoder controller, type ESP LXD

The Rain Bird Decoder Controller is used in a wide variety of applications including light-commercial to commercial, industries and irrigation.

The controller offers the ability to expand from 50 stations to 200 stations.

The controller has a built-in management to identify the high and low flow situations, and the modular design makes it ideal for residential and commercial projects.

PART NO.	TYPE	NUMBER OF STATIONS	VOLTAGE	MOQ
7021769	ESP-LXD	50	24VAC	1



RAIN BIRD

### Rain Bird Extension module, type ESP LXD

PART NO.	TYPE	NUMBER OF STATIONS	MOQ
7021770	ESP-LXD	75	1



RAIN BIRD

### Rain Bird Cabinet, type LX MM SS

PART NO.		MOQ
7021771	Rain Bird Cabinet, type LX MM SS	1



DRIP AND MICRO  
OVERHEAD IRRIGATION

### Rain Bird Pedestal, type LX MM SSPED

PART NO.	TYPE	MOQ
7021772	Rain Bird Pedestal, type LX MM SSPED	1



**RAIN BIRD**

VALVES, MEASUREMENT AND EQUIPMENT

### Hunter Irrigation controller, type X-core

This automatic Hunter irrigation controller is an ideal and reliable control unit for private irrigation systems.

Features:

- \* 3 Irrigation programmes each with 4 programmable starting times.
- \* A water savings program makes it possible to easily set watering time to adjust from 0-150%.
- \* Time setting from 1 minute to 8 hours per crane.
- \* Battery operation for program monitoring during powercut.
- \* Indoor use only.



CONTROLLERS AND PUMPS

PART NO.	TYPE	NUMBER OF STATIONS	VOLTAGE	MOQ
7008112	401i	4	24VAC	1
7008113	601i	6	24VAC	1

PIPING SYSTEMS

# CONTROLLERS AND PUMPS

## 230VAC Controllers



### Rain sensor

This is an automatic "probe" that stops spraying automatically when it starts to rain without making any program changes. Can be adjusted for rainfall of 3, 6, 12, 18 or 25 mm. Prejudicial by wind or sun is not possible, because the rainwater by the "sensor" is absorbed. Easy to install.

PART NO.	VOLTAGE	MOQ
7021765	24VAC	1



**RAIN BIRD**



### Rain Bird Rain sensor, type SRD-BEX

The Rain Bird Rain sensor, type SRD-BEX is used in both residential and commercial applications with a range of controllers like 24VAC, WPX and TBOS.

The RSD-BEX rain sensor saves water and extends the life of the irrigation system by preventing unnecessary irrigation in rainy days.

The RSD-BEX rain sensor includes an UV resistant extension wire for connecting it to the controller.

PART NO.	VOLTAGE	MOQ
7019462	24VAC	1



**RAIN BIRD**



### Rain Bird Wireless combo sensor, type WR2-RFC-868

The Rain Bird Wireless combo sensor, type WR2-RFC-868, delivers a water saving controller system for your irrigation. The WR2-RFC-868 has a wireless rain and freeze sensor with superior signal reliability.

The sensor has dual antennas for reliable sensors and with different irrigation modes.

The freeze sensors stop the irrigation when temperature drops below an already set point. The sensors are easy to deploy and fit with 24AC irrigation controllers.

PART NO.		MOQ
7021773	Rain Bird Wireless combo sensor, type WR2-RFC-868	1

### Rain Bird Soil moisture sensor, type SMRT-YI

The Rain Bird Soil moisture sensor, type SMRT-YI should be used in combination with a controller.

The sensor has to be buried in the soil and can withstand cold temperatures and is corrosion resistant.

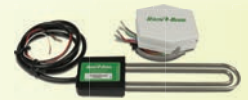
The SMRT-YI moisture sensor is compatible with any sensor like the ESP-ME, ESP-RZX, TBOS and WPX as well as other controllers.

This item is sold as a kit so it comes with 2 items:

The controller user interface and the in ground soil moisture sensor.

The sensor takes measurements of the soil's water content every 10 minutes and by doing so it will interrupt or allow the incoming irrigation cycle, this will allow up to 40% of savings in water.

PART NO.	VOLTAGE	MOQ
7019463	24VAC	1



RAIN BIRD



### Rain Bird Flow sensor, type IFS-PBSP

The Rain Bird flow sensor type IFS150PBSP to be used with Rain Bird IQ Cloud and Maxi Decoder System.

Compatibility:

- ESP-LX series controllers can have a direct connection to the flow sensor.
- ESP-LXD need to be connected to an integrated Flow Smart Module with a Sensor Decoder SD-210.
- ESP-LXM/LXME has to get an optional FSM Module installed.

PART NO.	TYPE	SIZE	CONNECTION	MOQ
7021774	IFS150PBSP	1,5"	female thread	1
7021775	IFS200PBSP	2"	female thread	1



RAIN BIRD

### Electrical surge protection kit, type LPVK-12E

The Rain Bird Surge Protection Kit type LPVK-12E protects controllers from most electrical surges.

It comes with a weatherproof PVC case.

Works with 24VAC controllers.

Use 1 Surge Protection Kit for all controllers models with up to 12 stations. For models from 13 - 24 stations use 2 Kits and for over 24 stations use 3 Kits.

PART NO.	TYPE	VOLTAGE	MOQ
7021776	LPVK-12E	24VAC	1



RAIN BIRD

# CONTROLLERS AND PUMPS

## 9V Battery Powered Controllers



RAIN BIRD



### Rain Bird Hose end timer, type 1ZEHTMR

The Rain Bird hose end timer type ZEHTMR digital is the basic tool for automatic irrigation that you can install in your garden.

Simply connect one end of the timer to the tap and the other one to your hose inlet and programme the timer.

The software of this timer is available in different languages:

7019464 for French (FR), English (EN) and Dutch (NL).

7019465 for Spanish (ES), Portuguese (PT) and German (DE).

Connection: female threaded nut x male thread

Material : plastic

Size : 3/4"

Suitable for: 2x AA batteries

Max. temp. : 43°C

PART NO.	TYPE	NUMBER OF STATIONS	CAPACITY	REC. PRESS. bar	VOLTAGE	MOQ
7019464	1ZEHTMR (EN/NL/FR)	1	2.2 m <sup>3</sup> /h	2.0 - 4.0	2x1.5V	1



RAIN BIRD



### Rain Bird Irrigation controller, type WPX

Battery-operated controller

PART NO.	TYPE	NUMBER OF STATIONS	VOLTAGE	MOQ
7021779	WPX1	1	9V	1
7021780	WPX DV KIT	1	9V	1
7021781	WPX1SOL	1	9V	1
7021782	WPX2	2	9V	1
7021783	WPX4	4	9V	1
7021784	WPX6	6	9V	1



RAIN BIRD

### Rain Bird Wall-mount kit, type 9VMOUNT

PART NO.		MOQ
7021785	Rain Bird Wall-mount kit, type 9VMOUNT	1

### Rain Bird Bluetooth control module, type TBOSBT

The Rain Bird Irrigation controller, type TBOS-II bluetooth can be installed in any location where main power is not available.

The TBOS-II works with 9v latching solenoids.

The TBOS-I has an IP68 waterproof and rugged construction that is also vandal proof.

To install the TBOS-II insert a 9V battery into the battery compartment, mount the controller inside the valve box and connect it to the solenoid.

The unit is fully backwards compatible with existing TBOS II installations and can also be fitted with the existing radio module to allow centralization with IQ if required.

Software for the new Bluetooth TBOS II is freely available for Apple and Android smartphones, it's integrated into the Rain Bird app that already existing for the LNK Wifi controllers. This app has been updated to include functionality for the new TBOS II BT.



RAIN BIRD



PART NO.	TYPE	NUMBER OF STATIONS	VOLTAGE	MOQ
7024881	TBOSBT1	1	9V	1
7024882	TBOSBT2	2	9V	1
7024883	TBOSBT4	4	9V	1
7024884	TBOSBT6	6	9V	1

### Rain Bird Solenoid adaptor, type TBOSADAPP

Enables to connect Irritrol and Buckner solenoid valves with a Rain Bird coil

Material: plastic

PART NO.		MOQ
7021702	Rain Bird Solenoid adaptor, type TBOSADAPP	1



RAIN BIRD

### Rain Bird Field transmitter, type TBOS2 FT EU

The Rain Bird Field Transmitter is used for controlled efficient water use during irrigation. The battery operated controls are programmed to allow automatic irrigation at low operating expenses and maximising water efficiency.



RAIN BIRD

PART NO.	TYPE	SUITABLE FOR	MOQ
7021793	TBOS2 FT EU	TBOS and TBOS-II Control Module and TBOS-II Radio Adaptor	1



### Rain Bird Radio adaptor, type ITBOS2 RA EU

Suitable for: TBOS or TBOS-II Control Module



RAIN BIRD

PART NO.	TYPE	VOLTAGE	MOQ
7021798	ITBOS2 RA EU	9V	1



### Rain Bird Radio relay with transformer, type ITBOS RR EU



RAIN BIRD

PART NO.	TYPE	VOLTAGE	MOQ
7021799	ITBOS RR EU	12VAC	1

# CONTROLLERS AND PUMPS

## Pumps and Pressure Sets



### Foras jet pump, type JA

Pumps JA 60 M up to 100 JA M are supplied with cable and DIN plug.  
UK / DIN plug included for UK deliveries

Connection : female thread  
Size : 1"  
Pump body : cast iron  
Material Impeller: noryl  
Shaft : stainless steel 316  
Colour : blue  
Press : 1"

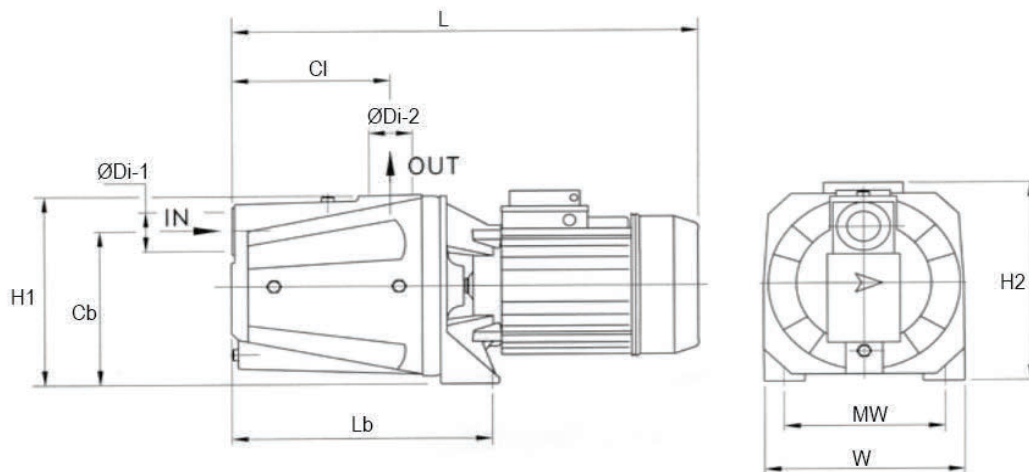
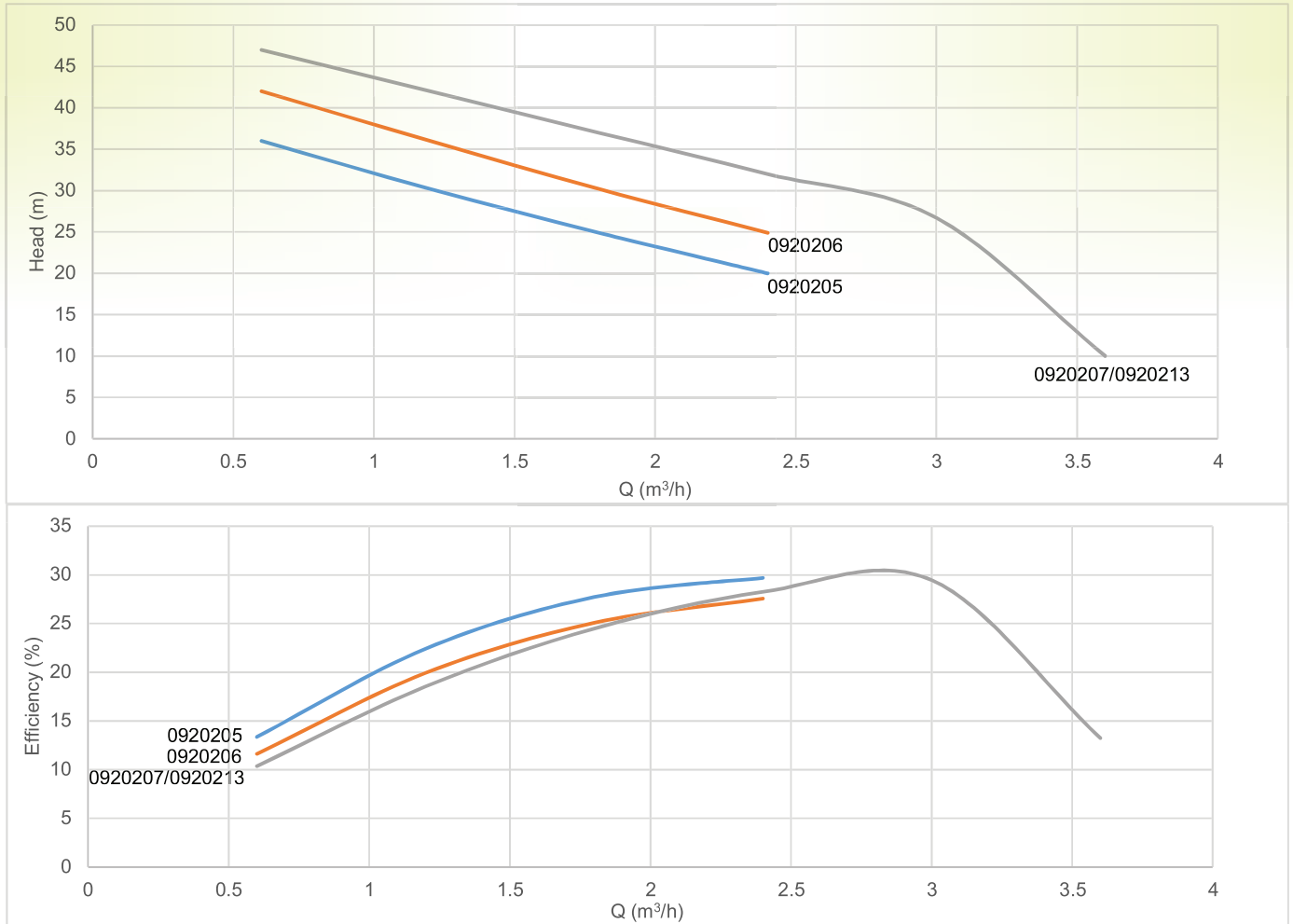


Table of size (All dimensions are in mm)

PART NO.	L	W	H1	H2	Lb	MW	Cb	Cl	Di-1	Di-2
0920205	420	180	185	195	230	140	152	140	1"	1"
0920206	420	180	185	195	230	140	152	140	1"	1"
0920207	420	180	185	195	230	140	152	140	1"	1"
0920213	420	180	185	195	230	140	152	140	1"	1"



PART NO.	TYPE	NUMBER OF IMPELLERS	P2		VOLTAGE	MWC H (m)	CAPACITY (m³/h)
			(HP)	(kW)			
0920205	JA 60 M	1 x Noryl	0.6	0.44	230V	35-20	2.4
0920206	JA 80 M	1 x Noryl	0.8	0.59	230V	43-27	2.4
0920207	JA 100 M	1 x Noryl	1	0.74	230V	45-23	3.6
0920213	JA 100 T	1 x Noryl	1	0.74	230/400V	45-23	3.6



# CONTROLLERS AND PUMPS

## Pumps and Pressure Sets



### Foras jet pump, type JA

Specifications:

Jet type self-priming electric pumps for suction up to 7-8 metres deep.

