

**ACCESS**  
Irrigation



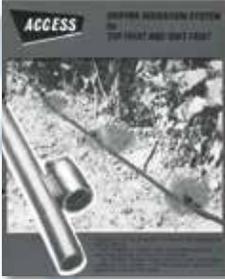
**2021-22**  
**Catalogue**

# The History of Access Irrigation

Access was started in 1958 by Mr Graham Pearce, an industrial chemist who had traded chemistry for the 'good life' running a small market garden in Crick, Northamptonshire. To try and get a better price for his strawberries, he designed an innovative glass and steel cold frame with sliding glass sides for easy access – hence our name Access.



Original cold frames at Crick



Original drip nozzle

The sandy soil at Crick caused low strawberry yields and it was decided to concentrate instead on selling the cold frame. Before the invention of the polytunnel, cold frames were a low cost way of growing under glass. As nurseries and growers began to take up the cold frames with enthusiasm, attention was turned to providing irrigation inside the frames. Unhappy with the nozzles already available, Mr Pearce used his scientific background to design his own.

The invention of the polythene tunnel caused the company to refocus. Cold frames were then targeted at the keen gardener and the irrigation division was formed to supply growers with irrigation – still in its infancy in the UK.

From its horticultural roots, the irrigation division of Access focuses on 3 main areas: horticulture, landscape and more recently green systems including rainwater recycling and green roofs. All systems are designed to the same exacting standards of efficiency and durability as our horticultural irrigation systems.

In 2001 the company launched its highly respected components catalogue, coupling professional quality components with helpful tips and advice.



Our premises on the original site



Green roof system

The Access philosophy, instilled by Mr Pearce in the 1960's, has always been to provide innovative products coupled with good customer service. From advice to supply, Access are able to offer a fast, friendly service backed up by our own specialist design function and dedicated warehouse.

We are here to help.

## Request our Irrigation Guides





## Welcome to our 2021/22 catalogue

Welcome to our latest catalogue, filled with professional quality irrigation components.

### Order ONLINE

Our new website allows you to browse and purchase our entire product range quickly and easily. You can also download relevant PDF information sheets. Items with this logo have bulk pricing online.



### FREE Economy Delivery

For not so urgent orders we can offer a FREE delivery service on orders over £100 in value\*.

### STANDARD Delivery

We deliver fast, as standard, using fully traceable carriers. For landscapers we can even deliver direct to the clients address, allowing work to start as soon as the goods arrive.

### NEXT DAY Delivery

For really urgent orders, we also offer a next day service for items in stock. If necessary, items can be put on an AM delivery\*.

### COMPETITIVE Pricing

Access offer quality irrigation components at competitive prices, so you can always be sure of a good deal – and all backed up by our friendly and knowledgeable sales team!

We look forward to assisting you.



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\* For more information on our free delivery, standard despatch and same day despatch services, see page 52.

# Liquid Feeding

A pressure regulator must be fitted to all systems capable of delivering above the rated pressure. For fertilisers Water Regulations require a double check valve (see p45) in domestic situations or a pump and tank set for commercial use to prevent back-contamination.

## Static Dilutors



**Don't leave partially used feed overnight.**



Fill the Static Dilutor bottle with liquid feed, select the appropriate jet and connect to the water supply. As water passes through the dilutor head it draws up a ratio of liquid feed which mixes with the water. Designed to be filled, put near the tap, and then not moved until it is emptied. **Max operating pressure 2.5 bar.**

Capacity	Flow Rate		Connector Type	Jets Supplied	Code	Price £
	min	max				
9.0L 2 gal	0.3m <sup>3</sup> /h 60 gph	2.3m <sup>3</sup> /h 500 gph	Brass quick connector & 'Geka'	10:1	<b>ADS</b> (normal flow)	<b>66.00</b>
				25:1		
				50:1		
				100:1		

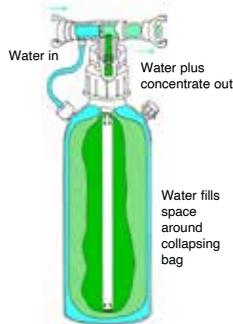
## Mobile Dilutor



The Mobile Dilutor gives extra versatility. The liquid feed is kept inside an inner bag. This has a number of advantages, the unit need only be part filled, it can be moved from tap to tap without disturbing the final dilution rate and it can be left part-filled overnight.

A wider range of chemicals including those of a similar density to water can be used.

The bottle will withstand 4.0 bar pressure and is manufactured from heavy duty polythene.



ADMP

Capacity: 6.5L/1.4 gal.  
'Geka' type connections are supplied as standard.

Pressure	Flow Rate		Jets Supplied	Code	Price £
	min	max			
4.0 bar	0.3m <sup>3</sup> /h 60 gph	3.4m <sup>3</sup> /h 750 gph	100:1 150:1 200:1	<b>ADMP</b>	<b>199.00</b>
Snap connector conversion kit - allows Hozelock type fittings				<b>ADM-FQC</b>	<b>13.00</b>

**The ideal Dilutor where greater sophistication is useful.**

## Dilutor Spares

	ADS	Price £	ADSH	Price £	ADM	Price £	ADMP	Price £
Replacement Bottle *	<b>ADS-BTL</b>	<b>28.00</b>	<b>ADS-BTL</b>	<b>28.00</b>	<b>ADM-BTL</b>	<b>33.00</b>	<b>ADMP-BTL</b>	<b>149.00</b>
Replacement Head and boss *	<b>ADS-HBA</b>	<b>29.00</b>	<b>ADSH-HBA</b>	<b>29.00</b>				
1 downtube and jet pack * (ADM jet pack only)	<b>ADS-JTP</b>	<b>6.00</b>	<b>ADSH-JTP</b>	<b>6.00</b>	<b>ADM-JP</b>	<b>4.00</b>	<b>ADMP-JP</b>	<b>4.00</b>
Replacement head assembly					<b>ADM-HDA</b>	<b>30.00</b>	<b>ADMP-HDA</b>	<b>30.00</b>
Replacement boss and stem					<b>ADM-BSA</b>	<b>30.00</b>	<b>ADMP-BSA</b>	<b>30.00</b>
Replacement inner bag *					<b>ADM-BAG</b>	<b>14.00</b>	<b>ADMP-BAG</b>	<b>14.00</b>
Pressure regulator kit with Gekas (all models) *	<b>AD-PR</b>	<b>28.00</b>	<b>* compatible with post 2005 units</b>					



AD-PR pressure regulator

DATA SHEET ONLINE

## Dosmatic Injectors

An Injector with great all round performance.

- Value for money combined with great reliability
- Easy servicing
- On/Off lever
- Handles a wide range of chemicals
- Easy external ratio adjustment

**Dosmatic's** **3yr** Cover and Body  
*Unique*  
**2yr** Motor  
**1yr** Lower end  
**Warranty**  
Conditions apply please ask for details



## SuperDOS



The SuperDos is the workhorse of the range, handling flows between 34–6800 l/h and **designed for constant use** in industrial or large nurseries.

Proportional chemical injectors are **powered by the flow** and pressure in the water supply, eliminating the need for electrical power. As the flow of water increases, so does the amount of chemical added – ensuring the right amount of chemical or fertiliser is added every time.

The chemical injection ratio can **easily be adjusted** using the ratio guide etched on the base of the unit.

**Operating Pressure:** 0.34 - 6.9 Bar

Model No	Litres / hour	%	Ratio	Fittings	Code	Price £
Minidos	7 - 2,700	0.5 - 2.5	200:1 - 40:1	¾" M	EIDAMD	349.00
A30-2.5	34 - 6,800	0.5 - 2.5	500:1 - 40:1	1" M	EIDA30	419.00

# Nursery

5% off if you order 3 or more kits

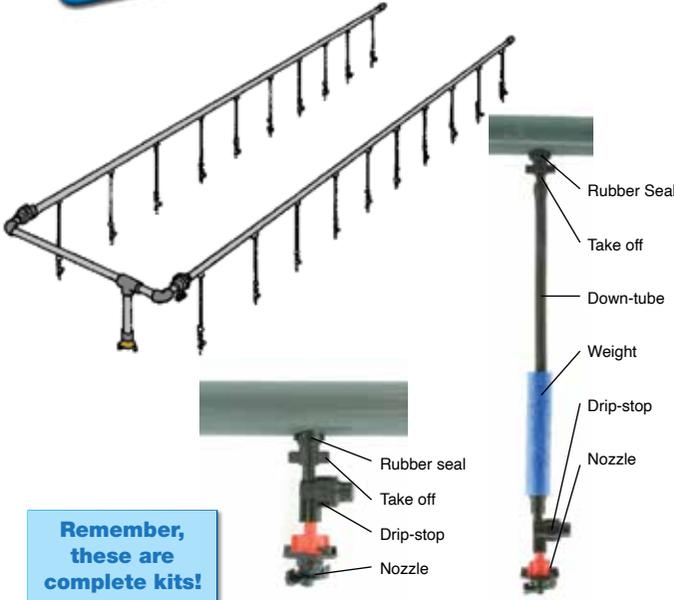
Also supplied: straining wire, wire strainer, suspension straps and glue



The Access Mini-spin nozzle gives a very even level of distribution.

The bridge-less design has a rotating anvil which shatters the water into evenly spread particles. In comparison, the tiniest blemish or build up of lime on a fixed anvil nozzle gives permanently uneven distribution.

The nozzle fits at the end of a flexible dropper tube. In low tunnels the pipe lines can be above head height, yet allow the nozzle to remain at a height to ensure the best distribution pattern without "bounce back". Drip-stop valves are fitted to each nozzle. **Glue included.**

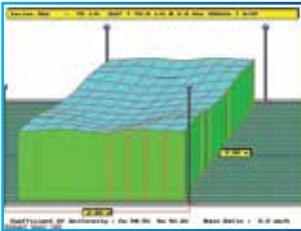


Remember, these are complete kits!

Glasshouses

Tunnels

All designs give high uniformity



When ordering - quote code and length required, e.g. KU3-10

Multi-span Houses Lines can be linked together to a header pipe, with valves or solenoid valves to each line. Contact our sales team.