Motor sealed auto-ventilated.

Max. pressure: 6 bar

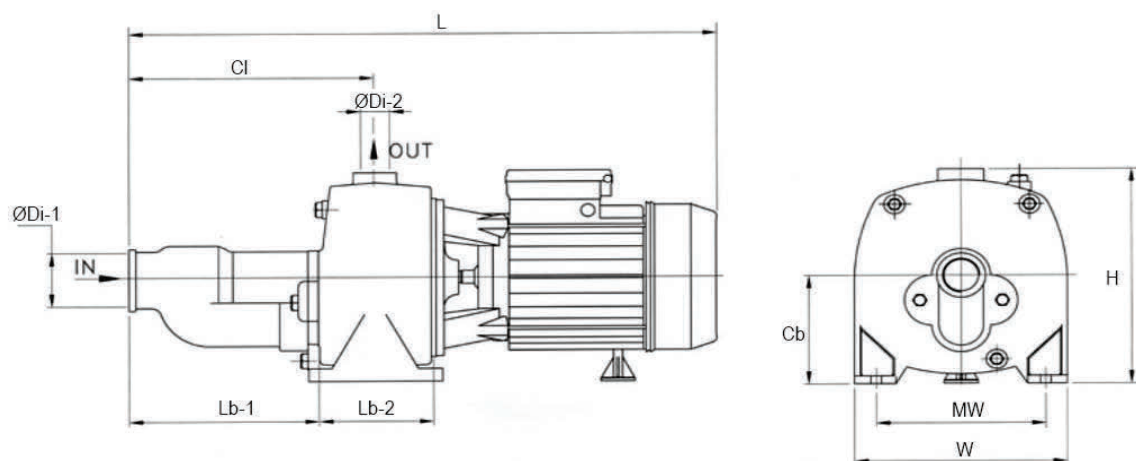
Water temperature: max. 40°C

These pumps are ready for installation by a qualified electrician.

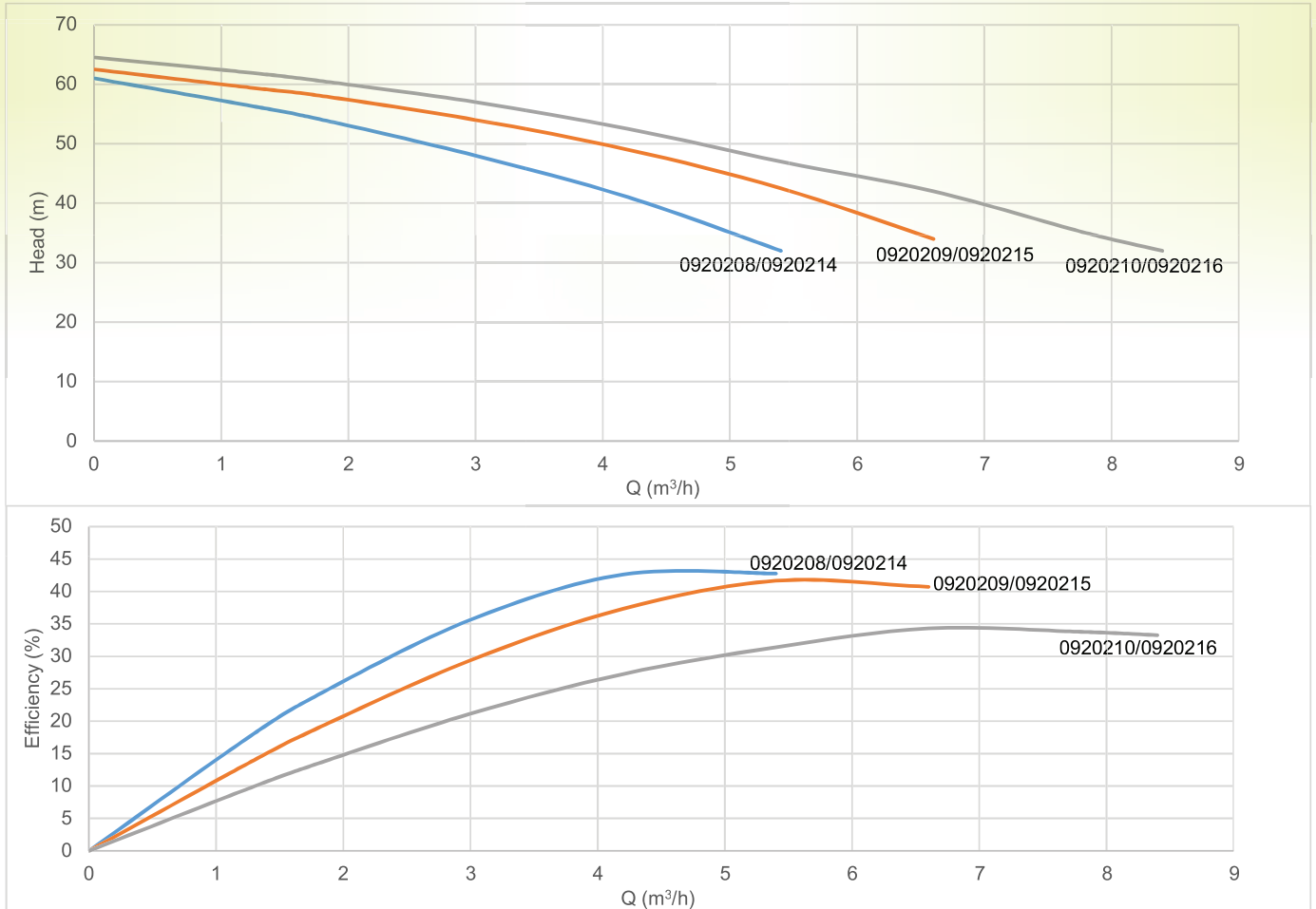


Connection : female thread  
 Size : 1 1/2" x 1"  
 Pump body : cast iron  
 Material Impeller: noryl  
 Shaft : stainless steel 316  
 Colour : blue  
 Press : 1"

Pump Diagram



PART NO.	L	W	H	Lb-1	Lb-2	MW	Cb	CI	Di-1	Di-2
0920208	596	220	240	204	105	177	112	257	1 1/2"	1"
0920214	596	220	240	204	105	177	112	257	1 1/2"	1"
0920209	596	220	240	204	105	177	112	257	1 1/2"	1"
0920215	596	220	240	204	105	177	112	257	1 1/2"	1"
0920210	596	220	240	204	105	177	112	257	1 1/2"	1"
0920216	596	220	240	204	105	177	112	257	1 1/2"	1"



PART NO.	TYPE	NUMBER OF IMPELLERS	P2 (HP)	P2 (kW)	VOLTAGE	MWC H (m)	CAPACITY (m³/h)
0920208	JA 150	2 x Noryl	1,5	1.1	230V	61-44	5,4
0920214	JA 150 T	2 x Noryl	1,5	1.1	230/400V	61-44	5,4
0920209	JA 200	2 x Noryl	2	1.65	230V	61-41	6,6
0920215	JA 200 T	2 x Noryl	2	1.65	230/400V	61-41	6,6
0920210	JA 300	2 x Noryl	3	2.2	230V	69-45	6,6
0920216	JA 300 T	2 x Noryl	3	2.2	230/400V	69-45	6,6

# CONTROLLERS AND PUMPS

## Pumps and Pressure Sets



### Foras jet pump, type JXF

Specifications:

Jet type self-priming electric pumps for suction up to 7-8 metres deep.

Motor sealed auto-ventilated.

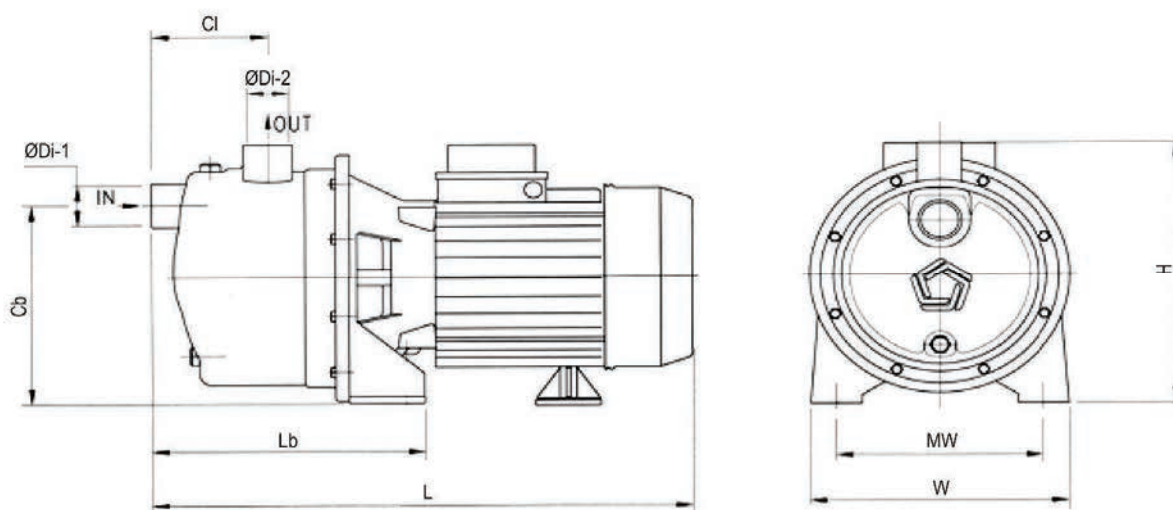
Max. pressure: 6 bar

Water temperature: max. 40°C

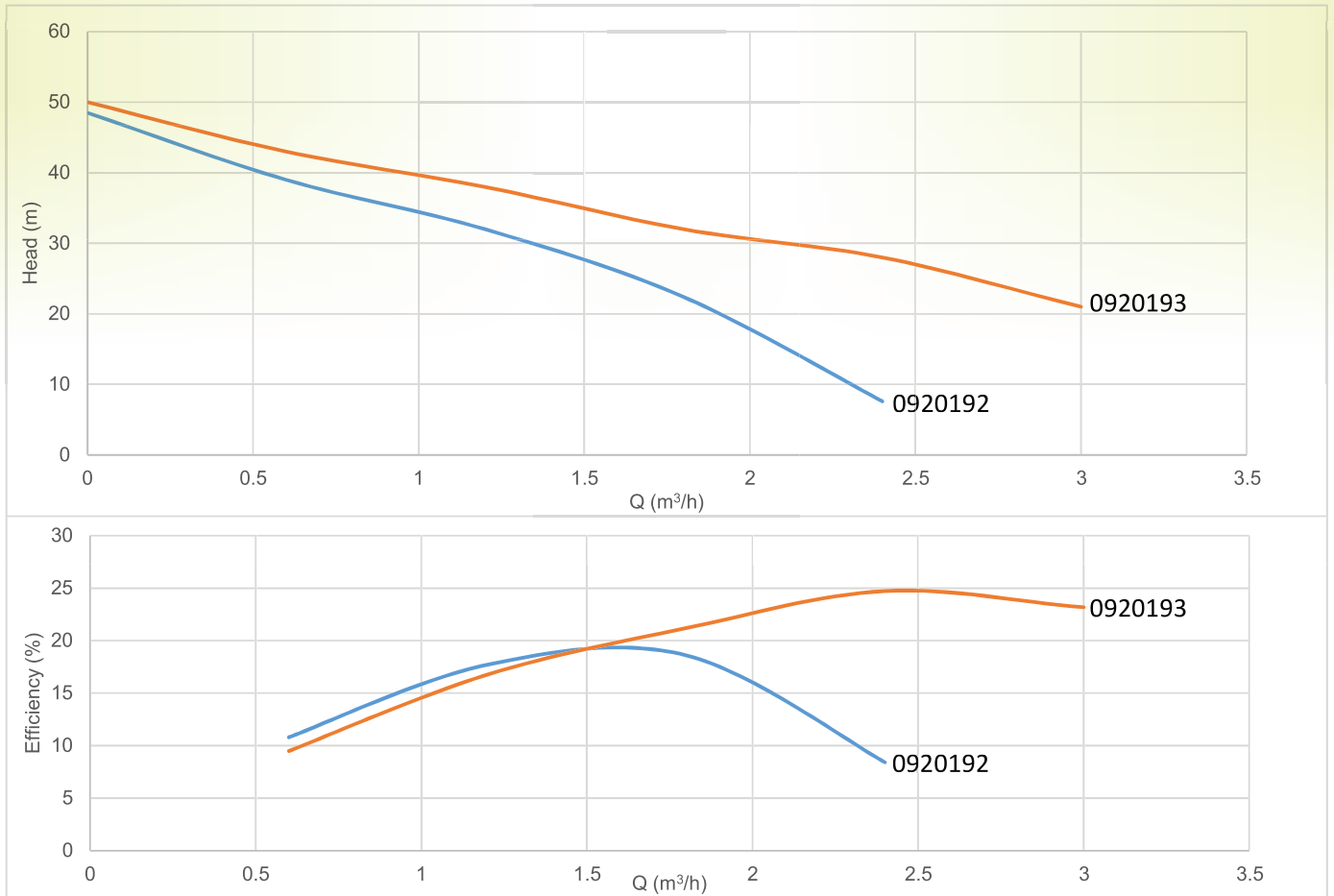
These pumps are ready for installation by a qualified electrician.