Spray line length	Tunnel width Price £									Glasshouse width Price £		
	KU3	KU4	KU5	KU6	KU8	KU9	KW4	KW6	KW9			
m	3.0m	4.2m	5.5m	6.4m+7.3m	8.2m	9.1m	4.5m	6.1m	9m			
ft	10'	14'	18'	21'+24'	27'	30'	15'	20'	30'			
10	31	65.00	65.00	144.00	144.00	144.00	144.00	62.00	120.00	120.00		
12.5	41	68.00	68.00	153.00	153.00	153.00	153.00	65.00	128.00	128.00		
15	49	73.00	73.00	187.00	187.00	187.00	187.00	71.00	159.00	159.00		
17.5	57	79.00	79.00	197.00	197.00	197.00	197.00	77.00	169.00	169.00		
20	66	82.00	82.00	205.00	205.00	205.00	205.00	83.00	178.00	178.00		
22.5	74	86.00	86.00	215.00	215.00	215.00	215.00	87.00	186.00	186.00		
25	82	91.00	91.00	224.00	224.00	224.00	224.00	92.00	198.00	198.00		
27.5	90	125.00	125.00	258.00	258.00	258.00	258.00	115.00	224.00	224.00		
30	98	128.00	128.00	267.00	267.00	267.00	267.00	138.00	273.00	273.00		
32.5	107	133.00	133.00	284.00	284.00	284.00	284.00	143.00	293.00	293.00		
35	115	138.00	138.00	307.00	307.00	307.00	307.00	148.00	304.00	304.00		
37.5	123	143.00	143.00	309.00	309.00	309.00	309.00	152.00	318.00	318.00		
40	131	147.00	147.00	351.00	351.00	351.00	351.00	157.00	345.00	345.00		
42.5	139	152.00	152.00	360.00	360.00	360.00	360.00	163.00	355.00	355.00		
45	148	159.00	159.00	369.00	369.00	369.00	369.00	169.00	366.00	366.00		
Water used per 2.5m run		70 l/h	160 l/h	140 l/h	210 l/h	240 l/h	320 l/h	160 l/h	210 l/h	320 l/h		

Supplied with 2.5m lengths of pre-drilled and socketed uPVC pipe, Access Mini-spin nozzles, drip-stop valves, downtubes (tunnels only). Entry 'Geka' hose fitting. Twin lines (3.0m/4.2m/4.5m widths are single line) include linkage pipework and on/off valves to each line. **Fixings supplied:** Wire strainers, straining wire and suspension straps (single line in tunnel has suspension straps to fix to ridge)

For 'Geka' hose tails see p15; Blanking plugs or shut off valves to blank off nozzles see p38

## CNL Drippers

These 'state-of-the-art' drippers are designed for crops such as Strawberries where extremely high uniformity is required. The pressure compensated drippers also have a non-leakage device which 'locks' the dripper at the end of the cycle, preventing water drainage at the end of the cycle and the need to refill at the start of the next cycle.



	HCNL	LCNL
Pressure Range:	1.4 - 4.0 bar	1.0 - 4.0 bar
Max head sustained	0.3 bar	0.15 bar
4 way manifold:	80cm black leads, 'S' stakes	



Dripper only		Pack of 25		Pack of 100	
Output	Type	Code	Price £	Code	Price £
4 l/h	LCNL	D4N-Q	18.00	D4N-H	66.00
6 l/h	HCNL	D6N-Q	17.00	D6N-H	65.00
8.5 l/h	LCNL	D8N-Q	18.00	D8N-H	68.00
4-way manifold		D8N4L-Q	54.00	D8N4L-H	213.00
Single outlet		DNEA-Q	6.50	DNEA-H	26.00

## Netafim PCJ CNL Drippers

- Labyrinth design with maximum filtration area
- Continuously self cleaning dripper
- Silicon injection moulded diaphragm

Drippers are available in two operating pressures, with the HCNL having a higher shut off pressure, making them better suited to sloping sites.

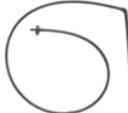
Available as dripper only, or with 50cm or 80cm lead and Prevo 'S' stake.

LCNL operating pressure: 0.7 - 4.0 bar

HCNL operating pressure: 1.5 - 4.0 bar



Single dripper



Dripper with 80cm lead

## Dripper with Shut Off



Ideal where individual drippers need to be shut off. The dripper can either rest on the compost, or can be staked. Pressure Compensated CNL nozzle. Pre-assembled 2 l/h dripper, lead, nipple, cap.



	Qty	Code	Price £
Dripper/Lead/Cap	25	D2ENPA-Q	22.00
	100	D2ENPA-H	86.00
Stake	25	DAP-Q	5.30
	100	DAP-H	20.00

Dripper only		Pack of 25		Pack of 100	
Output	Type	Code	Price £	Code	Price £
1.2 l/h	HCNL	D1PCH-Q	8.50	D1PCH-H	33.00
2 l/h	HCNL	D2PCH-Q	8.50	D2PCH-H	29.00
2 l/h	LCNL	D2PCJ-Q	5.50	D2PCJ-H	20.00

Dripper & Lead			Pack of 25		Pack of 100	
Output	Type	Length	Code	Price £	Code	Price £
1.2 l/h	HCNL	50cm	D1CNHA-Q	11.00	D1CNHA-H	40.00
2 l/h	HCNL	50cm	D2CNHA-Q	11.00	D2CNHA-H	40.00
2 l/h	LCNL	80cm	D2CNJA-Q	11.00	D2CNJA-H	40.00

## Punches



Description	3mm	Price £
Budget Hand Punch	DPB3	6.10
Punch pliers 16/20mm	DPP3	17.00
Punch pliers 25/32mm	DPPL3	19.00

## Flexidrip Nozzles with Stake



Nozzle with stake. 2 l/h @ 1 bar. Needs leads.

The Access Flexidrip nozzle is joined to its stake with a unique 4-way universal joint, providing a strong, snag-free unit.

Qty	Code	Price £
25	D2NSL-Q	13.00
100	D2NSL-H	50.00
500	D2NSL-5H	236.00

## Dripper Leads



5.0mm x 80cm leads can be cut to provide shorter lengths. Use DNIP adaptor to connect to lateral pipe.



Length	Qty	Code	Price £
80cm	25	DL80-Q	4.20
80cm	100	DL80-H	15.00
	25	DNIP-Q	3.20
	100	DNIP-H	11.00

## Ottima PC360

NEW

### Compensated dripper – ideal for larger pots

The Ottima PC360 is a pressure compensated dripper making it ideal for larger pots and planters where more water is required. The Ottima sprays over a wider diameter than a traditional dripper, reducing water run-through on hanging baskets.

Watered area approx. 0.25m diameter.

Flow: 30 l/h. Pressure: 1.5 - 3.0 bar.

Connect onto a 16mm or 20mm supply pipe using small bore pipe – use P13-20M – see p27.

Requires 3mm punch – see p5; for a barbed connector into 16mm or 20mm pipe use DNIP - see page 5.



Qty	Code	Price £
10	DOF30-T	8.00
100	DOF30-H	74.00

## Tree Watering Dripper

NEW



- 8 l/h output for faster watering
- Simply punch dripper into 20mm pipe
- Pressure compensated

Netafim 8 l/h CNL dripper for precise, pressure compensated watering. Simply run a 20mm polythene pipe above the tree pots and punch in the dripper and fit the lead and anchorage stake.

Qty	Code	Price £
25	D8TD-Q	34.00
100	D8TD-H	132.00

## Stock Bed Watering

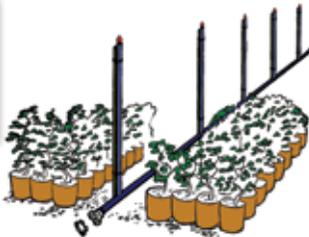
This low cost watering system is ideal for watering large areas economically. Each stake set includes a riser pipe, fittings, sprinkler and straps to fit to the customers own stake (25mm square is ideal).

The medium kit will water an area up to 100m<sup>2</sup> (25m x 4m).

For small bed kits see p18.

### What you get:

- 10 risers 1.2m high
- Sprinklers (3 sets in medium kit)
- 50m of 20mm pipe
- Fittings for end or centre feed
- 'Geka' entry connector



Covers up to 100m<sup>2</sup>

Nozzles	KE070	KES070	KES120
Bed width	2m	3m	4m
Max length	18m	25m	25m

Code	Price £
SKDC	111.00



DATA SHEET ONLINE

# T-tape for Glasshouses



Designed for row crops in tunnels each dripper is just 20cm apart. This low cost, thin wall system is ideal for flower crops and vegetable production.

### Select the parts you need in 4 easy steps:

- Buy one starter pack per system.
- Buy one header pack per bed. Add up the width of all the beds – you will need this much 16mm header pipe.
- Total up how many runs you will have – you will need one entry fitting per row
- Multiply the number or rows you have by their length to give the total meterage of T-tape you need.

Output @ 0.55 bar	5 l/m/h
Operating Pres.	0.3 - 0.7 bar
Maximum length on 0% slope:	50m
Line spacing	0.3-0.45m or one per row
Capillary beds	0.6m

## Pipe Headers

- Starter pack**  
Contains filter, pressure regulator and punch. Includes both 'geka' and snap connectors. Can be fitted to the outlet of a 1/2" tap (this has a 3/4" thread) or can be put in the hose line.
- Header pack**  
Contains fittings to create a header, with 'geka' and snap connectors (p17). Does not include header pipe – use 16mm pipe. This will allow up to 400m of T-Tape to be used per bed.

Description	Code	Price £
Starter Pack	LHPSP	52.00
Header Pack	LHPC16	11.00
16mm x 25m header pipe	PA16-25M	13.00

## Entry Fittings

- One entry fitting required per run. Requires 4mm hole to be punched into the side wall of the header pipe.



Qty	Code	Price £
10	TTE16-T	5.50
100	TTE16-H	48.00

## T-tape for Glasshouses



- 16mm T-tape with 20cm dripper spacing.

Reel Size	Code	Price £
375m	TT10-500-S	99.00
675m	TT06-500-S	99.00

## Punch



	4mm	Code	Price £
Budget Hand Punch		DPB4	7.00
Punch Pliers 16/20mm		DPP4	11.00

## T-tape

One of the most popular drip tapes available in the UK, T-tape is ideal for larger scale field crops.

Tape Marking	Wall thickness	Dripper spacing	Output l/h per 100m	Reel Length	Code ~	Price £
TSX 506	150 micron	20cm	250 l/h	3048m	TT06-250	228.00
		20cm	500 l/h	3048m	TT06-500	228.00
TSX 510	250 micron	20cm	500 l/h	1829m	TT10-500	199.00

Fittings:	Code	Price £
3/4" BSPM	TTK16-3	0.50
16mm poly pipe	TTK16-16	0.40
Joiner	TT16J	0.40



TT16J

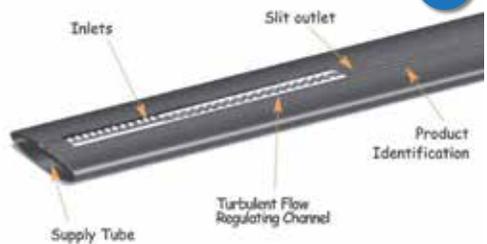


TTK16-3



TTK16-16

Ring to check availability



~ see p52

# Mist Propagation

Mist propagation produces high success rates, even with difficult specimens. Also provide bottom heat – cool tops and warm bottoms produce the best results!