Connection : female thread  
 Size : 1"  
 Pump body : stainless steel  
 Material Impeller: noryl  
 Shaft : stainless steel 316  
 Colour : blue  
 Brass : 1"

Pump Diagram



PART NO.	L	W	H	Lb	MW	Cb	Cl	Di-1	Di-2
0920192	360	175	199	175	140	150	79	1"	1"
0920193	360	175	199	175	140	150	79	1"	1"



PART NO.	TYPE	NUMBER OF IMPELLERS	P2		VOLTAGE	MWC H (m)	CAPACITY (m³/h)
			(HP)	(kW)			
0920192	JXF 85	1 x Noryl	0,8	0,8	230V	39 - 25	0,6 - 2,4
0920193	JXF 105	1 x Noryl	1,0	1	230V	42 - 23	0,6 - 3,0

# CONTROLLERS AND PUMPS

## Pumps and Pressure Sets



### Mega Jet pump, type CJP1000

Pump will be supplied with bracket, 1,5 mtr cable and DIN plug.  
UK / DIN plug included for UK deliveries

Connection : female thread  
Size : 1"  
Pump body : PP

PART NO.	TYPE	NUMBER OF IMPELLERS	POWER kW	VOLTAGE	MWC H (m)	CAPACITY (m <sup>3</sup> /h)
7020373	CJP1000	1	1	230V	44	3,5



### Mega Jet pump, type J100S

Pump will be supplied with 1,5 mtr cable and DIN plug.  
UK / DIN plug included for UK deliveries

Connection : female thread  
Size : 1"  
Pump body : stainless steel

PART NO.	TYPE	NUMBER OF IMPELLERS	POWER kW	VOLTAGE	MWC H (m)	CAPACITY (m <sup>3</sup> /h)
7020374	J100S	1	1.1	230V	50	3



### Mega Jet pump, type J1100

Pump will be supplied with 1,5 mtr cable and DIN plug.  
UK / DIN plug included for UK deliveries

Connection : female thread  
Size : 1"  
Pump body : stainless steel

PART NO.	TYPE	NUMBER OF IMPELLERS	POWER kW	VOLTAGE	MWC H (m)	CAPACITY (m <sup>3</sup> /h)
7020375	J1100	1	1.1	230V	50	3



### Mega Jet pump, type J1100 auto

Pump will be supplied with bracket, 1,5 mtr cable and DIN plug.  
UK / DIN plug included for UK deliveries

Connection : female thread  
Size : 1"  
Pump body : cast iron

PART NO.	TYPE	NUMBER OF IMPELLERS	POWER kW	VOLTAGE	MWC H (m)	CAPACITY (m <sup>3</sup> /h)
7020376	J1100 auto	1	0.75	230V	45	3



**Mega pressure set, type CGP1200 auto**

Pump will be supplied with 1,5 mtr cable and DIN plug.

UK / DIN plug included for UK deliveries

Connection : female thread

Size : 1"

Pump body : stainless steel



PART NO.	TYPE	NUMBER OF IMPELLERS	POWER kW	VOLTAGE	MWC H (m)	CAPACITY (m <sup>3</sup> /h)
7020377	CGP1200 auto	1	1.2	230V	48	3,8

# CONTROLLERS AND PUMPS

## Pumps and Pressure Sets



### Suction hose set for pumps

Consisting of 1" hose, couplings and foot valve.

Connection: male thread

Material : PVC

PART NO.	SIZE	LENGTH	MOQ
0920094	1"	4 m	1
0920098	1"	7 m	1



### Hydro-Fit PVC suction hose set with suction strainer

Connection: male thread

Material : PVC

PART NO.	SIZE	COLOUR	LENGTH	MOQ
0940008	1"	green	4 m	1
0940009	1"	blue	7 m	1



### Cable with plug

PART NO.	TYPE	CABLE LENGTH	MOQ
0920285	3 x 1 mm <sup>2</sup> for pumps until 0,75kW	1.5 m	1
0920286	3 x 1,5mm <sup>2</sup> for pumps up to 1,5kW	1.5 m	1



### Mechanical seal

For the correct size please check the original seal set of your pump and the shaft diameter.  
(Diam.= external diameter x bore x width)

PART NO.	TYPE	TYPE	MOQ
7020462	AM12	type R	1
0992041	AR13	type A	1
0992043	FN18	type B	1
0992044	FN18	type F	1
0992048	FN20	type C	1
0992042	FN15	type D	1
0992040	AR12	type E	1
0992046	FN28	type H	1
7009029	AR40	type K	1
0992049	AR14	type L	1
7009028	FN14	type M	1
7009030	FN15	type P	1



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# CONTROLLERS AND PUMPS

## Pumps and Pressure Sets



### Foras pressure set, type Aquaset

Complete with 24 ltr. horizontal tank, pressure gauge and pressure switch. Ready for installation by a qualified electrician.

Pump will be supplied with cable and DIN plug.

UK / DIN plug included for UK deliveries

Connection : female thread

Size : 1"

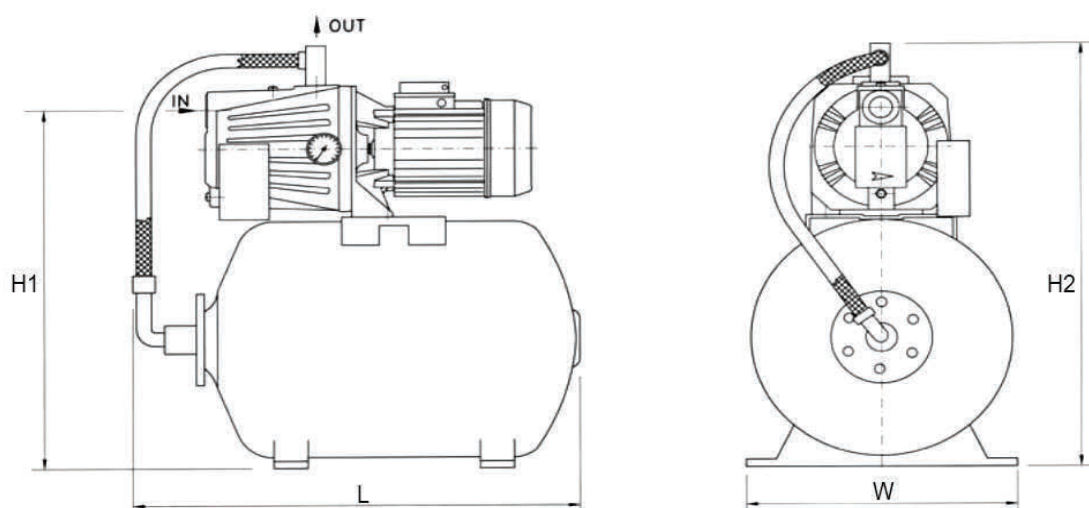
Pump body : cast iron

Material Impeller: noryl

Colour : blue

Press : 1"

Diagram



PART NO.	L	W	H1	H2	Di-1	Di-2
0920390	560	260	420	525	-	-
0920032	560	260	420	525	-	-
0920034	560	260	420	525	-	-

PART NO.	TYPE	NUMBER OF IMPELLERS	P2 (HP)	P2 (kW)	VOLTAGE	MWC H (m)	CAPACITY (m <sup>3</sup> /h)
0920390	JR 60/C	1	0.6	0.44	230V	37	2.4
0920032	JA 80/C	1	0.8	0.59	230V	45	2.4
0920034	JA 100/C	1	1	0.74	230V	47	3

### Foras pressure set with S/S pump

Complete with 24 ltr. horizontal tank, pressure gauge and pressure switch. Ready for installation by a qualified electrician.

Pump will be supplied with cable and DIN plug.

UK / DIN plug included for UK deliveries

Connection : female thread

Size : 1"

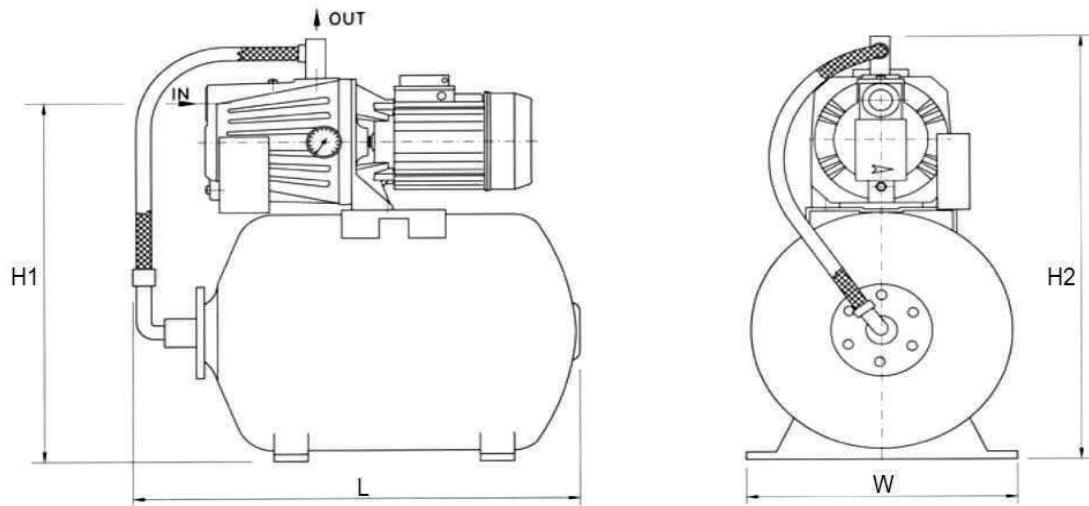
Pump body : stainless steel 304

Material Impeller: noryl

Colour : blue

Press : 1"

Diagram



PART NO.	L	W	H1	H2	Di-1	Di-2
0920198	560	260	420	525	-	-
0920199	560	260	420	525	-	-

PART NO.	TYPE	NUMBER OF IMPELLERS	P2 (HP)	P2 (kW)	VOLTAGE	MWC H (m)	CAPACITY (m <sup>3</sup> /h)
0920198	JXF 85	1	1	0.8	230V	42	2.4
0920199	JXF 105	1	1	0.74	230V	42	2.4

# CONTROLLERS AND PUMPS

## Pumps and Pressure Sets



### Foras pressure tank set

Composed of tank, pressure switch, flexible hose, pressure gauge, 3- or 5-way coupling, connectors and Foras jet pump.

Ready for assembly and installation by qualified electrician.

Type M is supplied with cable and Din plug

Connection : female thread

Size : 1"

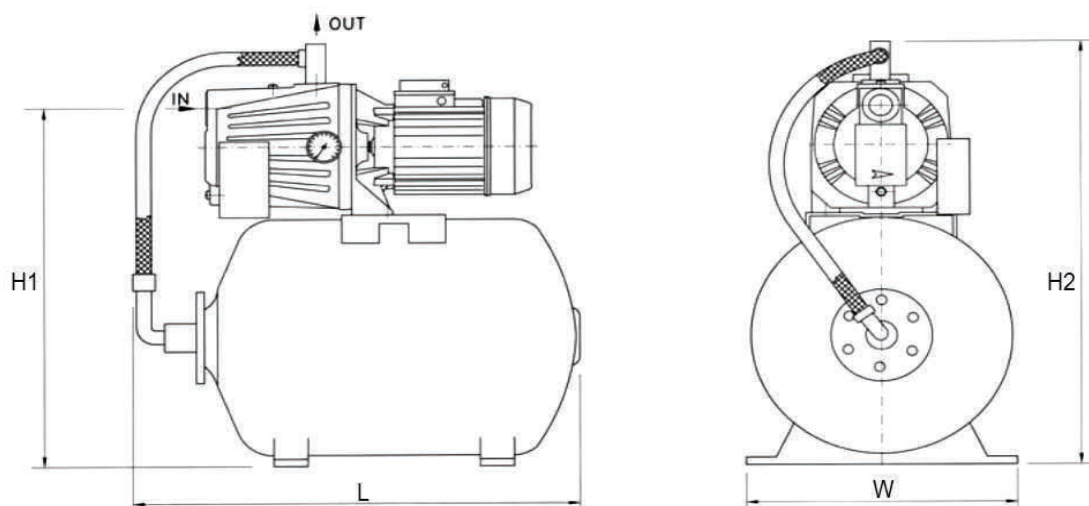
Pump body : cast iron

Material Impeller: noryl

Colour : blue

Press : 1"

Diagram



PART NO.	L	W	H1	H2	Di-1	Di-2
0920037	560	260	420	525	-	-
0920038	560	260	420	525	-	-
0920043	560	260	420	525	-	-
0920044	560	260	420	525	-	-

PART NO.	TYPE	NUMBER OF IMPELLERS	P2 (HP)	P2 (kW)	VOLTAGE	MWC H (m)	CAPACITY (m <sup>3</sup> /h)
0920037	JA 100/1 M horizontal	1		0.75	230V	47	3.6
0920038	JA 150/1 M horizontal	2	1.5	1.1	230V	60	5.4
0920043	JA 200/1 M horizontal	1	2	1.5	230V	62	6.6
0920044	JA 200/1 T horizontal	2	1.5	1.5	230/400V	62	6.6

### Mega pressure switch type SK-1

Connection : female thread



PART NO.	TYPE	SIZE	AMPERE	VOLTAGE	ADJ. PRESSURE	MOQ
0940010	SK 1	1/4"	10 A	230V	1 - 5 bar	1



### Pressure switch, type PM/12

Connection : female thread

PART NO.	TYPE	SIZE	AMPERE	VOLTAGE	ADJ. PRESSURE	MOQ
0920161	PM/12	1/4"	16 A	230V	2 - 12 bar	1
0920162	PM/5	1/4"	16 A	230V	1 - 5 bar	1
0920163	PT/5	1/4"	16 A	230/400V	1 - 5 bar	1



### Mega Press control, type SK

Connection : male thread

Protection : IP 65

Power : 1.1 kW



PART NO.	TYPE	SIZE	AMPERE	VOLTAGE	MOQ
0940012	SK 13	1"	10 A	230V	1



### Mega Press control dry run protector, type SK

Connection : male thread

Protection : IP 65

Power : 1.1 kW



PART NO.	TYPE	SIZE	AMPERE	VOLTAGE	MOQ
0940013	SK10 w/o cable	1"	10 A	230V	1
0940014	SK10 with cable	1"	10 A	230V	1



### Idromat Press control dry run protector

The Idromat presscontrol is the switch that gives your pump a surge tank function without the use of an expansion tank.

Connection : male thread x female thread

Protection : IP 65

Power : 1.5 kW

PART NO.	TYPE	SIZE	AMPERE	VOLTAGE	MOQ
0920054	with cable	1"	10 A	230V	1
0920055	without cable	1"	10 A	230V	1

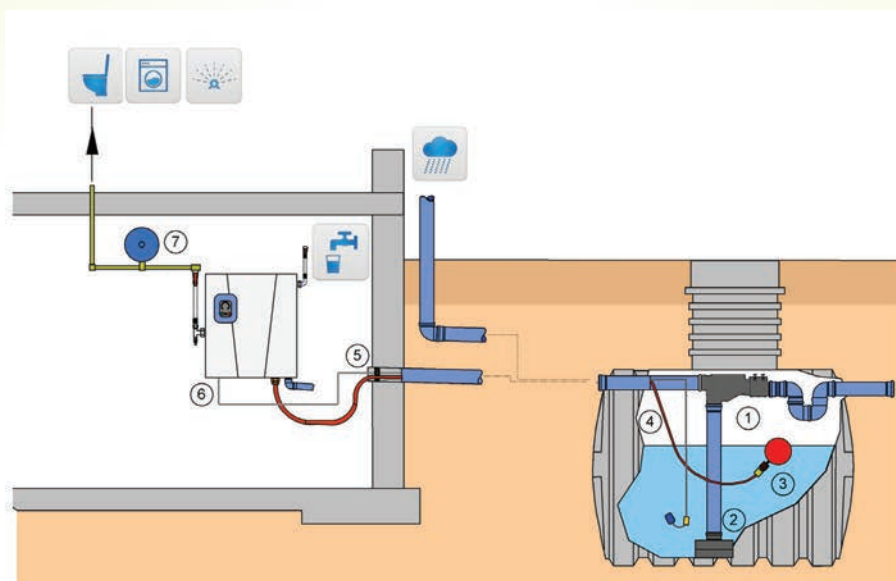


# CONTROLLERS AND PUMPS

## Rain Water Harvesting Systems

### Rain Water Harvesting single family house & garden RM Favorit-SC

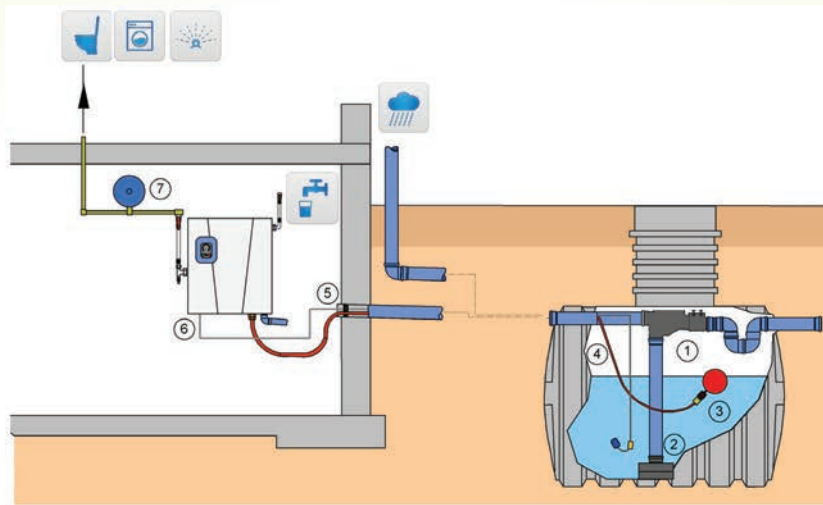
RWHS Model L is suitable when the amount of water use is unpredictable at a given time – up to 80 liters/minute. The heavy duty variable speed pump makes sure that system is coping with the variations in pressure. Reducing pump speed reduces pressure imparted to the fluid and this results in reducing the power consumption. Further to energy conservation there are also many benefits such as improved reliability, process performance and providing efficient flow control. The control system of RWHS Model L separates rainwater from the mains with the help of a break-tank with type AB airgap. Rainwater is given priority over mains and when the tank is empty, the control system automatically switches to mains.



PART NO.		MOQ
7023555	Rain Water Harvesting single family house & garden RM Favorit-SC	1

### Rain Water Harvesting single family house & garden RM Favorit-SC & RM-D29

RWHS Model L+ (features tank level indicator) is suitable when the amount of water use is unpredictable at a given time – 10 to 60 liters/minute. The heavy duty variable speed pump makes sure that system is coping with the variations in pressure. Reducing pump speed reduces pressure imparted to the fluid and this results in reducing the power consumption. Further to energy conservation there are also many benefits such as improved reliability, process performance and providing efficient flow control. The control system of RWHS Model L+ separates rainwater from the mains with the help of a break-tank with type AB airgap. Rainwater is given priority over mains and when the tank is empty, the control system automatically switches to mains.



PART NO.		MOQ
7023556	Rain Water Harvesting single family house & garden RM Favorit-SC	1

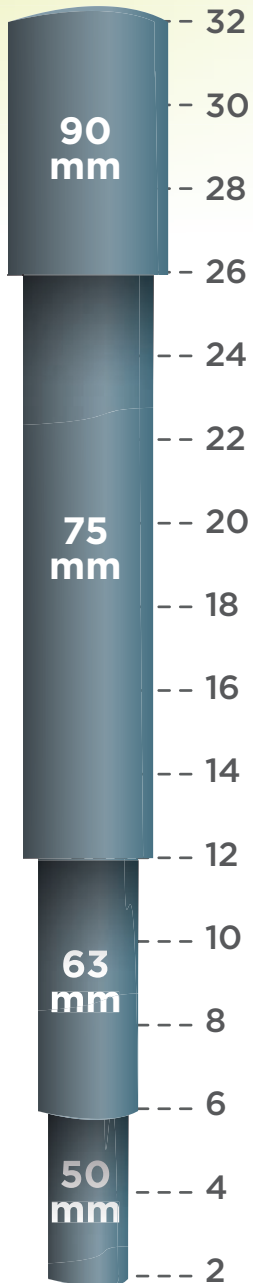


## PIPING SYSTEMS

- PE Pipes and Fittings
- Fasteners, Adhesives and Clamps
- Metal Valves and Taps
- Brass Couplings
- Plastic Click Connectors and Sprayers
- Hoses

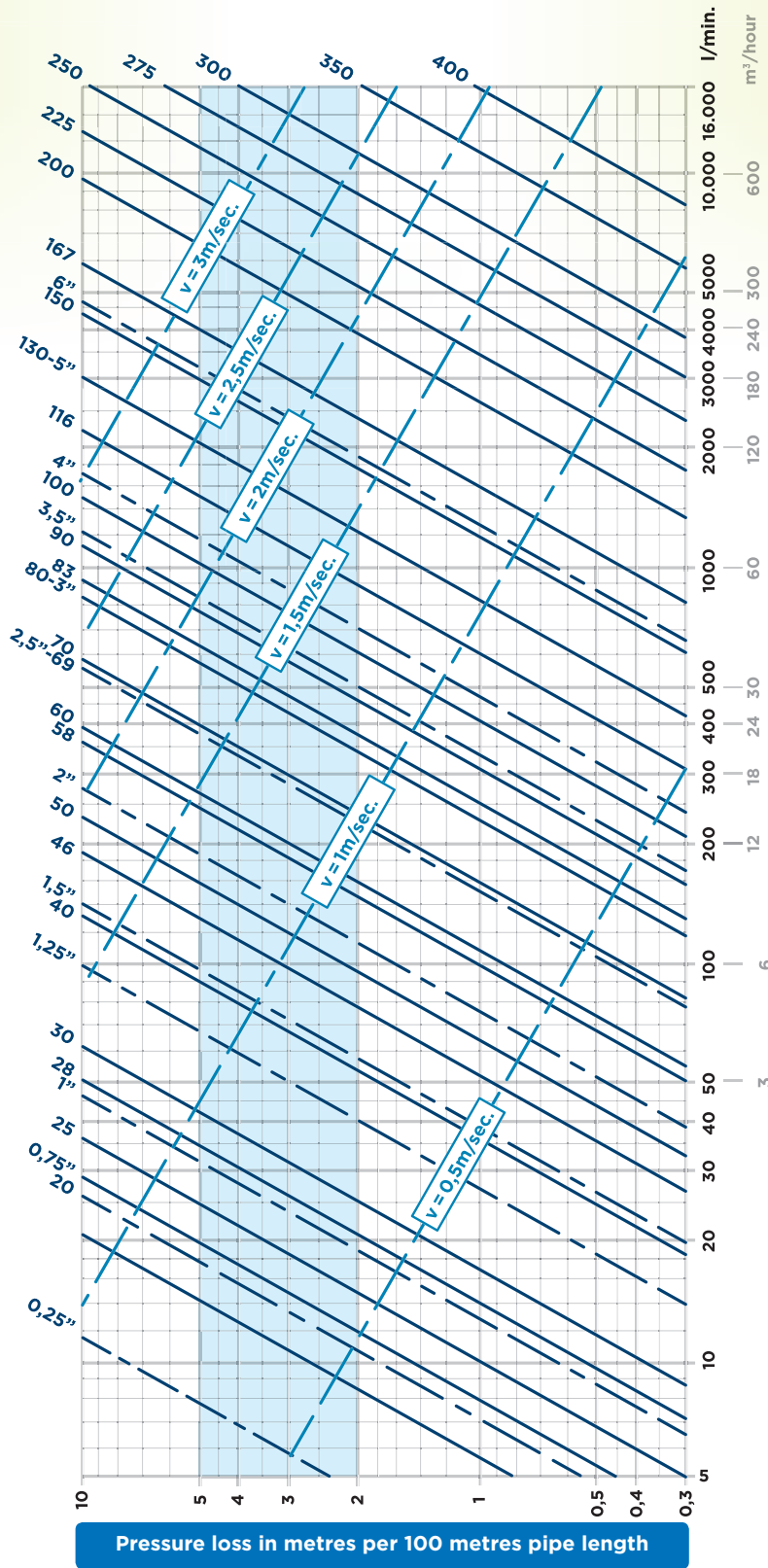


# Quick selection



FLOW  
m<sup>3</sup>/h

# Sizing



Graph is for normal gas pipes

Multiplication factor:

- a) for rubber hose 1.5 à 1.6
- b) copper pipe 0.9
- c) aluminium pipe 0.9
- d) PVC 0.85



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# PIPING SYSTEMS

## PE Pipes and Fittings



**RAIN BIRD**

### Rain Bird Pressure pipe

Material: PE40

Colour : brown

PART NO.	SIZE	WALL THICKNESS mm	LENGTH m	PRESSURE bar	MOQ
7019391	16 mm	1,2	100	4	1



### Pressure pipe

Material: PE40

Colour : black

PART NO.	SIZE	WALL THICKNESS	LENGTH	PRESSURE	MOQ
0700000	16 mm	1,5 mm	100 m	5 bar	100
0700001	16 mm	1,5 mm	500 m	5 bar	500
0700003	20 mm	1,5 mm	100 m	4 bar	100
0700004	20 mm	1,5 mm	500 m	4 bar	500
0700005	20 mm	2,0 mm	100 m	4 bar	100
0700006	20 mm	2,0 mm	500 m	4 bar	500
0700007	20 mm	2,2 mm	100 m	6 bar	100
0700016	20 mm	2,2 mm	200 m	6 bar	200
0700008	20 mm	2,2 mm	300 m	6 bar	2700
0700009	20 mm	2,2 mm	500 m	6 bar	500
0700011	25 mm	1,9 mm	100 m	4 bar	100
0700012	25 mm	1,9 mm	500 m	4 bar	500
0700027	25 mm	2,3 mm	100 m	5 bar	100
0700013	25 mm	2,7 mm	100 m	6 bar	100
0700014	25 mm	2,7 mm	300 m	6 bar	300
0700015	25 mm	2,7 mm	500 m	6 bar	500
0700018	32 mm	3,0 mm	100 m	5 bar	100
0700026	32 mm	3,0 mm	300 m	5 bar	300
7011815	32 mm	3,5 mm	100 m	6 bar	100
0700019	40 mm	3,6 mm	100 m	5 bar	100
7011816	40 mm	4,3 mm	100 m	6 bar	100
0700020	50 mm	4,5 mm	100 m	5 bar	100
7011817	50 mm	5,5 mm	100 m	6 bar	100
0700021	63 mm	5,7 mm	50 m	5 bar	50
7011818	63 mm	6,8 mm	50 m	6 bar	50



### Pressure pipe PE80, SDR17

Material: PE80

Colour : black

PART NO.	SIZE	WALL THICKNESS mm	LENGTH m	PRESSURE bar	MOQ
0700109	25 mm	2,0	100	8	100
0700110	32 mm	2,0	100	8	100
0700111	40 mm	2,4	100	8	100
0700112	50 mm	3,0	100	8	100
0700113	63 mm	3,8	100	8	100
0700114	75 mm	4,5	100	8	100
0700115	90 mm	5,4	100	8	100
0700116	110 mm	6,6	100	8	100

### Pressure pipe PE80, SDR11

Material : PE80  
 Colour : black/blue  
 DIN Standard: DIN 8074/8075



PART NO.	SIZE	WALL THICKNESS mm	LENGTH m	PRESSURE bar	TYPE	MOQ
0701078	20 mm	2,0	10	12,5	Ø pack=0,60m	10
0701079	20 mm	2,0	25	12,5	Ø pack=0,60m	25
0701080	20 mm	2,0	50	12,5	Ø pack=0,65m	50
0701071	25 mm	2,3	10	12,5	Ø pack=0,60m	10
0701072	25 mm	2,3	25	12,5	Ø pack=0,60m	25
0701073	25 mm	2,3	50	12,5	Ø pack=0,65m	50
0701074	32 mm	3,0	10	12,5	Ø pack=0,80m	10
0701075	32 mm	3,0	25	12,5	Ø pack=0,80m	25
0701076	32 mm	3,0	50	12,5	Ø pack=0,85m	50
0701077	40 mm	3,7	50	12,5	Ø pack=1,15m	50