## Mist Wean Controller



- Extremely Reliable Controller
- Wean function built-in
- Easy to programme

The controller features 3 easy to use dials. The 'valve on' dial allows the burst length to be set. The 'delay' dial can either be set to 'off', in which case the mist will burst every time the wet leaf dries out, or it can be set to a minimum delay to allow for weaning. Finally the 'sensitivity' dial adjusts the sensitivity of the wet leaf.

Complete with 2.5m wet leaf, mains plug and cable and solenoid cable.

Code	Price £
MAMWCL	208.00

Polyphosphate filter available for hard water areas (page 9)

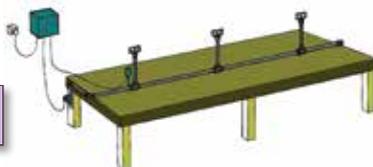
For larger units, Heron panels with multiple wet leaf interfaces are available. Contact our Sales Department.

## Overhead Kit - Single Bench



Twin Bench kits available

## Riser Kit - Single Bench



With Mist Controller, wet leaf, solenoid, wire, wire strainer, support straps, glue and fittings as shown. Bench not included.

With Mist Controller, wet leaf, solenoid, glue and fittings as shown. Bench not included.

Length (m)	1m wide bench	Price £
1	MA1H1	282.00
2	MA1H2	308.00
3	MA1H3	336.00
4	MA1H4	366.00
5	MA1H5	395.00
6	MA1H6	424.00
7	MA1H7	453.00
8	MA1H8	481.00
9	MA1H9	510.00
10	MA1H10	539.00
Extra 1m run	MNH1.0M	31.00

Length (m)	1.5m wide bench	Price £
1.25	MA2H1	280.00
2.50	MA2H2	309.00
3.75	MA2H3	338.00
5.0	MA2H4	369.00
6.25	MA2H5	395.00
7.5	MA2H6	424.00
8.75	MA2H7	454.00
10	MA2H8	482.00
11.25	MA2H9	511.00
12.5	MA2H10	541.00
Extra 1.25m run	MNH1.25M	31.00

Length (m)	1m wide bench	Price £
1	MA1V1	263.00
2	MA1V2	283.00
3	MA1V3	303.00
4	MA1V4	322.00
5	MA1V5	340.00
6	MA1V6	361.00
7	MA1V7	380.00
8	MA1V8	399.00
9	MA1V9	419.00
10	MA1V10	444.00
Extra 1m run	MNV1.0M	22.00

Length (m)	1.5m wide bench	Price £
1.25	MA2V1	264.00
2.50	MA2V2	283.00
3.75	MA2V3	303.00
5.0	MA2V4	322.00
6.25	MA2V5	341.00
7.5	MA2V6	361.00
8.75	MA2V7	380.00
10	MA2V8	399.00
11.25	MA2V9	419.00
12.5	MA2V10	438.00
Extra 1.25m run	MNV1.25M	22.00

DATA SHEET ONLINE

## Polyphosphate Descaler

Limescale is a major problem in irrigation – especially in Mist Propagation units and drippers.

- Simple Cartridge based system
- Mounting bracket and spanner included
- Easy Installation

### How it Works

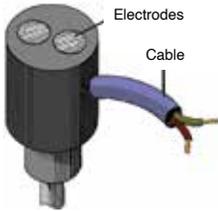
In 'hard water' areas Calcium precipitates out of the water supply causing scale build up on pipe walls, dripper outlets and plant leaves. Traditionally Nitric acid dosing is used to sequester the calcium, requiring large quantities of acid.

The polyphosphate descaler uses small quantities of long chain polyphosphates (derived from phosphoric acid) to act as a 'crystal modifier'. By modifying the crystalline structure these compounds will not precipitate into scale and actually stay in solution. Over time already deposited mineral scale deposits will also dissolve.



	Connection	Code~	Price £
Polyphosphate Descaler	1" F	EFBP	104.00
Spare Polyphosphate cartridge		EFBP-C	46.00
5 micron sediment pre-filter	1" F	EFBS	99.00
Spare sediment cartridge		EFBS-C	40.00

## Wet Leaf



Replacement wet leaf. We recommend replacement every few years.

	Code	Price £
2.5m lead	MWL-2.5M	38.00

Will fit Macpenny wet leaf controllers.

## Access Solenoid Valves 24V AC



- Rating: 3.8W
- Pressure range: 0.5-10 bar
- 3/4" BSPM inlet/outlet
- Fibreglass polyamide body
- 2 mounting pillars for self tapping screws
- Inlet strainer

Code	Price £
ESVA3	20.00

Install vertically, horizontally but not up-side-down!

## Mist Prop Pump and Tank Unit



Designed for mist propagation units where there are frequent starts.

Complete with Cat 5 tank, pump and digital pressure switch for precise control.

Includes Lowara BGM7/A pump.

Inlet: 1/2" BSPM Outlet: 1" BSPF

Code +	Price £
EPTS-PV + EP1BG07	1674.00



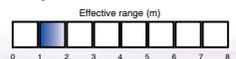
## Amber Mist Nozzle

This nozzle has a 1/2" BSPM thread. Ideal pressure 3.5 bar. For a low pressure option, use Mini-mist nozzles p10.



Output at 3.5 bar	Recommended bed width		1/2" BSPM		
	Size	Risers ▲	Tunnel ▼	Code	Price £
25 l/h	0.6mm	1.0m	1.0m	MA2-24	15.00
46 l/h	0.8mm	1.5m	1.5m	MA2-32	15.00
		Anti drip insert		MAA	10.00

- Stainless steel jet and anvil
- Anti-drip option for upside-down use
- Glass filled nylon frame



~ see p52

# Sprinklers

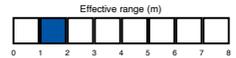
The sprinkler nozzle is the most important part of your system, so we only use top quality nozzles. Unlike old fashioned nozzles, our modern sprinklers have been designed to provide optimum distribution, while keeping precipitation rates low to prevent crop and compost damage.

**Half Circle** This nozzle uses the Eindor taper system, see p38. Ideal working pressure 2-3 bar.



Output at 2 bar	Colour	Bed with Risers ▲	Sprinkler Spacing	Pack of 10		Pack of 100	
				Code	Price £	Code	Price £
40 l/h	Blue	1.0m	1.0m	KEASH40-T	5.20	KEASH40-H	48.00
70 l/h	Black	1.3m	1.5m	KEASH70-T	5.20	KEASH70-H	48.00
90 l/h	Green	2.0m	2.0m	KEASH90-T	5.20	KEASH90-H	48.00

- Fine spray in half circle
- Low cost
- Ideal for narrow display benches

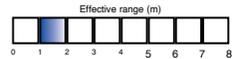


**Mini-mist** This nozzle uses the Eindor taper system, see p38. Ideal pressure 2-4 bar.



Output at 2 bar	Colour	Bed with Risers ▲	Sprinkler Spacing	Pack of 10		Pack of 100	
				Code	Price £	Code	Price £
20 l/h	Green	1.0m	1.0m	KEAF020-T	5.30	KEAF020-H	42.00

- 50-150 micron droplets
- Low cost propagation
- Ideal for cooling

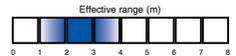


**Vibro-spin** This nozzle uses the Eindor taper system, see p38. Ideal working pressure 2 bar.



Output at 2 bar	Colour	Bed with Risers ▲	Sprinkler Spacing	Pack of 10		Pack of 100	
				Code	Price £	Code	Price £
60 l/h	Grey	1.5m	1.5m	KE060-T	4.80	KE060-H	36.00
70 l/h	Black	2.0m	1.8m	KE070-T	4.80	KE070-H	36.00
105 l/h	Blue	2.5m	2.0m	KE105-T	4.80	KE105-H	36.00

- Self cleaning nozzle
- Rotating anvil evens distribution
- Ideal for plug plants



**Mini-spin** This nozzle uses the Eindor taper system, see p38. Ideal working pressure 2 bar.



Output at 2 bar	Colour	Bed with Risers ▲	Sprinkler Spacing	Pack of 10		Pack of 100	
				Code	Price £	Code	Price £
40 l/h	Silver	2.2m	2.0m	KES040-T	7.90	KES040-H	71.00
70 l/h	Black	3.0m	2.5m	KES070-T	7.90	KES070-H	71.00
105 l/h	Blue	3.2m	2.5m	KES105-T	7.90	KES105-H	71.00
120 l/h	Red	4.0m	3.0m	KES120-T	7.90	KES120-H	71.00

- Twin water jets
- Low water consumption
- Ideal for windy sites



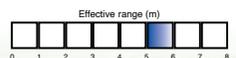
DATA SHEET ONLINE

**Mini-spin Tunnel** This nozzle uses the Eindor taper system, see p38. Ideal working pressure 2 bar.



Output at 2 bar	Colour	Bed with Risers ▼	Sprinkler Spacing	Pack of 10		Pack of 100	
				Code	Price £	Code	Price £
70 l/h	Black	5.0m	2.5m	KESU070-T	7.10	KESU070-H	63.00
105 l/h	Blue	5.2m	2.5m	KESU105-T	7.10	KESU105-H	63.00
120 l/h	Red	5.5m	2.5m	KESU120-T	7.10	KESU120-H	63.00
160 l/h	Brown	5.7m	2.5m	KESU160-T	7.10	KESU160-H	63.00

- Designed for upside-down use
- Low water consumption
- Ideal for tunnel watering



DATA SHEET ONLINE

## Tall Bedding Spike Set



Designed for taller borders, the 1m galvanised steel rods can be pushed into the ground to give a nozzle height of 70 – 80cm.

- 1m small bore connecting pipe.
- Top fitting accepts Eindor taper fittings
- Barbed plunger for polythene pipe – requires 3mm punch – see p5.