### Pressure pipe PE100, SDR11

Material : PE100  
 Colour : black/blue  
 DIN Standard: DIN 8074/8075



PART NO.	SIZE	WALL THICKNESS mm	LENGTH m	PRESSURE bar	MOQ
0706080	20 mm	2,0	100	16	100
0706081	25 mm	2,3	100	16	100
0706082	32 mm	3,0	100	16	100
7011854	40 mm	3,7	50	16	50
0706083	40 mm	3,7	100	16	100
0706084	50 mm	4,6	100	16	100
0706085	63 mm	5,8	100	16	100
0706086	75 mm	6,8	100	16	100
0706087	90 mm	8,2	100	16	100
0706088	110 mm	10,0	100	16	100



Pipe cutter "Deluxe"

PART NO.	SIZE	MOQ
0090105	6-35 mm	1



Pipe chamfer tool

PART NO.	SIZE	PRESSURE	PACKAGING	
0700025	16-63 mm	red	1	10
7016363	16-63 mm	blue	1	10

# PIPING SYSTEMS



## Coupler

Connection: compression  
 Material : PP  
 Pressure : 10 bar  
 Colour : black/green



PART NO.	SIZE	MOQ
7025054	20 mm	1
7025055	25 mm	1
7025056	32 mm	1
7025057	40 mm	1
7025058	50 mm	1
7025059	63 mm	1



## Elbow 90°

Connection: compression  
 Material : PP  
 Pressure : 10 bar  
 Colour : black/green



PART NO.	SIZE	MOQ
7025069	20 mm	1
7025070	25 mm	1
7025071	32 mm	1
7025072	40 mm	1
7025073	50 mm	1
7025074	63 mm	1

# PE Pipes and Fittings



## Reducing coupler

Connection: compression  
 Material : PP  
 Pressure : 10 bar  
 Colour : black/green



PART NO.	SIZE	MOQ
7025060	25 mm x 20 mm	1
7025061	32 mm x 20 mm	1
7025062	32 mm x 25 mm	1
7025063	40 mm x 25 mm	1
7025064	40 mm x 32 mm	1
7025065	50 mm x 32 mm	1
7025066	50 mm x 40 mm	1
7025067	63 mm x 40 mm	1
7025068	63 mm x 50 mm	1



## Elbow 90°

Connection: compression x male thread  
 Material : PP  
 Pressure : 10 bar  
 Colour : black/green



PART NO.	SIZE	MOQ
7025026	20 mm x 1/2"	1
7025027	20 mm x 3/4"	1
7025028	25 mm x 1/2"	1
7025029	25 mm x 3/4"	1
7025030	25 mm x 1"	1
7025031	32 mm x 3/4"	1
7025032	32 mm x 1"	1
7025033	32 mm x 1 1/4"	1
7025034	40 mm x 1"	1
7025035	40 mm x 1 1/4"	1
7025036	40 mm x 1 1/2"	1
7025037	50 mm x 1 1/4"	1
7025038	50 mm x 1 1/2"	1
7025039	50 mm x 2"	1
7025040	63 mm x 2"	1



### Elbow 90°

Connection: compression x female thread

Material : PP  
Pressure : 10 bar  
Colour : black/green



PART NO.	SIZE	MOQ
7025041	20 mm x 1/2"	1
7025042	20 mm x 3/4"	1
7025043	25 mm x 1/2"	1
7025044	25 mm x 3/4"	1
7025045	25 mm x 1"	1
7025046	32 mm x 1/2"	1
7025047	32 mm x 3/4"	1
7025048	32 mm x 1"	1
7025049	32 mm x 1 1/4"	1
7025050	40 mm x 1"	1
7025051	40 mm x 1 1/4"	1
7025052	50 mm x 1 1/2"	1
7025053	63 mm x 2"	1



### T-piece 90°

Connection: compression x female thread x compression

Material : PP  
Pressure : 10 bar  
Colour : black/green



PART NO.	SIZE	MOQ
7024996	20 mm x 1/2" x 20 mm	1
7024997	20 mm x 3/4" x 20 mm	1
7024998	25 mm x 1/2" x 25 mm	1
7024999	25 mm x 3/4" x 25 mm	1
7025000	25 mm x 1" x 25 mm	1
7025001	32 mm x 3/4" x 32 mm	1
7025002	32 mm x 1" x 32 mm	1
7025003	32 mm x 1 1/4" x 32 mm	1
7025004	40 mm x 1" x 40 mm	1
7025005	40 mm x 1 1/4" x 40 mm	1
7025006	50 mm x 1 1/2" x 50 mm	1
7025007	63 mm x 2" x 63 mm	1



### T-piece 90°

Connection: compression

Material : PP  
Pressure : 10 bar  
Colour : black/green



PART NO.	SIZE	MOQ
7025008	20 mm	1
7025009	25 mm	1
7025010	32 mm	1
7025011	40 mm	1
7025012	50 mm	1
7025013	63 mm	1



### T-piece 90° reduced

Connection: compression

Material : PP  
Pressure : 10 bar  
Colour : black/green



PART NO.	SIZE	MOQ
7025014	25 mm x 20 mm x 25 mm	1
7025015	25 mm x 32 mm x 25 mm	1
7025016	32 mm x 20 mm x 32 mm	1
7025017	32 mm x 25 mm x 32 mm	1
7025018	40 mm x 25 mm x 40 mm	1
7025019	40 mm x 32 mm x 40 mm	1
7025020	50 mm x 25 mm x 50 mm	1
7025021	50 mm x 32 mm x 50 mm	1
7025022	50 mm x 40 mm x 50 mm	1
7025023	63 mm x 32 mm x 63 mm	1
7025024	63 mm x 40 mm x 63 mm	1
7025025	63 mm x 50 mm x 63 mm	1

# PIPING SYSTEMS



## T-piece 90°

Connection: compression x  
male thread x  
compression

Material : PP  
Pressure : 10 bar  
Colour : black/green



PART NO.	SIZE	MOQ
7024983	20 mm x 1/2" x 20 mm	1
7024984	20 mm x 3/4" x 20 mm	1
7024985	25 mm x 1/2" x 25 mm	1
7024986	25 mm x 3/4" x 25 mm	1
7024987	25 mm x 1" x 25 mm	1
7024988	32 mm x 3/4" x 32 mm	1
7024989	32 mm x 1" x 32 mm	1
7024990	32 mm x 1 1/4" x 32 mm	1
7024991	40 mm x 1" x 40 mm	1
7024992	40 mm x 1 1/4" x 40 mm	1
7024993	50 mm x 1,25" x 50 mm	1
7024994	50 mm x 1 1/2" x 50 mm	1
7024995	63 mm x 2" x 63 mm	1



## Adaptor socket

Connection: compression x  
female thread

Material : PP  
Pressure : 10 bar  
Colour : black/green



PART NO.	SIZE	MOQ
7024947	20 mm x 1/2"	1
7024948	20 mm x 3/4"	1
7024949	25 mm x 1/2"	1
7024950	25 mm x 3/4"	1
7024951	25 mm x 1"	1
7024952	32 mm x 3/4"	1
7024953	32 mm x 1"	1
7024954	32 mm x 1 1/4"	1
7024955	40 mm x 1"	1
7024956	40 mm x 1 1/4"	1
7024957	40 mm x 1 1/2"	1
7024958	50 mm x 1 1/2"	1
7024959	63 mm x 2"	1

# PE Pipes and Fittings



## Adaptor bush

Connection: compression x  
male thread

Material : PP  
Pressure : 10 bar  
Colour : black/green



PART NO.	SIZE	MOQ
7024966	20 mm x 1/2"	1
7024967	20 mm x 3/4"	1
7024968	25 mm x 1/2"	1
7024969	25 mm x 3/4"	1
7024970	25 mm x 1"	1
7024971	32 mm x 3/4"	1
7024972	32 mm x 1"	1
7024973	32 mm x 1 1/4"	1
7024974	40 mm x 3/4"	1
7024975	40 mm x 1"	1
7024976	40 mm x 1 1/4"	1
7024977	40 mm x 1 1/2"	1
7024978	50 mm x 1 1/4"	1
7024979	50 mm x 1 1/2"	1
7024980	50 mm x 2"	1
7024981	63 mm x 1 1/2"	1
7024982	63 mm x 2"	1



## Cap

Connection: compression

Material : PP  
Pressure : 10 bar  
Colour : black/green



PART NO.	SIZE	MOQ
7024960	20 mm	1
7024961	25 mm	1
7024962	32 mm	1
7024963	40 mm	1
7024964	50 mm	1
7024965	63 mm	1

# Fasteners, Adhesives and Clamps



**Mega PTFE Sealing tape**



PART NO.	SIZE	THICKNESS	LENGTH	MOQ
0070011	12 mm	0.08 mm	10 m	10
0070062	15 mm	0.1 mm	25 m	1
0070063	19 mm	0.1 mm	50 m	1



**Tangit Sealing wire, type Uni-Lock**

The sealing technique to replace hemp/kit and/or tape. Connections made with Uni-Lock can be put in position (max. 130°) without affecting the sealing function.

Contains: 80 metres (configured for 240 seals, 1/2 " thread)  
According to EN 751-2

PART NO.	LENGTH	PACKAGE QUANTITY	MOQ
0070045	80 m	20	1



**Loctite Sealing wire, type 55**

Approval: DVGW/WRAS  
Colour : white



PART NO.	LENGTH	FEATURE	MOQ
0710647	50 m		1
7013276	50 m	in blister	1
7017505	160 m		1



**PTFE Sealing tape**

Approval: GASTEC

PART NO.	SIZE	THICKNESS	LENGTH	MOQ
0070013	12 mm	0.1 mm	12 m	10



**PTFE Sealing tape**

NEN : NEN-EN 751-3

Approval: DVGW

PART NO.	SIZE	THICKNESS	LENGTH	MOQ
0070012	12 mm	0.1 mm	12 m	10



**Griffon Fibre seal, type Kolmat**

Approval: DVGW/GASTEC/WRAS  
Colour : green



PART NO.	SIZE	LENGTH	MOQ
7020189	12 mm	15 m	1
7013382	14 mm	15 m	30



**Thread sealant, knot**

Material: hemp

PART NO.	WEIGHT	MOQ
1180201	180-200 g	1
7016391	200 g	1



# PIPING SYSTEMS



**Griffon Hemp, jar**  
Material: hemp



PART NO.	WEIGHT	FEATURE	PACKAGING
1180205	100 g	jar	1 12



**Thread sealant, refill**  
Material: hemp

PART NO.	WEIGHT	MOQ
1180206	100 g	1



**Cable tie, black**  
Material : nylon 6.6  
Colour : black  
Per pack: 100 pcs



PART NO.	SIZE	WIDTH	MOQ
0120080	96 mm	2,5 mm	1
0120081	142 mm	3,2 mm	1
0120082	150 mm	3,6 mm	1
0120416	165 mm	3,6 mm	1
0120084	190 mm	4,8 mm	1
0120418	203 mm	4,8 mm	1
0120083	203 mm	4,8 mm	1
0120087	203 mm	7,6 mm	1
0120419	250 mm	7,6 mm	1
0120085	280 mm	8 mm	1
0120422	300 mm	8 mm	1
0120086	368 mm	9 mm	1
0120088	380 mm	9 mm	1
0120424	432 mm	12,7 mm	1
0120089	450 mm	2,5 mm	1
0120090	550 mm	2,5 mm	1
0120095	550 mm	3,6 mm	1
0120091	710 mm	7,6 mm	1
0120092	914 mm	4,8 mm	1

# Fasteners, Adhesives and Clamps



**Griffon Sealing paste, type Silpat**

Sealing compound for sealing metal threaded connections in gas, water (central heating installations) and compressed air systems. For water used in combination with hemp.



PART NO.	WEIGHT	MOQ
1180200	600 g	1



**Cable tie, natural**  
Material : nylon 6.6  
Colour : natural  
Per pack: 100 pcs



PART NO.	SIZE	WIDTH	MOQ
0120060	96 mm	2,5 mm	1
0120061	142 mm	3,2 mm	1
0120062	150 mm	3,6 mm	1
0120064	190 mm	4,8 mm	1
0120405	203 mm	2,5 mm	1
0120063	203 mm	3,6 mm	1
0120067	203 mm	7,6 mm	1
0120406	250 mm	3,6 mm	1
0120065	280 mm	4,8 mm	1
0120409	292 mm	7,6 mm	1
0120066	368 mm	4,8 mm	1
0120068	380 mm	7,6 mm	1
0120411	432 mm	4,8 mm	1
0120069	450 mm	8 mm	1
0120070	550 mm	8 mm	1
0120071	710 mm	9 mm	1



### Cable tie assortment box

Contents: 850 pieces.  
 100 x 100 mm - 2,5 mm natural,  
 100 x 100 mm - 2,5 mm red,  
 100 x 100 mm - 2,5 mm yellow,  
 100 x 100 mm - 2,5 mm green,  
 100 x 100 mm - 2,5 mm blue,  
 300 x 203 mm - 4,6 mm natural,  
 50 x 280 mm - 4,8 mm natural

PART NO.	PACKAGE QUANTITY	MOQ
0120057	650 pcs mixed	1
0120058	850 pcs mixed	1



### Worm drive hose clamp

Material : stainless steel 304  
 Type : W4



PART NO.	SIZE	WIDTH	MOQ
0464497	8 mm x 12 mm	12 mm	20
0464480	10 mm x 16 mm	12 mm	20
0464481	12 mm x 20 mm	12 mm	10
0464482	16 mm x 27 mm	12 mm	10
0464483	20 mm x 32 mm	12 mm	10
0464484	25 mm x 40 mm	12 mm	1
0464485	30 mm x 45 mm	12 mm	1
0464486	35 mm x 50 mm	12 mm	10
0464487	40 mm x 60 mm	12 mm	10
0464489	50 mm x 70 mm	12 mm	10
0464490	60 mm x 80 mm	12 mm	10
0464491	70 mm x 90 mm	12 mm	10
0464492	80 mm x 100 mm	12 mm	10
0464493	90 mm x 110 mm	12 mm	10
0464495	100 mm x 120 mm	12 mm	2
0464494	110 mm x 130 mm	12 mm	10
0464496	120 mm x 140 mm	12 mm	10
0464470	140 mm x 160 mm	12 mm	1
0464471	170 mm x 190 mm	12 mm	1
0464472	190 mm x 210 mm	12 mm	1
0464473	210 mm x 230 mm	12 mm	1
0464474	240 mm x 260 mm	12 mm	1
0464475	260 mm x 280 mm	12 mm	1
0464476	290 mm x 310 mm	12 mm	1
0464477	330 mm x 350 mm	12 mm	1



### Mega worm drive hose clamp, W1

Material : steel  
 Surface treatment : galvanised



PART NO.	SIZE	WIDTH	MOQ
0464626	8 mm x 12 mm	12 mm	20
0464627	10 mm x 16 mm	12 mm	20
0464628	12 mm x 20 mm	12 mm	10
0464629	16 mm x 27 mm	12 mm	10
0464630	20 mm x 32 mm	12 mm	10
0464631	25 mm x 40 mm	12 mm	10
0464632	32 mm x 50 mm	12 mm	10
0464633	40 mm x 60 mm	12 mm	10
0464634	50 mm x 70 mm	12 mm	10
0464635	60 mm x 80 mm	12 mm	10
0464636	70 mm x 90 mm	12 mm	10
0464637	80 mm x 100 mm	12 mm	10
0464638	90 mm x 110 mm	12 mm	10
0464639	100 mm x 120 mm	12 mm	10
0464640	110 mm x 130 mm	12 mm	10
0464641	120 mm x 140 mm	12 mm	10

# PIPING SYSTEMS



## Mega Industry worm drive hose clamp W1

Material : steel  
Surface treatment : galvanised  
Type : Industry



PART NO.	SIZE	WIDTH	MOQ
0460550	16 mm x 25 mm	12 mm	10
0460551	20 mm x 32 mm	12 mm	10
0460552	25 mm x 40 mm	12 mm	10
0460553	32 mm x 50 mm	12 mm	10
0460554	40 mm x 60 mm	12 mm	10
0460555	50 mm x 70 mm	12 mm	10
0460556	60 mm x 80 mm	12 mm	10
0460557	70 mm x 90 mm	12 mm	10
0460568	80 mm x 100 mm	12 mm	10
0460558	90 mm x 110 mm	12 mm	1
0460559	110 mm x 130 mm	12 mm	1
0460560	130 mm x 160 mm	12 mm	1
0460561	150 mm x 180 mm	12 mm	1
0460562	170 mm x 200 mm	12 mm	1
0460563	190 mm x 220 mm	12 mm	1
0460564	210 mm x 240 mm	12 mm	1
0460565	230 mm x 260 mm	12 mm	100
0460566	250 mm x 280 mm	12 mm	1
0460567	270 mm x 300 mm	12 mm	1

# Fasteners, Adhesives and Clamps



## Industrial worm drive clamp

Material : stainless steel 304  
Type : W4



PART NO.	SIZE	WIDTH	MOQ
0460300	9,5 mm x 12 mm	9,5 mm	10
0460301	11 mm x 16 mm	9,5 mm	10
0460302	13 mm x 20 mm	9,5 mm	10
0460303	16 mm x 22 mm	12 mm	10
0460304	18 mm x 25 mm	12 mm	10
0460305	22 mm x 30 mm	12 mm	1
0460306	25 mm x 35 mm	12 mm	1
0460307	30 mm x 40 mm	12 mm	1
0460308	35 mm x 50 mm	12 mm	1
0460309	40 mm x 55 mm	12 mm	1
0460310	45 mm x 60 mm	12 mm	1
0460311	55 mm x 70 mm	12 mm	1
0460312	60 mm x 80 mm	12 mm	1
0460313	70 mm x 90 mm	12 mm	1
0460314	85 mm x 100 mm	12 mm	1
0460315	90 mm x 120 mm	12 mm	1
0460316	110 mm x 140 mm	12 mm	1
0460318	135 mm x 165 mm	12 mm	1



## Flexible screwdriver

Material: steel/plastic

PART NO.	MOQ
0460701	1



### BSI 2-piece bracket and sound-damping rubbers

According to DIN 4109. Bracket with safety closure

Material : steel  
Surface treatment : galvanised  
DIN Standard : DIN 4109



PART NO.	SIZE	THREAD SIZE	MOQ
0329447	12-14 mm	M8/M10	1
0329449	15-19 mm	M8/M10	5
0329450	20-25 mm	M8/M10	5
0329451	26-30 mm	M8/M10	5
0329452	32-36 mm	M8/M10	5
0329453	38-43 mm	M8/M10	5
0329454	47-51 mm	M8/M10	5
0329455	50-54 mm	M8/M10	5
7015284	60-64 mm	M8/M10	1
7018935	63-67 mm	M8/M10	1
0329456	67-73 mm	M8/M10	1
0329457	75-80 mm	M8/M10	1
0329448	87-92 mm	M8/M10	1
0329458	99-105 mm	M8/M10	1
0329459	108-114 mm	M8/M10	1
0329460	125-130 mm	M8/M10	1
0329461	133-141 mm	M8/M10	1
0329462	159-166 mm	M8/M10	1
7015285	193-200 mm	M8/M10	1
0329463	200-220 mm	M8/M10	1



### Woodscrew

Material : steel  
Surface treatment : galvanised

PART NO.	THREAD SIZE	LENGTH	MOQ
0360679	M6	60 mm	10
0360680	M6	90 mm	10
0329470	M8	50 mm	10
0329471	M8	80 mm	1
0360682	M8	80 mm	10
0329472	M8	100 mm	10
0360684	M8	120 mm	10
0360685	M8	150 mm	10
0329475	M10	50 mm	10
0329477	M10	100 mm	10
0329476	M10	80 mm	10



### Pipe bracket

For gas and water pipes.

Material: stainless steel 304



PART NO.	SIZE	THREAD SIZE	MOQ
0329480	12-16 mm	M8	1
0329320	15-19 mm	M8	1
0329321	20-23 mm	M8	1
7006210	25-30 mm	M8/M10	100
0329322	26-28 mm	M8/M10	1
0329323	32-35 mm	M8/M10	1
0329324	40-43 mm	M8/M10	1
0329325	44-49 mm	M8/M10	1
0329326	50-56 mm	M8/M10	1
0329341	57-61 mm	M8/M10	1
0329327	63-67 mm	M8/M10	1
0329328	70-73 mm	M8/M10	1
0329329	74-80 mm	M8/M10	1
0329330	81-86 mm	M8/M10	1
0329331	87-92 mm	M8/M10	1
0329332	95-103 mm	M8/M10	1
0329333	102-116 mm	M8/M10	1
0329335	121-127 mm	M8/M10	1
0329336	133-141 mm	M8/M10	1
0329339	159-168 mm	M8/M10	1
0329340	192-207 mm	M8/M10	1



### SS hanger screw

Material: stainless steel

PART NO.	SIZE	LENGTH	MOQ
0080280	M8	50 mm	10
0080281	M8	80 mm	10
0080282	M8	100 mm	10
0080284	M10	80 mm	10
0080285	M10	100 mm	10

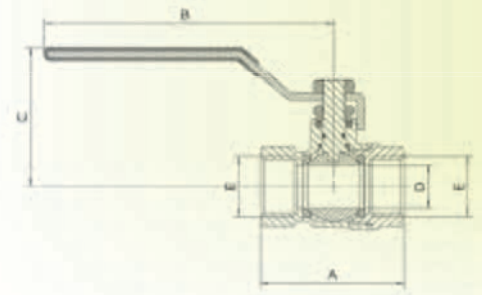
# PIPING SYSTEMS

## Metal Valves and Taps

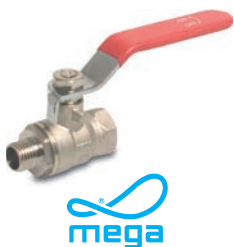


### Mega Ball valve, type 100

Connection : female thread  
 Material : brass  
 Pressure : 25 bar  
 Surface treatment: nickel plated  
 Operation : lever  
 Handle material : steel  
 Handle colour : red  
 Seal material : PTFE

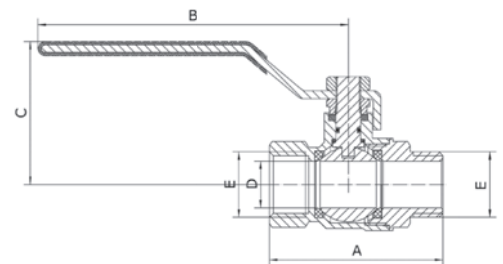


PART NO.	SIZE	A mm	B mm	C mm	D mm	E inch	PACKAGING	
0403000	1/4"	40.5	86	42	9	1/4"	1	216
0403001	3/8"	40.5	86	42	10	3/8"	1	216
0403002	1/2"	48.5	100	46	15	1/2"	1	144
0403003	3/4"	54.5	100	51.5	19	3/4"	1	84
0403004	1"	66	125	54	24	1"	1	48
0403005	1 1/4"	76	140	72	30	1 1/4"	1	32
0403006	1 1/2"	88	140	78	37	1 1/2"	1	24
0403007	2"	98.5	168	90	45	2"	1	16
0403008	2 1/2"	132	226	110	62	2 1/2"	1	4
0403009	3"	154	280	119	74	3"	1	2
0403010	4"	179	280	130	90	4"	1	2



### Mega Ball valve, type 104

Connection : female thread x male thread  
 Material : brass  
 Pressure : 25 bar  
 Surface treatment: nickel plated  
 Operation : lever  
 Handle material : steel  
 Handle colour : red  
 Seal material : PTFE



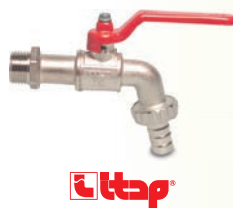
PART NO.	SIZE	A mm	B mm	C mm	D mm	E inch	PACKAGING	
0403015	1/4"	47	86	42	9	1/4"	1	216
0403016	3/8"	47	86	42	10	3/8"	1	216
0403017	1/2"	58	100	46	15	1/2"	1	144
0403018	3/4"	62.5	100	51.5	19	3/4"	1	84
0403019	1"	76	125	54	24	1"	1	48
0403020	1 1/4"	86	140	72	30	1 1/4"	1	32
0403021	1 1/2"	99.5	140	78	37	1 1/2"	1	24
0403022	2"	110.5	168	90	45	2"	1	16
0403023	2 1/2"	146	226	110	62	2 1/2"	1	4
0403024	3"	169	280	119	74	3"	1	2
0403025	4"	198	280	130	90	4"	1	2



### Mega Bib tap, type 120

Connection : male thread x hose tail  
 Material : brass  
 Pressure : 10 bar  
 Surface treatment: nickel-plated  
 Operation : lever  
 Handle material : stainless steel  
 Handle colour : red  
 Seal material : PTFE

PART NO.	SIZE	PACKAGING	
0401295	1/2" x 12 mm	1	100
0401296	3/4" x 19 mm	1	60
0401297	1" x 25 mm	1	40



### Itap Ball bib tap, type K132

Connection : male thread x hose tail  
 Material : brass  
 Pressure : 10 bar  
 Surface treatment: nickel plated  
 Operation : lever  
 Handle material : steel  
 Handle colour : red  
 Seal material : PTFE

PART NO.	SIZE	PACKAGING	
0401453	3/8" x 12 mm	1	120
0401452	1/2" x 12 mm	1	120
0401458	3/4" x 19 mm	1	72
0401459	1" x 25 mm	1	42



### Mega Footvalve spring loaded

Connection : female thread  
 Material : brass  
 Seal material: NBR



PART NO.	SIZE	PRESSURE	MOQ
0404956	3/4"	10 bar	1
0404957	1"	10 bar	1
0404958	1 1/4"	8 bar	1
0404959	1 1/2"	8 bar	1



### Itap Foot valve spring loaded, Europe 105

Connection : female thread  
 Material : brass  
 Seal material: NBR



PART NO.	SIZE	PRESSURE	PACKAGING	
0412100	3/8"	25 bar	1	120
0412101	1/2"	25 bar	1	120
0412102	3/4"	25 bar	1	90
0412103	1"	25 bar	1	60
0412104	1 1/4"	18 bar	1	32
0412105	1 1/2"	18 bar	1	26
0412106	2"	18 bar	1	14
0412107	2 1/2"	12 bar	1	6
0412108	3"	12 bar	1	5
0412109	4"	12 bar	1	3



### Mega Strainer with clip

Connection: male thread  
 Material : stainless steel 304



PART NO.	SIZE	MOQ
0412127	1"	1



## PIPING SYSTEMS

## Metal Valves and Taps



### Non return valve spring loaded, type York

Connection : female thread  
 Material : brass  
 Seal material : NBR  
 Material (valve) : POM  
 Material (spring) : stainless steel 304  
 Max. temp. : 110°C



### Non return valve spring loaded, type Europa

Connection : female thread  
 Material : brass  
 Seal material : NBR  
 Material (valve) : brass/stainless steel  
 Material (spring) : stainless steel 304  
 Max. temp. : 110°C



PART NO.	SIZE	PRESSURE	PACKAGING	
0405009	3/8"	12 bar	1	200
0405012	1/2"	12 bar	1	200
0405018	3/4"	12 bar	1	128
0405025	1"	12 bar	1	88
0405032	1 1/4"	10 bar	1	54
0405040	1 1/2"	10 bar	1	36
0405050	2"	10 bar	1	28
0405063	2 1/2"	8 bar	1	16
0405075	3"	8 bar	1	12
0405099	4"	8 bar	1	7

PART NO.	SIZE	PRESSURE	PACKAGING	
0405105	3/8"	25 bar	1	130
0405106	1/2"	25 bar	1	120
0405107	3/4"	25 bar	1	88
0405108	1"	25 bar	1	54
0405109	1 1/4"	18 bar	1	36
0405110	1 1/2"	18 bar	1	32
0405111	2"	18 bar	1	20
0405112	2 1/2"	12 bar	1	9
0405113	3"	12 bar	1	6
0405114	4"	12 bar	1	4