Qty	Code	Price £
10	KRGV-T	48.00
100	KRGV-H	333.00

### Bedding Spike



- Use for borders and frames
- Top fitting accepts Eindor taper nozzles
- Barbed plunger for polythene pipe – use punch (p5)



Qty	Height	Code	Price £
10	0.35m	KRBS-T	15.00
100		KRBS-H	110.00

### Stake Riser



- Low cost
- Secures to customers own stake – includes straps
- Top fitting accepts Eindor taper nozzles
- Base has barbed plunger for polythene pipe



Qty	Height	Code	Price £
10	1.2m	KRRS-T	35.00
100		KRRS-H	299.00

### Spiked Riser



- Use on grass or soil
- Connect hose with 'Geka' hosetails or plastic Quick Connector
- 3/4" BSPM sprinkler fitting
- Includes adaptor for Eindor taper nozzles



	Height	Code	Price £
'Geka' fittings	0.7m	KRST0.5	21.00
QC inlet	0.7m	KRST0.5Q	15.00

## Small Shrub Head

This nozzle has a 1/2" BSPF thread. Ideal pressure 2.8 bar

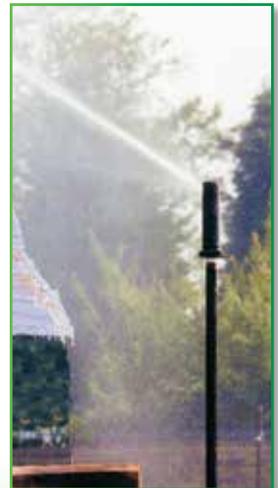
DATA SHEET ONLINE



Output	Material	Maximum radius	Code	Price £
150 - 1200 l/h	Plastic	4.6 - 11.3m	KHPGJ-SH	15.00

Adjustable Arc

Output			
Nozzle	Bars	Radius	m <sup>2</sup> /hr
0.75	2.8	4.9	0.17
1.0	2.8	5.8	0.23
1.5	2.8	6.7	0.34
2.0	2.8	7.6	0.45
2.5	2.8	8.5	0.57
3.0	2.8	9.4	0.68
4.0	2.8	10.4	0.91
5.0	2.8	11.3	1.14



## Large Shrub Head

This nozzle has a 3/4" BSPF thread. Ideal pressure 2.0 - 4.0 bar



Output	Material	Maximum radius	Code	Price £
110 - 3270 l/h	Plastic	8.5 - 15.8m	KHPGS	15.00

Adjustable Arc

Output @ 3.5 bar		
Nozzle	Radius	m <sup>2</sup> /hr
1.5	9.8m	0.38
2.0	10.4m	0.47
2.5	10.7m	0.58
3.0	11.9m	0.74
4.0	12.2m	0.97
5.0	12.8m	1.24
6.0	13.1m	1.47
8.0	13.7m	1.95



## Naan 501

DATA SHEET ONLINE



This nozzle has a 1/2" BSPF thread

- Low precipitation rate
- Turbo hammer operation
- Low cost

	Blue	Brown
Spacing (m)	4 x 4	6 x 6
	4 x 6	6 x 8
	6 x 6	8 x 8
	6 x 8*	8 x 10*
	8 x 8*	10 x 10*
Output @ 2 bar	180 l/h	275 l/h
Pressure Range	1.5 - 3 bar	1.5 - 3 bar
Diameter	14.5 - 15m	12 - 14m
Code	KN5-200	KN5-300
Price £	8.00	6.60

## Naan 5022U

DATA SHEET ONLINE



- Low precipitation rate
- Wide spacings
- Unique nozzle design for higher uniformity

This nozzle has a 1/2" BSPM thread

Great coverage at a low flow

Spacing (m)	9 x 10
	10 x 10
	9 x 12
	10 x 12*
	12 x 12*
Output @ 2.5 bar	350 l/h
Pressure Range	2 - 4 bar
Diameter	19m
Code	KN52-360
Price £	10.00

## Naan Adjustable

DATA SHEET ONLINE



These nozzles have a 1/2" BSPM thread



- Plastic or metal body
- Part or full circle
- Adjustable height and range
- Diffuser pin

	Plastic	Plastic	Metal
Spacing (m)	8 x 10	8 x 10	8 x 10
	10 x 10	10 x 10	10 x 10
		10 x 12*	10 x 12*
		12 x 12*	12 x 12*
	Output @ 2.5 bar	450 l/h	850 l/h
Pressure Range	1.5 - 4 bar	1.5 - 4 bar	1.5 - 4 bar
Diameter	21 - 24m	21 - 26m	23 - 28m
Code	KNPC-500	KNPC-940	KNPCM-940
Price £	9.00	9.00	18.00

\*at higher pressure

## Adaptors



A

B

C

Adaptor	Riser	Sprinkler	Code	Price £
A	3/4" BSPM	1/2" BSPF	FPTI2-3	0.70
B	1/2" BSPM	1/2" BSPM	FPTS2	0.50
C	3/4" BSPM	1/2" BSPM	FPTS3-2	0.90





## Large Spiked Riser

- Use on grass or soil
- Includes 'Geka' fittings
- Connect hose with 'Geka' hose tails
- ½" BSPM thread
- Available with or without nozzle



Nozzle	Height	Code	Price £
—	1.06M	KRLS	46.00
Naan 501	1.06M	KRLS-N	51.00

Heavy Duty

## Cross Base Riser

- Use on hard standings
- Includes 'Geka' fittings
- Connect hose with 'Geka' hose tails
  - ½" BSPM thread
  - Available with or without nozzle



Nozzle	Height	Code	Price £
—	1.06M	KRLX	44.00
Naan 501	1.06M	KRLX-N	49.00

Heavy Duty

## Sled Riser

TRIPOD RISER ONLINE

- Use on concrete or soil
- Includes 'Geka' fittings
- Connect hose with 'Geka' hose tails
- ¾" BSPM thread
- Available with or without nozzle



Nozzle	Height	Code	Price £
—	0.36m	KRDT	49.00
Naan 501	0.36m	KRDT-N	54.00

## Spike with Sprinkler



- Metal spike for turf standing with ½" BSPF top thread
- Snap connector fitting
- Can be 'daisy chained'
- Available with or without sprinkler nozzle (6.4m radius)

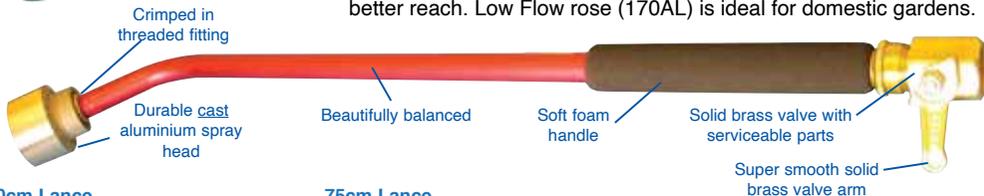


Nozzle	Code	Price £
—	KR004	7.60
RN200	KRST2K	19.00

# Hand Watering

## Professional Watering Lance

The best watering lance we have come across, this beautifully balanced US manufactured lance has a solid brass on/off valve with a smooth valve action. Now available as a 75cm lance for better reach. Low Flow rose (170AL) is ideal for domestic gardens.



### 60cm Lance

Rose	Fitting	Code	Price £
400AL	Quick Conn	ELANCE60DQ	58.00
400AL	'Geka' type	ELANCE60DG	58.00
170AL	Quick Conn	ELANCE60DQS	52.00

### 75cm Lance

Rose	Fitting	Code	Price £
400AL	Quick Conn	ELANCE75DQ	68.00
400AL	'Geka' type	ELANCE75DG	68.00
170AL	Quick Conn	ELANCE75DQS	61.00

## Professional Watering Roses



1. 400 Water Breaker  
42 l/min @ 2.7 bar.



2. 170 Water Breaker 26 l/min  
@ 2.7 bar. Low Flow rose – ideal  
for domestic gardens.



3. Seedling nozzle with micro  
holes. Needs filter.  
34 l/min @ 2.7 bar.

No	Item	Code	Price £
1	400AL	EHPRA	24.00
2	170AL	EHPRB	16.00
3	1000PL	EHPRC	18.00
	Filter	EHPRD	23.00

## Metal Spray Gun

8 function spray gun with brass quick connector.

- Mist • Full • Cone
  - Shower • Angle
  - Flat • Soaker • Jet
- Protect from frost.



	Code	Price £
Metal spray gun	EHGUN	19.00

## Geka "Softrain" Lance

Comes complete with metal valve and large alloy rose with 'Geka' fitting.



Length	Code	Price £
40cm	ELANCE40	35.00
60cm	ELANCE60	37.00
90cm	ELANCE90	39.00

To use with hose Quick Connectors, replace the 'Geka' with an FQCBM3 (page 17)

## Geka Watering Roses



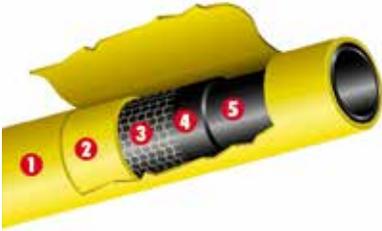
No.	Rose	Code	Price £
1	Large Alloy	EHRAR	10.00
2	Small Alloy	EHRAS	15.00
3	Spare Metal Tap	EVL3MF	9.20



## Tricoflex Hose



20 Year Guarantee



- 1 Outer layer is both U.V. and abrasion resistant
- 2 Yellow colour for easy visibility
- 3 Knitted reinforcement combines pressure resistance with excellent handling characteristics
- 4 Multi-layer construction ensures superb kink resistance
- 5 Smooth inner layer ensures optimum water flow and restricts algae growth.



Size ID	25m Coil		50m Coil		100m Coil	
	Code	Price £	Code	Price £	Code	Price £
1/2"	PHT2-25M	32.00	PHT2-50M	64.00	PHT2-100M	128.00
3/4"	PHT3-25M	55.00	PHT3-50M	111.00	PHT3-100M	222.00
1"	PHT4-25M	85.00	PHT4-50M	169.00	PHT4-100M	340.00

## Brass Hose Couplers



Hose couplers allow the permanent connection of hosepipe onto threaded fittings. Requires a hose clip. Female fitting includes leather seal.

Hose-Thread	Code	Price £
3/4" - 1" Male	FHB3-4	7.10
1" - 1" Male	FHB4-4	8.00
3/4" - 3/4" Female	FHB3-3F	3.70
3/4" - 1" Female	FHB3-4F	7.90
1" - 1" Female	FHB4-4F	5.00

## 'Geka' Type Hose Fittings

Uncouples with a 1/4 turn. Allows different size hoses to be joined.



### Male BSPM



Qty	Code	Price £
1/2"	FGBM2	2.70
3/4"	FGBM3	2.90
1"	FGBM4	3.10

### Female BSPM



7/8" to fit outlet of 3/4" Bib tap ETB3

Qty	Code	Price £
1/2"	FGBF2	2.80
3/4"	FGBF3	2.80
7/8"	FGBF78	9.00
1"	FGBF4	2.90

### Hosetail



The easy fit 'geka' on p22 saves scraping your knuckles on a hose clip!

Qty	Code	Price £
1/2"	FGBH2	2.80
3/4"	FGBH3	3.00
1"	FGBH4	3.60

## Spare Seals

Pack of 10 in re-sealable bag



Code	Price £
FGRS-1	3.80

## Blanking Cap



Code	Price £
FGBSE	2.90

## 'Y' Piece



Code	Price £
FGBY	14.00

## Hose Clips



Zinc plated. Genuine Jubilee hose clips - beware of cheap imitations!