## Brass Couplings



### Double brass hose tail

Connection: hose tail

Material : brass



PART NO.	SIZE	MOQ
0423850	10 mm	1
0423851	12,5 mm	1
0423860	19 mm x 12 mm	1
0423852	19 mm	10
0423853	25 mm	10
0423854	32 mm	1
0423855	38 mm	1
0423856	50 mm	1



### T-piece 90°

Connection: hose tail

Material : brass



PART NO.	SIZE	MOQ
0423864	19 mm	1



### Hose tail with o-ring

Connection: male thread x hose tail

Material : brass



PART NO.	SIZE	MOQ
0411704	1/2" x 12 mm	1
0411705	3/4" x 12 mm	10
0411706	3/4" x 20 mm	10
0411707	1" x 20 mm	10
0411708	1" x 25 mm	10
0411709	1 1/4" x 25 mm	1
0411710	1 1/4" x 32 mm	1
0411711	1 1/2" x 40 mm	1
0411712	1 1/2" x 32 mm	1



### Hose tail with hex and female thread

Connection: female thread x hose tail

Material : brass



PART NO.	SIZE	MOQ
0411900	1/8" x 8 mm	500
0411901	1/8" x 10 mm	1
0411904	1/4" x 10 mm	1
0411905	1/4" x 13 mm	1
0411909	3/8" x 10 mm	1
0411910	3/8" x 13 mm	1
0411911	1/2" x 10 mm	1
0411912	1/2" x 13 mm	10
0411913	1/2" x 20 mm	1
0411918	3/4" x 20 mm	1
0411919	3/4" x 25 mm	1
0411925	1" x 25 mm	10
0411926	1" x 30 mm	1
0411932	1 1/4" x 32 mm	1
0411938	1 1/2" x 38 mm	1
0411940	1 1/2" x 40 mm	1
0411950	2" x 50 mm	1



# PIPING SYSTEMS



## Hose tail

Connection: male thread x hose tail

Material : brass



PART NO.	SIZE	MOQ
0411800	1/8" x 6 mm	1
0411801	1/8" x 8 mm	1
0411802	1/8" x 10 mm	10
0411806	1/4" x 6 mm	1
0411803	1/4" x 8 mm	1
0411750	1/4" x 10 mm	10
0411804	1/4" x 13 mm	1
0411753	3/8" x 8 mm	1
0411809	3/8" x 10 mm	1
0411755	3/8" x 13 mm	10
0411754	3/8" x 15 mm	1
0411756	1/2" x 8 mm	1
0411811	1/2" x 10 mm	1
0411812	1/2" x 13 mm	10
0411757	1/2" x 16 mm	10
0411813	1/2" x 20 mm	1
0411817	3/4" x 13 mm	1
0411760	3/4" x 16 mm	1
0411818	3/4" x 20 mm	10
0411762	3/4" x 25 mm	10
0411824	1" x 20 mm	10
0411825	1" x 25 mm	10
0411765	1" x 32 mm	1
0411832	1 1/4" x 32 mm	5
7016443	1 1/4" x 38 mm	1
0411771	1 1/4" x 40 mm	1
0411840	1 1/2" x 38 mm	1
0411775	1 1/2" x 50 mm	1
0411850	2" x 50 mm	1
0411777	2" x 60 mm	1
0411863	2 1/2" x 63 mm	1
0411778	2 1/2" x 70 mm	1
0411875	3" x 75 mm	1
0411779	3" x 80 mm	1
0411899	4" x 100 mm	1

# Brass Couplings



## Hose Tail coupler, 3/3

Connection: hose tail

Material : brass



PART NO.	SIZE	TYPE	MOQ
0423330	10 mm	flat seal nut 1/2"	1
0423331	13 mm	flat seal nut 1/2"	1
0423301	13 mm	flat seal nut 3/4"	1
0423302	20 mm	flat seal nut 3/4"	1
0423332	20 mm	flat seal nut 1"	1
0423303	25 mm	flat seal nut 1"	1



## Hose tail, 3/3 with male thread

Connection: male thread x hose tail

Material : brass



PART NO.	SIZE	MOQ
0424572	1/2" x 13 mm	1
0424573	3/4" x 20 mm	1
0424574	1" x 25 mm	1
0424576	1 1/2" x 40 mm	510



## 2/3 Hose Tail, type flat seal

Connection: female threaded nut x hose tail

Material : brass



PART NO.	SIZE	MOQ
0423311	1/2" x 13 mm	1
7012233	3/4" x 13 mm	20000
0423312	3/4" x 20 mm	10
0423313	1" x 25 mm	10
0423314	1 1/4" x 32 mm	1
0423315	1 1/2" x 38 mm	1
0423316	2" x 50 mm	1



**Hose tail, 2/3, type flat seal**  
 Connection: female threaded nut  
 x hose tail  
 Material : brass



PART NO.	SIZE	MOQ
0423340	1/2" x 10 mm	10
0423348	3/4" x 10 mm	1
0423341	3/4" x 13 mm	10
0423346	1" x 13 mm	1
0423342	1" x 20 mm	10
0423343	1 1/4" x 25 mm	1
0423344	1 1/2" x 32 mm	1



**Quick coupler with hose tail**  
 Connection : hose tail  
 Material : brass  
 Coping distance : 40 CD

PART NO.	SIZE	MOQ
0420009	10 mm	10
0420012	13 mm	10
0420016	16 mm	10
0420018	19 mm	10
0420025	25 mm	10
0420032	32 mm	10
0420040	40 mm	10



**Flat seal for suction and pressure coupler**  
 Material: EPDM  
 Colour : black

PART NO.	SUITABLE FOR	MOQ
0451409	suction and pressure coupler	5



**2/3 bend 90°, type flat seal**  
 Connection: female threaded nut  
 x hose tail  
 Material : brass



PART NO.	SIZE	MOQ
0423360	1/2" x 10 mm	1
0423364	1/2" x 13 mm	1
0423361	3/4" x 10 mm	1
0423362	3/4" x 13 mm	10
0423363	1" x 20 mm	1



**Quick coupler**  
 Connection : hose tail  
 Material : brass  
 Coping distance : 40 CD

PART NO.	SIZE	TYPE	MOQ
0420402	13 mm	swivel	1
0420403	19 mm	swivel	1
0420404	25 mm	swivel	1



**Suction and high pressure coupler**  
 Connection : hose tail  
 Material : brass  
 Coping distance : 40 CD

PART NO.	SIZE	TYPE	MOQ
0451405	13 mm	swivel	1
0451406	19 mm	swivel	1
0451407	25 mm	swivel	1
0451408	32 mm	swivel	1

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## Quick coupler with compression coupler

Connection : compression  
Material : brass  
Coping distance : 40 CD

PART NO.	SIZE	MOQ
0420409	12-15 mm	1
0420410	15-19 mm	1



## Quick coupler with long female thread

Connection : long female thread  
Material : brass  
Coping distance : 40 CD

PART NO.	SIZE	MOQ
0420113	1/2"	10
0420119	3/4"	10
0420126	1"	10



## Quick coupler with male thread

Connection : male thread  
Material : brass  
Coping distance : 40 CD

PART NO.	SIZE	MOQ
0420209	3/8"	10
0420212	1/2"	10
0420218	3/4"	10
0420225	1"	10
0420232	1 1/4"	10
0420240	1 1/2"	10

## Brass Couplings



## Quick coupler with female thread

Connection : female thread  
Material : brass  
Coping distance : 40 CD

PART NO.	SIZE	MOQ
0420109	3/8"	10
0420112	1/2"	10
0420118	3/4"	10
0420125	1"	10
0420132	1 1/4"	10
0420140	1 1/2"	1



## Flat seal for quick coupler

Material: rubber

PART NO.	SIZE	THICKNESS	MOQ
0451300	1/2"	1.5 mm	5
0451301	5/8"	1.5 mm	5
0451302	3/4"	2 mm	5
0451303	1"	2 mm	5
0451304	1 1/4"	2 mm	5
0451305	1 1/2"	2 mm	5



## Suction and high pressure coupler

Connection : male thread  
Material : brass  
Coping distance : 40 CD

PART NO.	SIZE	TYPE	MOQ
0451410	3/4"	swivel	1
0451411	1"	swivel	1



### Blind coupler

Material : brass  
Coping distance : 40 CD

PART NO.	MOQ
0420300	10



### 3-way quick coupler

Material : brass  
Coping distance : 40 CD

PART NO.	MOQ
0420519	1



### 3-way manifold

Connection : male thread x  
male thread x  
quick coupler

Material : brass  
Coping distance : 40 CD

PART NO.	SIZE	MOQ
0420517	3/4"	1



### Flat ring

Connection: male thread x  
male thread x  
female thread

PART NO.	SIZE	SUITABLE FOR	MOQ
0411720	18 mm x 13 mm	1/2" female thread	5
0411719	23,5 mm x 13 mm	3/4" female thread	5
0411722	29,5 mm x 20 mm	1" female thread	5
0411724	38,5 mm x 25 mm	1 1/4" female thread	5
0411725	43,5 mm x 33 mm	1 1/2" female thread	5
0411732	55,5 mm x 47,5 mm	2" female thread	5



### Seal for quick coupler

PART NO.	SUITABLE FOR	MATERIAL	COLOUR	MOQ
0420399	all sizes 40 CD	viton	green	10
0420400	all sizes 40 CD	perbunan	black	10
0420401	all sizes 40 CD	NBR	redbrown	5
7019066	all sizes 40 CD	NBR	black	10



### 3-way quick coupler with ball valves

Material : brass  
Coping distance : 40 CD

PART NO.	FEATURE	MOQ
0420535	with 2 valves	1



### 3-way manifold

Connection : male thread x  
male thread x  
female thread



PART NO.	SIZE	MATERIAL	MOQ
0420528	3/4"	nickel	1
0420529	3/4"	brass	1



### Flat seal for suction and pressure coupler

Material: EPDM  
Colour : black

PART NO.	SUITABLE FOR	MOQ
0451409	suction and pressure coupler	5

# PIPING SYSTEMS



**Hydro-S Click coupler**  
 Connection: compression x  
 female click  
 Material : brass



PART NO.	SIZE	MOQ
0500100	12-15 mm	1
0500101	15-19 mm	1



**Hydro-S Click coupler, type with water stop**  
 Connection: compression x  
 female click  
 Material : brass



PART NO.	SIZE	MOQ
0500103	12-15 mm	1
0500104	15-19 mm	1



**Hydro-S Click coupler with male thread**  
 Connection: male thread x  
 female click  
 Material : brass



PART NO.	SIZE	MOQ
0500105	3/4"	1



**Hydro-S Click coupler**  
 Connection: female thread x  
 female click  
 Material : brass



PART NO.	SIZE	MOQ
0550005	3/4"	1



**Hydro-S Connector**  
 Connection: compression  
 Material : brass



PART NO.	SIZE	MOQ
0500106	12-15 mm	1
0500107	15-19 mm	1



**Hydro-S Tap connector with female thread**  
 Connection: female thread x  
 male click  
 Material : brass



PART NO.	SIZE	MOQ
0500108	1/2"	1
0500109	3/4"	1
0500110	1"	1



**Hydro-S Tap connector with male thread**  
 Connection: male thread x  
 male click  
 Material : brass



PART NO.	SIZE	MOQ
0500111	1/2"	1
0500112	3/4"	1



**Hydro-S Connector**  
 Connection: male click  
 Material : brass



PART NO.	MOQ
0500114	1



**Hydro-S 3-way coupler**

Connection: male click  
Material : brass



PART NO.	MOQ
0500115	1



**Hydro-S Swivel union**

Connection: female threaded nut  
x male click  
Material : brass



PART NO.	SIZE	MOQ
0500099	3/4"	1



**Hydro-S 3-way valve with 2 closing levers**

Connection: female thread x male click x male click  
Material : brass



PART NO.	SIZE	MOQ
0500116	3/4"	1



**Hydro-S 3-way valve with 2 closing levers**

Connection: female threaded nut  
x male click x male click  
Material : brass



PART NO.	SIZE	MOQ
0500179	3/4"-1"	1



**Hydro-S 3-way valve, type with 2 closing levers**

Connection: female threaded nut  
x male thread x male thread  
Material : brass



PART NO.	SIZE	MOQ
0500131	3/4"	1

# PIPING SYSTEMS



## Hydro-Fit Click connector

Connection: compression x female click

Material : PVC-U

Colour : grey/green

PART NO.	SIZE	TYPE	MOQ
7008340	12 mm		10
7008343	15-19 mm	blister	24
7008344	15-19 mm		10



## Hydro-Fit Connector

Connection: male thread x female click

Material : plastic

Colour : grey/black

PART NO.	SIZE	MOQ
7010945	3/4"	10



## Hydro-Fit Click connector

Connection: female thread x male click

Material : PVC-U

Colour : grey

PART NO.	SIZE	TYPE	MOQ
7008353	1/2"	blister	24
7008354	1/2"		10
7008359	1"	blister	24
7008360	3/4"		24
7008361	3/4"		10
7010935	1"		1

# Plastic Click Connectors and Sprayers



## Hydro-Fit Click connector with water stop

Connection: compression x female click

Material : PVC-U

Colour : grey/green

PART NO.	SIZE	TYPE	MOQ
7008342	12 mm		10
7008345	15-19 mm	blister	10
7008346	15-19 mm		10



## Hydro-Fit Click connector with waterstop

Connection: female thread x female click

Material : PVC-U

Colour : grey/black

PART NO.	SIZE	TYPE	MOQ
7010936	3/4"	with waterstop	10
7010942	3/4"		1



## Hydro-Fit Click connector with female reducer

Connection: female thread x male click

Material : PVC-U

Colour : grey/green

PART NO.	SIZE	MOQ
7008356	1/2-3/4"	10
7008358	3/4-1"	10



### Hydro-Fit Click connector

Connection: male thread x male click

Material : PVC-U

PART NO.	SIZE	COLOUR	TYPE	MOQ
7012703	1/2"	black		1
7008362	3/4"	grey	blister	24
7008363	3/4"	grey		10



### Hydro-Fit 2-way click connector

Connection: male click

Material : PVC-U

Colour : grey

PART NO.	LABEL	MOQ
7008365		10
7008364	TOC	24



### Hydro-Fit In-line valve

Connection: male click x female thread

Material : PVC-U

Colour : jade green

PART NO.	SIZE	MOQ
0500022	3/4"	1



### Hydro-Fit Distributor

Connection: female threaded nut x male click x male click

Material : PVC-U

Colour : grey/green

PART NO.	SIZE	MOQ
7010939	3/4"	1



### Hydro-Fit Hose connector

Connection: compression

Material : PVC-U

Colour : green/grey

PART NO.	SIZE	TYPE	MOQ
7008350	1/2"		10
7008349	1/2"	blister	24
7008348	3/4"		10
7008347	3/4"	blister	24



### Hydro-Fit 3-way click connector

Connection: male click

Material : PVC-U

Colour : grey

PART NO.	TYPE	MOQ
7008366		1
7010943	blister	24



### Hydro-Fit 3-way Distributor

Connection: female threaded nut x male thread x male thread

Material : PVC-U

Colour : grey

PART NO.	SIZE	TYPE	MOQ
7010938	3/4"		10
7010946	3/4"	blister	1



# PIPING SYSTEMS



## Gilmour udder sprayer

The Gilmour udder sprayers are high quality guns and available with a brass spray nozzle for more heavy duty work

Connection: female thread/click  
Material : plastic  
Colour : red

PART NO.	SIZE	MOQ
1308039	3/4"	1



## RP sprayer

Rotating plastic nozzle with six different spray settings. With a rubber handle.