Range	Hose Size	Code	Price £
13-20mm	1/2"	FHC2	0.90
17-25mm	3/4"	FHC3	1.00
25-35mm	1"	FHC4	1.10
35-50mm	1 1/4" - 1 1/2"	FHC6	1.20
50-70mm	2"	FHC8	1.30

~ see p52

## Hose Trolleys



1 Bolted steel frame with solid tyres.  
Light duty – ideal for gardens.



2 Welded steel frame with solid tyres.  
Medium duty - not suitable for sports use.



3 Welded steel frame with pneumatic tyres.  
Heavy duty – ideal for sports and nursery use.



4 Welded steel frame



5 Swivel

No.	Capacity (m)			Connector	Code ~	Price £
	½"	¾"	1"			
1	100			QC	<a href="#">EHRC2</a>	121.00
2	50			¾" hose	<a href="#">EHRC3</a>	177.00
3a		80	45	'Geka'	<a href="#">EHRC4S</a>	364.00
3b		120	70	'Geka'	<a href="#">EHRC4</a>	429.00
3c		150	100	'Geka'	<a href="#">EHRC4L</a>	499.00
4a	50	40		½"	<a href="#">EHRWS2</a>	134.00
4b	100	70		½"	<a href="#">EHRWL2</a>	183.00
5	50	40		½"	<a href="#">EHRWSV</a>	164.00

4 Welded steel frame

5 Welded steel frame with swivel arm

## Hose Hanger

Keep your hose tidy with this heavy duty professional hose hanger

Has 3 fixing holes to secure to the wall.

Takes 100m ½" hose or 50m ¾" hose.



Code	Price £
EHHH	43.00

Top quality Italian fittings

## Manifolds

### 2 Way Manifold



- Built in taps
- Teflon seals
- Protect from frost

	Code	Price £
¾" M threads	ET2M3	26.00
Quick connector	ET2MQ	22.00

### 3 Way Manifold



- Built in taps, ¾" M threaded outlet.
- Teflon seals
- Protect from frost

Screws onto standard outside taps to give 2 or 3 outlets

Code	Price £
ET3M3	39.00

## Brass Quick Connectors Compatible with plastic systems

### Tap Connector



¾" F for ½" tap.

Code	Price £
FQCBT3	3.00

### Male Adaptor



½" or ¾" male thread.

	Code	Price £
½"	FQCBM2	3.00
¾"	FQCBM3	3.00

### ¾" Male Adaptor



Connector with ¾" male thread. Snaps on to Tap connector etc.

Code	Price £
FQCBS3	8.80

### Hose Connector



For ½" and ¾" hose. Snaps on to Tap connector etc.

	Code	Price £
½"	FQCBH2	7.80
¾"	FQCBH3	9.50

### Shut off Connector



For ½" hose. Shuts off when disconnected.

	Code	Price £
½"	FQCBH2S	9.60

### Hose-Hose Connector



For ½" and ¾" hose. Joins 2 hoses.

	Code	Price £
½"	FQCBJ2	6.60
¾"	FQCBJ3	8.30

### Revolving Elbow



¾" female thread.

Code	Price £
FQCE3	9.40

### Easy-fit 'Geka' Hosetail



For ½" and ¾" hose. Easier to fit than a traditional 'Geka' hosetail.

	Code	Price £
½"	FQCBG2	7.50
¾"	FQCBG3	8.40

### Barbed Hose Connector



Allows permanent connection of ½" and ¾" hoses - use Jubilee clip - page 15.

Code	Price £
FQCBG3	10.00

### Hose Coupler



Joins 2 hose connectors.

Code	Price £
FQCBK3	3.60

### Replacement Seals



Replaces male sealing ring. Pack of 10.

Code	Price £
FQCRS-T	4.20

Here is a "snap on" / "snap off" system. We use tough brass quick release connectors, much tougher than domestic plastic fittings - and are fully compatible. It is easy to connect together and there are no "horrid" hose clips! 

# Landscape

Irrigation is vital if plants are to establish quickly, especially when conditions are warm and dry. Irrigation also ensures newly planted specimens have a far better chance of survival, and that plants and lawns in high traffic areas are able to recover. As well as the components and kits available in this section, Access produce a companion catalogue – the ‘Landscape Pocket Guide’ which includes sample irrigation designs for small to medium sized landscape projects. For larger projects, Access also have an experienced design department.



## Border Watering Kit



Keep precious plants watered even in hot, dry spells with this border sprinkler kit.

The system consists of a black pipe running the length of the border, with spiked risers fitted as required.

Each riser has a choice of nozzle to suit the border width. Branching tees and elbows are included. Connect to an outdoor tap or a garden hose. Simple to install. Needs punch, see p5.

- What you get:**
- 10 sprinkler risers
  - 50m pipe (20mm)
  - Tap connector
  - Fittings
  - 10 large sprinklers
  - 10 medium sprinklers
  - 10 half-circle nozzles



**Covers up to 75m<sup>2</sup> (25m x 3m wide)**

Code	Price £
SBW	103.00

Nozzle	KES040	KES070	KEASH40
Bed width	2.0m	3.0m	1.0m
Sprinkler Spacing	2.0m	2.5m	1.8m

## Small Border Watering Kit



For smaller gardens this kit will water an entire border with water efficient sprinklers.

The system consists of a black pipe running the length of the border with spiked risers fitted every 2m.

Branching tees and elbows are included. Connect to an outdoor tap or garden hose. Simple to install. Needs punch, see p5.

- What you get:**
- 10 sprinkler risers
  - 25m pipe (16mm)
  - Tap connector
  - Fittings
  - Medium Sprinklers (KES040)

**Covers up to 40m<sup>2</sup> (20m x 2m wide)**

Code	Price £
SBW25	57.00



## Components

Installing large numbers of systems? Then buy in Bulk!				
	10 Pack	Price £	100 Pack	Price £
Stake Sets	KRBS-T	15.00	KRBS-H	110.00
Stake only	KESL-T	5.90	KESL-H	54.00
Head only	KEH-T	1.70	KEH-H	16.00
1m lead	L42-1.0-T	8.20	L42-1.0-H	76.00
Pipe Plunger	KEP-T	1.50	KEP-H	11.00

For Pipe see page 40; for barbed fittings see page 41.

Alternative nozzles are available on page 10.

## Small Border Watering Kit



- Gentle spray
- Simply installs at the front of the border
- Can be automated

Designed to water a border up to 3m deep from the front, the kit is ideal for more established borders. The system uses sprinklers on small metal spikes up to 3m apart. 16mm black polythene pipe runs along the front edge of the border.

The sprinkler nozzles provide a very fine spray, so delicate plants are not damaged.

Connects to a garden hose or a tap. Minimum pressure: 2.1 bar. Requires DB valve (p27) to comply with domestic water regulations.



Code	Price £
SBMP4	146.00

### What you get:

- 25m pipe (16mm)
- Tap connector
- Fittings
- 4 sprinklers on metal spikes

Covers up to 30m<sup>2</sup>  
(12.5m x 2.5m wide)

## Popup Border Sprinkler Kit



- Gentle spray on 300mm riser
- No pipework visible
- Can be automated

Designed to water a border up to 3m deep from the front, the system uses pop-up sprinklers that **rise 300mm out of the ground** when watering. A single trench along the front of the bed contains all of the pipe and the sprinklers, eliminating unsightly pipework on the bed.

The sprinkler nozzles provide a very fine spray, so delicate plants are not damaged.

Fits to a garden hose, a tap or an underground valve box (p23). Minimum pressure: 2.1 bar. Requires DB valve (p27) to comply with domestic water regulations.



Code	Price £
SBMP5	234.00

Covers up to 37m<sup>2</sup>  
(15m x 2.5m wide)

### What you get:

- 25m pipe (20mm)
- Tap connector
- Fittings
- 5 sprinklers on 12" pop-up bodies



## Border Drip Kit



Covers up to 60m<sup>2</sup>



### What you get:

Small	Large	
25m	100m	Drip Line
25	100	Anchorage pegs
1	1	Barbed fittings pack
1	1	Inlet filter
1	1	Hose connector
1	1	Tap connector

	Covers	Code	Price £
Small	15m <sup>2</sup>	SPBK25	39.00
Large	60m <sup>2</sup>	SPBK	114.00

Drip irrigation is the most efficient and unobtrusive way of watering beds, with water dripping directly into the soil. The drip line is brown to make it as unobtrusive as possible, although it can be covered with a mulch to make it invisible.

The Permadrip drip line is made from a thick walled polythene pipe with commercial grade pressure compensated drippers spaced every 0.5m for even coverage. Simple to install.

The kit can either be connected directly to an outdoor tap, or can be connected to a hose with a standard quick connector. Requires DB valve (p27) to comply with domestic water regulations.

## Hedge Drip Kit



- Speed up establishment for faster screening
- Reduces plant losses
- Can be automated

Using thick walled commercial grade dripline with drippers every 0.3m, this package is ideal for watering hedge lines to speed up establishment and reduce plant losses.

A single line of dripline is needed down each hedge run.

The kit can either be connected directly to an outdoor tap, or can be connected to a hose with a standard quick connector. Requires DB valve (p27) to comply with domestic water regulations.

### What you get:

Small	Large	
25m	100m	Drip Line
25	100	Anchorage pegs
1	1	Inlet filter
1	1	Hose connector
1	1	Tap connector

## Dripline Starter Pack



Allows dripline to be easily connected to an outside tap or to a hose using a snap connector. For beds supplied using underground pipe, the threaded fitting can be connected to a compression fitting. The kit also includes a stop end connector and a straight connector in case plain pipe (see p40) is being used to connect from the tap to the border



Code	Price £
FBSP16	5.90

## Anchorage Pegs

Fit every 0.5 - 1.0m to hold the drip line down. Fits 16/20mm.

**Sturdy barbed pegs for more grip**



Qty	Code	Price £
25	ESS16-Q	8.00
100	ESS16-H	27.00
800	ESS16-BH	199.00



# Permadrip Pro



**1.2mm  
PIPE  
WALL**



## Your Questions Answered

### How far apart do I space Permadrip?

Space runs 0.6m apart. Use the 0.3m spacing Permadrip for providing extra water around trees. Bending radius, 18cm.

### How much do I need?

Work out the area of the beds (in m<sup>2</sup>) and double. This is how many metres of 0.5m spaced Permadrip you need.

### How much can I use?

It depends on your water supply. Measure your supply in l/hr (see p37). Divide this by 3.2 for 0.5m spacing (5.3 for 0.3m spacing) this is how many metres you can run at a time.

### What about Water Regulations?

For house gardens you can run Permadrip on the surface if you add a DB valve. See p27.

### How long should I run it for?

Approximately 30 mins per day in dry weather or one hour three times a week.

Operating range: 0.8-3.5 bar  
 Nozzle Output: 1.6 l/h  
 Maximum length (0.5m): 165m  
 Recommended Filter: 0.13mm

## Easy Installation

### At last – a really simple dripper system

- The most efficient way to water
- Anti-siphon design resists clogging
- Brown to blend in
- Pressure compensated – ideal for long runs
- Thick walled for durability



Measure bed



Lay and peg



Connect up



Connect to tap



For Barbed Fittings see p41



Length	Spacing	Code	Price £
25m	0.15m	TNT0.15-Q	44.00
100m	0.15m	TNT0.15-H	155.00
25m	0.30m	TNT0.3-Q	26.00
100m	0.30m	TNT0.3-H	88.00
25m	0.50m	TNT0.5-Q	24.00
100m	0.50m	TNT0.5-H	78.00



0.5m spacing for borders



0.3m spacing for hedge runs



0.15m spacing for green roofs and tree pits

## Small Temporary Lawn Kit



**Covers up to 100m<sup>2</sup>**  
(15.8m x 6.4m)

- Temporary system for smaller lawns
- Designed with professional sprinklers
- Easy to put out and take away

Using metal spiked risers for the lawn topped with professional quality sprinkler nozzles from Hunter and commercial grade 1/2" hose, this kit quickly and easily connects together to water the lawn, either during establishment or during hot, dry spells.

If the system is run for 4 hours at night it will gently put the equivalent of 1 weeks worth of rain down on the lawn – a timer will automate this.

Includes 3 risers with nozzles, 25m professional grade hose, quick connectors and tap fittings.

Code	Price £
SLMP3	157.00

### What you get:

- 3 sprinklers
- 25m 1/2" hose
- Fittings
- Tap connector



## Temporary Lawn Watering Kit



**5 RISER KIT AVAILABLE ONLINE**



### Laid a new lawn?

Use this system to help it establish. Add an automatic controller for fully automatic operation.

Includes 3 risers, each with a sprinkler that covers 10m diameter, 25m of hose and all fittings required.

Code	Price £
STLW	271.00

**Covers up to 250m<sup>2</sup>**  
(25m x 10m wide)

### What you get:

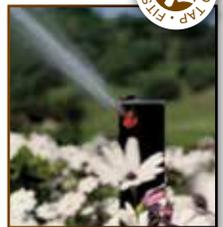
- 3 risers and sprinklers
- 25m 3/4" hose
- Fittings
- Tap connector

## Lawn Watering Kit



**OTHER SIZE KITS AVAILABLE ONLINE**

Code	Price £
SLW3	91.00



**Covers up to 250m<sup>2</sup>**  
(25m x 10m wide)

### What you get:

- 25m pipe (20mm)
- Tap connector
- Fittings
- 3 pop-up sprinklers with interchangeable nozzles

Nothing looks better than a well watered lawn, and this pop-up sprinkler kit makes installation very easy.

3 pop-ups are included, each one can have its radius adjusted between 4.9m and 9.1m, and its arc adjusted between 40° and 360°. 25m of pipe and all fittings are included, as is a tap connector.

*Note: Water Regulations require pop-up sprinklers in commercial premises to be protected by a break tank. For home gardens, check with your water supplier.*

## Underground Valve Boxes



For a neater installation, hide all of the control valves underground.

For warning label see page 44.

	Battery	Price £	Mains	Price £
2 zone	EPAV02	145.00	EPAB02	112.00
4 zone	EPAV04	233.00	EPAB04	164.00
DB option	EPAVDB	204.00	EPABDB	170.00

### 3 Simple Steps

#### 1 Select Valve Chambers

Choose one or more valve boxes to bring water to the various areas of the garden. If you are having a battery powered controller, choose a battery valve box.

#### 2 Choose Controller

Choose mains or battery powered controller to suit your needs.

#### 3 Select Cable

If the controller is remote from the valve box, measure how much cable is needed to run from the controller location to the valve boxes.

**Controller not included - see pages 28-29**

## Tap Link Kit for Valve Boxes

The kit consists of a 2-way brass manifold that screws onto the outdoor tap – allowing the tap to still be used for filling a watering can or connecting a hose. On the other outlet of the manifold 25m of underground pipe runs from the tap position to the valve box.

**Tap and backplate are not included.**



Pipe Size	Code	Price £
20mm x 25m	STK20	59.00

## Border Link Kit

The Border Link Kit allows up to 4 separate beds to linked back to either a valve box or an outside tap using underground pipe. The kit can supply water to either border drip kits or border sprinkler kits. By linking the beds together underground the irrigation system becomes much less obtrusive and is easier to automate.

The kit consists of 25m of underground supply pipe, 4 take off points (one for each bed) and connections for either a standard garden tap or to an underground valve box.



Code	Price £
SLK4	49.00

## Tap Manifold



A simple way of fitting manifolds to the tap, kits will suit battery operated controllers or mains powered controllers. Includes valves and link pipe but not tap or controller. DB valve option provides compliance with the Water Regulations for dripline in house gardens.

Inlet: 3/4" F

Outlet: 3/4" M or 1" F

**Controller not included - see pages 28-29**

Controller Type	Zones	Code	Price £
Battery	2 zone	EPAG02	110.00
	4 zone	EPAG04	187.00
	DB Valve	EPAGDB	148.00
Mains	2 zone	EPAT02	81.00
	4 zone	EPAT04	129.00
	DB Valve	EPATDB	134.00

# Rotator Sprinklers



- Matched Precipitation
- NEW side strip
- Water efficient



1/2" BSPF thread

Water efficient sprinklers with 'matched precipitation' which allows different nozzles and arcs to be used on the same zone while maintaining uniformity. If there is sufficient flow and pressure, in 'home gardens' the sprinklers can be connected using a 'DB' valve (page 27).

The new 'Pro' body has a heavy duty spring, a check valve and 5 year warranty. The sprinkler is regulated to 2.8 bar pressure.

	Code	Price £
4" Pop up only	<b>KHPPR</b>	<b>2.30</b>
Box of 10 sprinklers	<b>KHPPRBX</b>	<b>19.00</b>
4" Pro body (2.8 bar regulated)	<b>KHPPH</b>	<b>9.70</b>
Box of 10 sprinklers	<b>KHPPHBX</b>	<b>74.00</b>
12" Pop up only	<b>KHPPR-12</b>	<b>15.00</b>

# Hunter MP Rotator Nozzles



The original MP Rotator nozzle, manufactured by one of the leading sprinkler manufacturers in the world, this range offers unrivalled options in terms of arc and radius adjustment.

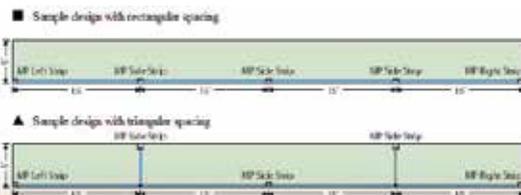
All stated radii can be reduced by up to 25% using the nozzle key.

Radius	Radius @ 2.8 bar	Arc	Colour	Code	Price £	
1.8-2.7m	2.4m	100 l/h (180°)	90° - 210° 360°	Orange / Grey	<b>KHMP8A</b>	<b>9.00</b>
		180 l/h (360°)		Lime Green	<b>KHMP8C</b>	<b>9.00</b>
3.7-4.5m	4.1m	40 l/h (90°)	45° - 105° 90° - 210° 210° - 270° 360°	Turquoise	<b>KHMP1D</b>	<b>9.00</b>
		80 l/h (180°)		Maroon	<b>KHMP1A</b>	<b>9.00</b>
		130 l/h (270°)		Lt. Blue	<b>KHMP1B</b>	<b>9.00</b>
		170 l/h (360°)		Olive	<b>KHMP1C</b>	<b>9.00</b>
5.2-6.4m	5.8m	170 l/h (180°)	90° - 210° 210° - 270° 360°	Black	<b>KHMP2A</b>	<b>9.00</b>
		250 l/h (270°)		Green	<b>KHMP2B</b>	<b>9.00</b>
		330 l/h (360°)		Red	<b>KHMP2C</b>	<b>9.00</b>
7.6 - 9.1m	9.1m	410 l/h (180°)	90° - 210° 210° - 270° 360°	Blue	<b>KHMP3A</b>	<b>9.00</b>
		620 l/h (270°)		Yellow	<b>KHMP3B</b>	<b>9.00</b>
		830 l/h (360°)		Grey	<b>KHMP3C</b>	<b>9.00</b>
10.1-10.7m	10.7m	650 l/h (180°)	90° - 210°	Light Brown	<b>KHMP4A</b>	<b>9.00</b>
Threaded adaptor to 1/2" BSPM thread					<b>KHMPAD</b>	<b>2.50</b>

Operating pressure: 1.7 bar-3.8 bar. Largest radii are achieved at max pressure



Strip Sprinklers			
Coverage	Nozzle @	Code	Price £
Between 1.2m x 3.7m and 1.8m x 5.2m	L/H Corner	<b>KHMP1H</b>	<b>9.00</b>
	R/H Corner	<b>KHMP1R</b>	<b>9.00</b>
Between 1.2m x 7.3m and 1.8m x 10.4m	Centre of one side	<b>KHMP5S</b>	<b>9.00</b>



# Nozzle Adjustment Key



Code	Price £
<b>KHKMP</b>	<b>2.00</b>



# Pop-up Sprinklers

Hunter pop-ups are renowned for their quality and reliability.

	Check Valve	Flo-stop	Gear Drive	0	2	4	6	8	10	12	14	16	18	20	22	m radius
MP				[Blue bar from 4 to 16]												
PGJ			✓	[Blue bar from 6 to 12]												
I20	✓	✓	✓	[Blue bar from 4 to 16]												
I25	✓	✓	✓	[Blue bar from 8 to 22]												

## PGJ

DATA SHEET ONLINE



This economically priced 'baby' version of the PGP sprinkler is ideal for mid-sized grass areas.

- Easy nozzle changing
- Waters more economically than sprays
- Slim design
- Adjustable arc 40° – 360°

½" BSPF thread

	Code	Price £
4" body	KHPGJ	12.00
Box of 10	KHPGJBX	93.00
Check Valve	KHPGJC	2.00

Large sports sprinklers available (page 48)

Nozzle	Bars	Radius	m <sup>2</sup> /hr
0.75	2.0	4.6m	0.14
1.0	2.0	5.5m	0.19
1.5	2.0	6.4m	0.29
2.0	2.0	7.3m	0.37
2.5	2.0	8.2m	0.49
3.0	2.0	9.1m	0.56
4.0	2.0	10.1m	0.83
5.0	2.0	11.0m	1.06

## PGP Ultra

Each sprinkler comes with a set of standard and low angle nozzles

DATA SHEET ONLINE



The world's best selling rotor just got better, with a range of new features.