Connection: female thread/click  
Material : plastic  
Colour : blue

PART NO.	SIZE	MOQ
1301865	3/4"	1



## Alloy spray pistol, type 110

Connection : quick coupler  
Material : aluminium  
Coping distance : 40 CD

PART NO.	SIZE	MOQ
0451010	3/4"	1



## Hydro-Fit Adjustable spray nozzle

Connection: male click  
Material : brass

PART NO.	MOQ
0500117	1

# Plastic Click Connectors and Sprayers



## Sprayer "Gilmour" 571E on cart with hose tail

Connection: female thread/click  
Material : plastic  
Colour : green

PART NO.	SIZE	MOQ
0451704	3/4"	1



## Spray pistol

Connection: female thread/click  
Material : aluminium

PART NO.	MOQ
0500118	1



## Hydro-Fit Adjustable Spray pistol

Connection: female thread/click  
Material : zamac  
Colour : grey/black

PART NO.	MOQ
7008326	1



## Hydro-Fit Spray nozzle

Connection: male click  
Material : plastic  
Colour : grey

PART NO.	LABEL	MOQ
7008338		10
7008337	TOC	10



### Spray head, type 494

Connection: hose tail  
Material : brass

PART NO.	SIZE	MOQ
0450013	13 mm	1



### Adjustable jet spray, heavy version

Connection: female thread  
Material : brass

PART NO.	SIZE	MOQ
0423835	3/4"	1



### Jet nozzle with quick coupler

Connection : quick coupler  
Material : brass  
Coping distance : 40 CD

PART NO.	SIZE	MOQ
0420521	1"	1



### Spray lance, light version

Connection: male thread x female thread  
Material : aluminium

PART NO.	SIZE	LENGTH	MOQ
0451000	3/4"	40 cm	1
0451001	3/4"	60 cm	1
0451002	3/4"	90 cm	1
0451003	3/4"	120 cm	1



### Jet spray, type 120

Connection: hose tail  
Material : brass

PART NO.	SIZE	MOQ
0450012	13 mm	1
0450018	19 mm	1
0450025	25 mm	1



### Jet spray, type 125

Connection : quick coupler  
Material : brass  
Coping distance : 40 CD

PART NO.	SIZE	MOQ
0450112	5 mm	1
0450118	7 mm	1
0450125	8 mm	1



### Spray lance, heavy version

Connection: male thread x female thread  
Material : aluminium

PART NO.	SIZE	LENGTH	MOQ
0451055	3/4"	40 cm	10
0451056	3/4"	60 cm	1
0451057	3/4"	90 cm	1
0451058	3/4"	120 cm	10



### Professional lance

Complete with quick coupler 0420218, valve & seal 0400998 & 1450001 and rose 0451022.

Connection: quick coupler  
Material : aluminium

PART NO.	SIZE	LENGTH	MOQ
0451066	3/4"	60 cm	1
0451067	3/4"	90 cm	1

# PIPING SYSTEMS



### Standard rose, type 114S

Size : 3/4"  
 Connection: female thread  
 Material : aluminium

PART NO.	CAPACITY 1bar	DIAMETER	MODEL	MOQ
0451020	1620 l/h	35 mm	mini	1

# Plastic Click Connectors and Sprayers



### Standard rose, type 113S

Size : 3/4"  
 Connection: female thread  
 Material : aluminium

PART NO.	CAPACITY 1bar	DIAMETER	MODEL	MOQ
0451019	2640 l/h	55 mm	standard	1



### Rose nozzle

Size : 3/4"  
 Connection: female thread  
 Material : aluminium

PART NO.	CAPACITY 1bar	DIAMETER	MODEL	MOQ
0451022	1800 l/h	60 mm	flat	1
0451023	1800 l/h	60 mm	domed	1
0451024	2280 l/h	70 mm	flat	1
0451025	2280 l/h	70 mm	domed	1
0451026	2400 l/h	80 mm	flat	1
0451027	2400 l/h	80 mm	domed	1



### Rose nozzle

Size : 1"  
 Connection: female thread  
 Material : brass

PART NO.	CAPACITY 1bar	DIAMETER	TYPE	MOQ
0451014	2580 l/h	100 mm	117	1
0451015	2700 l/h	150 mm	118	1



### Fan nozzle, type 126

Size : 3/4"  
 Connection: male thread  
 Material : aluminium

PART NO.	CAPACITY 1bar	MOQ
0451012	900 l/h	1



DRIP AND MICRO

OVERHEAD IRRIGATION

VALVES, MEASUREMENT AND EQUIPMENT

CONTROLLERS AND PUMPS

PIPING SYSTEMS

# PIPING SYSTEMS

## Hoses



**Hose hanger**  
Colour: black

PART NO.	MOQ
7020386	1



**Mega Automatic wall hose reel**  
Slow speed retraction  
Replaceable hose  
Colour: green



PART NO.	SIZE	LENGTH	MOQ
7009618	12,5 mm	20 m	1



**Mega Hose, type Megaflex**  
- 3 layers  
- Tricot Trevira Hoechst inlays  
- Cadmium & Barium free  
- UV resistant



Material : PVC  
Colour : yellow  
Max. temp.: 60°C

PART NO.	INNER Ø	PRESSURE	LENGTH	MOQ
0500362	12,5 mm	8 bar	25 m	25
0500364	12,5 mm	8 bar	50 m	50
0500368	15 mm	8 bar	25 m	25
0500370	15 mm	8 bar	50 m	50
0500374	19 mm	6 bar	25 m	25
0500376	19 mm	6 bar	50 m	50
0500379	25 mm	6 bar	25 m	25
0500381	25 mm	6 bar	50 m	50



**Hose**  
Material : PVC  
Colour : yellow  
Max. temp.: 60°C

PART NO.	INNER Ø	PRESSURE	LENGTH	MOQ
0500388	38 mm	6 bar	25 m	25
0500394	50 mm	5 bar	25 m	25
0500395	50 mm	5 bar	50 m	50



**Torsino hose, NTS (No Torsion System)**

Advanced manufacturing provides a knot free kink resistant flexible PVC braided hose.  
- 4 inlays  
- NTS Trevira Hoechst inlays  
- Non toxic  
- Cadmium & barium free  
- UV resistance  
- No algae

Material : PVC  
Colour : yellow  
Max. temp.: 60°C

PART NO.	INNER Ø	PRESSURE	LENGTH	MOQ
0500298	12,5 mm	10 bar	25 m	25
0500300	12,5 mm	10 bar	50 m	50
0500301	12,5 mm	10 bar	100 m	100
0500310	19 mm	8 bar	25 m	25
0500312	19 mm	8 bar	50 m	50
0500313	19 mm	8 bar	100 m	100
0500316	25 mm	7 bar	25 m	25
0500318	25 mm	7 bar	50 m	50
0500319	25 mm	7 bar	100 m	100
0500385	30 mm	6 bar	25 m	25
0500386	30 mm	6 bar	50 m	50



**Hose , type NTS MasterPlus softgrip**

Advanced manufacturing provides a knot free kink resistant flexible PVC braided hose.

- 4 inlays
- NTS Trevira Hoechst inlays
- Non toxic
- Cadmium & barium free
- UV resistance
- No algae

Material : PVC phthlate-free  
 Colour : yellow  
 Max. temp.: 60°C

PART NO.	INNER Ø	PRESSURE	LENGTH	MOQ
7024794	12,5 mm	16 bar	30 m	30
7024795	12,5 mm	16 bar	50 m	50
7024796	15 mm	13 bar	25 m	25
7024797	19 mm	11 bar	25 m	25
7024798	19 mm	11 bar	50 m	50
7024799	25 mm	9 bar	25 m	25
7024800	25 mm	9 bar	50 m	50



**Mega soaker hose**

Porous pipe for irrigating garden flowers and plants, suitable for installing underground.

Flow: 2 ltr/m/h.  
 Pressure: 0.3 - 0.8 bar.

Material: rubber  
 Colour : black



PART NO.	SIZE	CONNECTION	LENGTH	MOQ
0500396	13 mm	male click	15 m	1
0500397	13 mm		25 m	1



**Spray hose**

A fine spray is produced along the entire length. Click connectors allow easy connection to an existing garden hose.

Connection: male click  
 Colour : green

PART NO.	LENGTH	MOQ
0500605	7,5 m	1
0500606	15 m	1

# PIPING SYSTEMS

## Hoses



### Spiral suction hose, Multi-Purpose

This Multi-Purpose hose maintains more flexibility in cold temperatures than GMDS

Material : PVC  
 Colour : bright green  
 Vacuum : 0.65 bar  
 Temperature range: -5°C - 60°C

PART NO.	INNER Ø	OUTER Ø	BENDING RADIUS	PRESSURE	LENGTH	MOQ
0520011	13 mm	17,6 mm	52 mm	10 bar	25 m	25
0520012	13 mm	17,6 mm	52 mm	10 bar	50 m	50
0520017	19 mm	24,8 mm	76 mm	8 bar	25 m	25
0520018	19 mm	24,8 mm	76 mm	8 bar	50 m	50
0520024	25 mm	31,0 mm	100 mm	6 bar	25 m	25
0520025	25 mm	31,0 mm	100 mm	6 bar	50 m	50
0520031	32 mm	38,0 mm	128 mm	6 bar	25 m	25
0520032	32 mm	38,0 mm	128 mm	6 bar	50 m	50
0520037	38 mm	44,6 mm	152 mm	6 bar	25 m	25
0520038	38 mm	44,6 mm	152 mm	6 bar	50 m	50
0520040	40 mm	46,6 mm	160 mm	5,5 bar	50 m	50
0520050	51 mm	58,0 mm	200 mm	5 bar	25 m	25
0520051	51 mm	58,0 mm	200 mm	5 bar	50 m	50
0520060	60 mm	67,2 mm	240 mm	5 bar	50 m	50
0520063	63 mm	70,6 mm	252 mm	5 bar	25 m	25
0520064	63 mm	70,6 mm	252 mm	5 bar	50 m	50
0520075	76 mm	84,4 mm	300 mm	4 bar	25 m	25
0520076	76 mm	84,4 mm	300 mm	4 bar	50 m	50
0520090	90 mm	99,3 mm	375 mm	4 bar	50 m	50
0520098	102 mm	112,0 mm	459 mm	4 bar	25 m	25
0520099	102 mm	112,0 mm	459 mm	4 bar	50 m	50



### Mega Suction and pressure hose, type Heavy-Flex Black

This Multi-Purpose hose maintains more flexibility in cold temperatures than GMDS

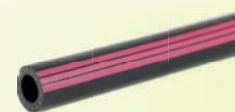
Material : PVC/steel  
 Colour : black/blue  
 Vacuum : 0.9 bar  
 Temperature range: -5°C - 60°C

PART NO.	SIZE	PRESSURE	LENGTH	MOQ
7025527	25 mm	12 bar	50 m	50
7025528	32 mm	12 bar	30 m	30

### Mega Hose, type 5-Star

Mega 5-Star is the best multipurpose rubber hose for all applications in construction and cleaning for the best price quality level on professional bases offered. This hose is the the value for money alternative to the Contitech Trix Rotstrahl and Euro Trix which you can also find in our range.

Material : EPDM  
Colour : black/red  
Bursting pressure : 60 bar  
Temperature range: -30°C - 100°C



mega

PART NO.	INNER Ø	OUTER Ø	WALL THICKNESS	BENDING RADIUS	PRESSURE	LENGTH	MOQ
7019377	13 mm	21,0 mm	4,0 mm	130 mm	20 bar	20 m	20
7019378	13 mm	21,0 mm	4,0 mm	130 mm	20 bar	40 m	40
7019379	13 mm	21,0 mm	4,0 mm	130 mm	20 bar	80 m	80
7019380	19 mm	28,0 mm	4,5 mm	130 mm	20 bar	20 m	20
7019381	19 mm	28,0 mm	4,5 mm	130 mm	20 bar	40 m	40
7019382	19 mm	28,0 mm	4,5 mm	130 mm	20 bar	80 m	80
7019383	25 mm	34,6 mm	4,8 mm	130 mm	20 bar	40 m	40

### Continental Hose, type Euro-Trix

This hose is highly flexible, twist free, robust and easy to handle. Ideal for a wide range of applications in industry, construction, farming and municipal facilities. The hose lining is resistant to hot water and chemicals. The hose cover is resistant to ozone and UV irradiation.

Material : EPDM  
Colour : black/orange  
Bursting pressure : 45 bar  
Temperature range: -20°C - 100°C



Continental

PART NO.	INNER Ø	OUTER Ø	WALL THICKNESS	BENDING RADIUS	PRESSURE	LENGTH	MOQ
7019028	13 mm	20,0 mm	3,5 mm	50 mm	15 bar	40 m	40
7019029	19 mm	27,0 mm	4,0 mm	70 mm	15 bar	40 m	40
7019030	25 mm	34,0 mm	4,5 mm	120 mm	15 bar	40 m	40







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