- Vandal-proof drive mechanism
- Thicker, safer top cover
- Slotted screw for easy adjustment
- Adjustable arc 50° – 360°

¾" BSPF thread

3 Year Guarantee

	Code	Price £
4" sprinkler body	KHPGP	14.00
Box of 10 sprinklers	KHPGPBX	106.00
Short radius nozzles	KHP-NSR	1.00
Check Valve (3m)	KHPGPC	2.00

Low Angle Nozzles @ 2.5 bar			
Nozzle	Radius	m <sup>2</sup> /hr	
2.0LA	7.9m	0.40	
2.5LA	8.8m	0.53	
3.5LA	9.1m	0.68	
4.5LA	9.1m	0.84	

Short Radius Nozzles @ 2.5 bar			
Nozzle	Radius	m <sup>2</sup> /hr	
.50SR	5.2m	0.09	
1.0SR	5.2m	0.17	
2.0SR	5.2m	0.36	
.75SR	7.0m	0.15	
1.5SR	7.0m	0.28	
3.0SR	7.0m	0.60	

Standard Nozzles @ 2.5 bar			
Nozzle	Radius	m <sup>2</sup> /hr	
1.5	9.4m	0.32	
2.0	10.1m	0.39	
2.5	10.7m	0.48	
3.0	11.0m	0.61	
4.0	11.9m	0.81	
5.0	11.9m	1.02	
6.0	12.2m	1.22	
8.0	12.5m	1.63	

## I20 Ultra

Each sprinkler comes with a set of standard and low angle nozzles

DATA SHEET ONLINE



The I20 is the professional version of the Hunter PGP.

In addition to the features of the PGP, the I20 has:

- FloStop control for individual nozzle shut-off
- Check valve to prevent puddling
- Heavy duty construction with stainless steel riser

¾" BSPF thread

5 Year Guarantee

	Code	Price £
4" sprinkler body	KHP20	30.00
Box of 10 sprinklers	KHP20BX	239.00
Short radius nozzles	KHP-NSR	1.00

Low Angle Nozzles @ 3.5 bar			
Nozzle	Radius	m <sup>2</sup> /hr	
2.0LA	8.5m	0.48	
2.5LA	10.1m	0.64	
3.5LA	10.7m	0.80	
4.5LA	10.7m	1.00	

Short Radius Nozzles @ 3.5 bar			
Nozzle	Radius	m <sup>2</sup> /hr	
.50SR	5.5m	0.12	
1.0SR	5.5m	0.23	
2.0SR	5.5m	0.45	
.75SR	7.6m	0.17	
1.5SR	7.6m	0.34	
3.0SR	7.6m	0.67	

Standard Nozzles @ 3.5 bar			
Nozzle	Radius	m <sup>2</sup> /hr	
1.5	9.8m	0.38	
2.0	10.4m	0.47	
2.5	10.7m	0.58	
3.0	11.9m	0.74	
4.0	12.2m	0.97	
5.0	12.8m	1.24	
6.0	13.1m	1.47	
8.0	13.7m	1.95	

## I25 Ultra

DATA SHEET ONLINE



Designed for large scale turf watering.

- Throws up to 21m
- Check valve prevents puddling
- ProTech top for playing fields

1" BSPF thread

5 Year Guarantee	
Code	Price £
KHP31	62.00

Nozzle	Bars	Radius	m <sup>2</sup> /hr
7	3.4	14.3m	1.59
10	4.1	15.8m	2.52
15	4.8	17.4m	3.45
20	4.8	19.2m	4.36
25	4.8	20.7m	5.79

## Accessories



	Code	Price £
Nozzle Key	KHKEY	2.00
Nozzle insert collar	KHCOL	1.50



	Code	Price £
12" swing joint ½" top	KHSJ12-2	2.80
12" swing joint ¾" top	KHSJ12-3	2.80

¾" base thread fits to tees or saddles (see page 42)



# Hanging Basket System

Ever wanted to water a garden, but thought it was too complicated?

Access have designed a new range of kits which include all the parts you need to set up the system. Automatic controllers can be added to irrigate whilst on holiday, and several systems can easily be run from a standard 1/2" tap.

## Easy Installation



Fit to tap



Clip to wall



Cut to length



Insert dripper



Fit lead and stake



Turn on



### The ideal way to water baskets and tubs

- Easy to install
- Unobtrusive pipework
- Top quality nozzles for reliability
- Can be automatic

Hanging baskets and planters enhance any property, but are a nightmare to water. Now, with this easy to install system, everything can be watered with the turn of a tap.

The Access dripper kit uses a pressure compensating nozzle ensuring that the output is the same whether the drippers are at eaves or ground level. It also allows 6mm piping to be used. This is only pencil thick and is black for long life. Pipe clips with masonry nails are supplied to fix to brick or timber.

An adaptor enables the system to be connected to the outlet of your tap. For completely automatic watering see p28.



Dripper



Stake

**Saves hours of time!**

**Waters up to 25 baskets**

Pipe Length	Maximum Number of Drippers*		Spacing Type
	Water fed in at: One End	The Centre	
25m	57	76	▲
50m	39	70	▲
75m	31	62	▲
100m	27	58	▲
200m	18	44	▲
50m	27	58	●
100m	18	48	●

▲ = drippers equally spaced down length of pipe

● = drippers predominantly at the far end of the pipe

What you get:		
Small	Large	
10	25	Drippers
10	25	Stakes
25	100	Pipe clips
1	3	Branching tees
20m	40m	Pipe
1	1	Tap connector



	Code	Price £
Small kit	DW10BK	26.00
Large kit	DW25BK	53.00

\* calculated with 4 bar input pressure

## Contractor Packs

Everything you need to get you going, ideal for installing systems around pubs, restaurants and patio areas. On the large kit all small components are housed in one reusable and re-sealable container.



		What you get:		
Small	Large			
75	100	Drippers and stakes		
120m	160m	Pipe		
200	200	Pipe clips		
10	30	Branching tees		
10	20	Straight connectors		
50	100	Stop ends		
3	10	Tap connectors		
—	1	Re-usable components box		

Kit	Code	Price £
Large	DWCP	183.00
Small	DWCPH	112.00

## Components

Installing large numbers of basket systems? Then buy in bulk!			
		Code	Price £
Drippers	10	D2PCT-T	7.00
	25	D2PCT-Q	16.00
	100	D2PCT-H	60.00
Stakes	25	DAS-Q	3.50
	100	DAS-H	10.00
Supply Pipe Only	100m	P14-100M	29.00
Supply or Dripper Pipe	20m	P13-20M	13.00
Branching Tees	10	FBT6-T	3.00
	100	FBT6-H	19.00
Straight Connectors	10	FBK6-T	2.00
	100	FBK6-H	8.00
Stop Ends	10	PA12=1-T	1.20
	100	PA12=1-H	5.50
Hammer Clips	25	FPCN6-Q	2.00
	100	FPCN6-H	6.00
Tap fittings with filters	1	DWTF	3.00
	10	DWTF-T	17.00

## DB Valve and Kit



Water regulations require a DB valve to be fitted 300mm above the highest dripper. The fixing kit gives the parts required to fit the valve into the small bore pipe at high level.

Inlet: ¼" F Outlet: ¼" M

	Code	Price £
DB Valve	EVDB3	104.00
Fixing Kit	EVDB3KT	2.50



The fixing kit includes: fixing bracket, small bore pipe connectors.

## Hanging Basket Feeder

Feeding baskets has always been a problem, especially as the small compost volumes of a basket and the regular watering required conspire to rob the plants of the nutrients they need. The feeder is connected to the irrigation pipework. Inside is a slow release fertiliser which feeds every time you water. Two cartridges should last a season and the first cartridge should be replaced after 2 months.

Flow range:	1 – 200 l/h
Max pressure:	4.0 bar (58 psi)
Fittings supplied:	Connector for 3.5-4.0 mm ID pipe Brass quick connectors

	Code	Price £
Hanging Basket Feeder	AFBP	54.00
Replacement Cartridge	AFBP-C	16.00



Brass quick connector



Small bore connector



# Control Systems

## Battery Controllers

Battery operated controllers are becoming increasingly sophisticated and reliable, and allow automatic control anywhere – making them ideal for remote locations. We carefully select controllers, ensuring they will endure the damp – vital in Britain! Batteries will last a whole season. **Always protect controllers from frost.**

### Galconette – Single Station



A simple, reliable tap timer with large display and plenty of features. Manual over-ride with auto off function.

	Code	Price £
Galconette	EPAGT	59.00
Battery (1 needed)	C280-9V	1.90

• Button operation	• Rain off button
• Screws directly on to an outdoor tap (¾" F x ¾" M)	
✓ 4 starts per day	✗ Cycling option
✓ 1min - 12hr watering time	✓ 1 year battery life (average)
✗ Seasonal adjust	✗ Rain sensor option

### Galconette Dial – Single Station



For simple and easy operation, this unit has two programmable dials with pre-set options.

	Code	Price £
Galconette Dial	EPAGD	59.00
Battery (1 needed)	C280-9V	1.90

• Dial control	• Easy operation
• Screws directly on to an outdoor tap (¾" F x ¾" M)	
✓ 8 starts per day	✗ Cycling option
✓ 2 min - 9hr watering time	✓ 1 year battery life (average)
✗ Seasonal adjust	✗ Rain sensor option

### Galcon – 1 and 4 Station



Controller can either be mounted on a valve or wall mounted (bracket included). Manual over-ride.

	Code	Price £
Single station with 1" valve	EPAG01	124.00
4 station controller only	EPAGDC4	111.00
1" valve for 4 station (fit up to 4)	EPAGV	33.00
Battery (1 needed)	C280-9V	1.90
Rain sensor	ERS	40.00

• Rain off button	• For outdoor use
• Each station can be programmed independently	
✓ 4 starts per day	✗ Cycling option
✓ 1min - 12hr watering time	✓ 1 year battery life (average)
✓ Seasonal adjust	✓ Rain sensor option

### Single Valve Bluetooth Controller



No more fiddling about at the tap to programme the controller, the Galcon app allows remote programming from up to 10m away. If it is raining, the app allows easy access to the rain off' function.

	Code	Price £
Galconette BT	EPAGBT	65.00
Battery (1 needed)	C280-9V	1.90

• Button or App programming	• Rain off via button or App
• Screws directly on to an outdoor tap (¾" F x ¾" M)	
✓ 4 starts per day	✗ Cycling option
✓ 1min - 12hr watering time	✓ 1 year battery life (average)
✗ Seasonal adjust	✗ Rain sensor option

## Hunter Pro Tap Timers



This rugged timer is controlled via a Bluetooth app on your Smartphone. Push-button manual start to allow up to 1 hour of watering. Two irrigations modes with two start times each.

One or two outlet options. 2 year warranty.

Pressure: 0.5-8 bar



• App programming with manual button	• Rain delay up to 7 days via app
• Screws directly on to an outdoor tap (¾" F x ¾" M)	
✓ 4 starts per day	✓ Cycling option
✓ 1sec - 24hr watering time	✓ 2 x 1.5v AA batteries included
✗ Seasonal adjust	✗ Rain sensor option

	Code	Price £
Single outlet	EPART01	78.00
Twin outlet	EPART02	122.00



## Hunter X2 Controller



Easy-to-configure control panel for up to 14 zones, including 3 programs and 4 start times each. Plug in the revolutionary WAND module to allow remote management and advanced water-saving features using the Hydrawise software. Hydrawise maximises water savings by automatically adjusting irrigation schedules based on the local weather. It also compatible with Amazon Alexa™ and Control4® home automation. 2 year warranty.

• Easy to use dial	• Lockable outdoor controller
• Rain off setting on dial	• Optional WAND with Hydrawise software
✓ 12 starts per day	✗ Cycling option
✓ 1min – 12hr watering time	✓ Non volatile memory
✓ Seasonal adjust	✓ Rain sensor option



WAND module

	Code	Price £
4 Zone X2 controller	EPARX04	114.00
8 Zone X2 controller	EPARX08	169.00
14 Zone X2 controller	EPARX14	261.00
Rain sensor	ERS	40.00
WAND upgrade	EPARXWF	135.00

## Hunter HCC Controller



This commercial grade controller comes with 8 zones as standard but has three expansion slots to allow a maximum of 38 zones; or upgrade to a decoder system with a 54 zone capacity. Hydrawise maximises water savings by automatically adjusting irrigation schedules based on the local weather. It also compatible with Amazon Alexa™ and Control4® home automation. With a built-in milliamp sensor, troubleshooting faulty wires is a breeze. Easily install a Flow Meter to accurately monitor flow, prevent wasted water, and avoid damaged landscapes. 5 year warranty.

• 8cm full colour screen	• Lockable outdoor controller with key
• Two zones can run simultaneously	• Wifi with Hydrawise software
✓ 36 starts per day	✗ Cycling option
✓ 1min – 24hr watering time	✓ Non volatile memory
✓ Seasonal adjust	✓ Rain sensor option

	Code~	Price £
8 zone HCC controller	EPARHCC	552.00
8 zone expansion module*	EPARM8	188.00
Decoder module	EPARCDM	277.00
1 zone decoder	EPARCD1	78.00
Flow meter	EWMA3E	110.00

\* 4 zone and 22 zone modules available

## Hunter Node Controller



This waterproof timer is ideal for valve box installations, removing the need to lift dirty covers to alter the settings. Controlled via a Bluetooth app on your Smartphone. Three irrigation modes with 8 start times each. 2 year warranty.



	Code	Price £
Single zone with 1" valve	EPARN01	140.00
4 zone controller only	EPARN04	174.00
1" solenoid valve	EPAGV	33.00
Soil moisture sensor	EPARNS	46.00
9v battery (accepts 1 or 2)	C280-9V	1.90

• App programming with manual button	• Rain delay up to 99 days via app
• Need text	
✓ 24 starts per day	✓ Cycle and soak
✓ 1sec– 12hr watering time	✓ 1 year battery life (average)
✓ Smart weather adjust	✓ Moisture sensor option



## Heron Multi-wire



**3 Year  
Warranty**

*Exclusive 6 zone  
Controller.*

	Code	Price £		Code	Price £
Light Sensor	EPAHLS~	225.00	Lockable Outdoor Enclosure	EPAHBX~	54.00
Humidity Sensor	EPAHHS~	300.00	Wet Leaf Interface	EPAHWLI~	81.00
Rain Sensor with Bracket	EPAHRB	110.00			

Stations	Code	Price £
6*	EPAH06	224.00
8	EPAH08	284.00
12	EPAH12~	364.00
16	EPAH16~	491.00
24	EPAH24~	695.00
32	EPAH32~	748.00

One of the most dependable controllers on the market. All units feature large backlit displays and the ability to give zones personalised names.

Plastic case; digital settings; LCD display; input 240v; output 24v AC @ 1.3A; pump start; electronic fuse; timing range; 1 sec to 60 min & 1 min to 60 hrs.

• Remote start	• Programme freeze
• Multiple programmes	• Delay between valves
• 3 year warranty	• Fertigation option
• 16 station units and above are expandable to 160 stations	
✓ 64 starts per day	✓ Cycling option
✓ 1sec – 10hrs watering time	✓ 5 year battery backup
✓ Seasonal adjust	✓ Rain sensor option

\*More limited functionality

## Solenoids and Low Voltage Cable

### Bermad Valves 24V AC



24v AC coil can be used on 12v DC outputs.

- Rating: 1.7W
- Pressure range: 0.7 – 10 bar
- Flow control stem
- Manual over-ride

	Code	Price £
1" BSPF	ESVB4	28.00
1½" BSPF	ESVB6	71.00
2" BSPF	ESVB8	82.00
Spare Coil	ESVBC24V	20.00

### Hunter Valves 24V AC



- Versatile and robust
- Flow control
- Flow rate: 0.05 – 9 m³/hr
- Pressure range: 1.5 – 10 bar

	Code	Price £
1" BSPF	ESVP4	21.00

### Hunter PGV Battery 9V DC



- Designed for battery systems
- Flow control stem
- Flow rate: 0.05 – 9 m³/hr
- Pressure range: 1.5 – 10 bar

	Code	Price £
1" BSPF	EPAGV	33.00

### Accu-Sync for Hunter



- Adjustable pressure regulation (1.5 – 7 bar)
- Works with Hunter PGV valves
- Max pressure rating: 10 bar

	Code	Price £
Accu-sync	ESVHAS	47.00

## Low Voltage Cable

Heavy duty 0.8mm cable for wiring solenoids. 1 core needs to be used for the 'common return', so a 4 core cable will wire 3 solenoids etc.

	10m	Price £	100m	Price £
4 Core Cable	ELCS04-T	23.00	ELCS04-H	108.00
6 Core Cable	ELCS06-T	28.00	ELCS06-H	164.00
12 Core Cable	ELCS12-T	63.00	ELCS12-H	340.00

## Connectors



Easy to use - no wire stripping needed.

	Qty	Code	Price £
Grease filled connectors for joining cable to Solenoid valves	10	ELCG-T	11.00
	50	ELCG-L	48.00

## Cable & Crimps



2.5mm Hunter approved 2 core decoder cable.

Grease connector allows easy connection of cables with grease pot to prevent corrosion.

	Code	Price £
2 core decoder cable 250m	ELCS2D-25H	551.00
2 core decoder cable 500m	ELCS2D-5H	932.00
Grease connector	ELCGD	2.70

## Floating Level Switch



3 wire design allows circuit to open or close on contact. Suitable for high or low water applications.

Lead	Code	Price £
3m	EWTFLO3	42.00
10m	EWTFLO10	62.00

*Floating level switches stop pump damage if you run out of water.*

## Pressure Vessels & Switches

**NEW**



5 way kit

### 5 Way Kit consists of:

- 1" 5 way tee
- 1" non-return valve
- 1" brass nipple
- 10 bar pressure gauge



6 bar pressure switch



**Digital pressure switch has cut in pressure of 0.5 – 7 bar and a cut out pressure between 1 – 8 bar. It features dry running protection with automatic reset**

Capacity	Bar	BSPM	Code ~	Price £
20 L	10	1"	EPV020LV	42.00
24 L *	10	1"	EPV024LH	66.00
60 L	10	1"	EPV060LV	146.00
100 L	10	1"	EPV100LV	247.00

\*Horizontal

	Code	Price £
5 Way Kit	EPVSK06	50.00
6 bar Pressure Switch	EPUPS06	96.00
Digital Pressure Switch	EPUPS08D~	310.00
1m long connecting pipe 1" BSPF x 1" BSPM	EPBH1M	41.00

~ see p52

# Pumps

## Horizontal Pumps



DATA SHEET ONLINE

### High quality pumps

- Stainless steel body and shaft
- IP55 continuous rated motor
- Built-in thermal protection
- Ceramic/Carbon/EDPM seal
- Full after sales service

**Self Priming**



BG Series



5HM Series

3 phase also available

Installer approved! Our installers love these quality pumps for their reliability and ease of draindown and maintenance.

Model	FLOW (m³/hr) @ xxm head					SINGLE PHASE				
	20m	30m	40m	50m	60m	In/Out BSPF	kW	F.L.C. Amps	Code	Price £
BGM3/A	2.0	0.6				1¼" / 1"	0.37	2.96	EP1BG03	331.00
BGM7/A	2.6	1.3				1¼" / 1"	0.75	5.00	EP1BG07	385.00
BGM11/A		4.2	2.2	0.5		1¼" / 1"	1.1	6.47	EP1BG11	481.00
5HM03P	5.0					1¼" / 1"	0.50	3.38	EP14HM5~	566.00
5HM04P	6.3	4.7	2.4			1¼" / 1"	0.75	4.79	EP14HM7~	725.00
5HM05P	6.8	5.8	4.2	2.4		1¼" / 1"	0.95	5.69	EP14HM9~	924.00
5HM06P		6.5	5.5	4.2	2.5	1 1/2" / 1"	1.91	8.42	EP14HM11~	1196.00

## Genyo Auto-start Unit



Converts pumps so that they start automatically when a pressure drop is detected, such as when a tap is opened or an irrigation valve operates.

- IP65 rated body
- 1" BSPM inlet and outlet
- Operates pumps up to 16 amps
- Max 10 bar pressure
- Pressure Gauge included

Pressure Losses	
Loss (m)	Flow m³/hr
2	3.4
5	5.2
10	7.5

	Code	Price £
Genyo	EPUPSTF	225.00
Union	FPTU4-4F	22.00

### Union fitting

Allows the Genyo unit to always face forward and to be removed from the pump without unwiring the entire unit.



## Vertical Pumps

These vertical pumps are ideal for larger flows. For more 'mission critical' applications we also sell the Lowara range of pumps which boast a network of service engineers for fast breakdown assistance.

**MORE PUMPS ONLINE**



DATA SHEET ONLINE

Model	FLOW (m³/hr) @ xxm head						SINGLE PHASE				THREE PHASE				
	20m	30m	40m	50m	60m	70m	In/Out BSPF	kW	F.L.C. Amps	Code ~	Price £	kW	F.L.C. Amps	Code ~	Price £
Multi 35.3	7.7	4.7					1½" / 1¼"	0.75	6.7	EP1M353	683.00				
Multi 35.4	9.0	7.3	5.4				1½" / 1¼"	1.1	8.4	EP1M354	824.00	1.1	3.1	EP3M354	824.00
Multi 35.5	9.7	8.4	6.9	5.4	3.0		1½" / 1¼"	1.5	10.2	EP1M355	1022.00	1.5	4.0	EP3M355	1021.00
Multi 55.4	17.0	13.2	8.2	0.8			1½" / 1¼"					2.0	4.8	EP3M554	1108.00
Multi 55.6		17.8	15.9	12.7	8.8	4.5	1½" / 1¼"					3.0	7.0	EP3M556	1289.00



~ see p52

**NEW**

## River and Lake Pump Package

### Professional pump system

Designed for easy pumping from wells and rivers the package includes a DAB1200X auto-start submersible pump, suspension kit, disc filter and 25m of pipe. Will handle moderately sediment loads. For dirtier water upgrade a floating inlet and to a semi-automatic filter (p36).

For fully automated irrigation using river water, pair up with a valve box (p23) and controller.



#### What you get

- DAB 1200X auto-start pump
- Isolator switch
- Stainless steel suspension chain
- 1" Disc filter and shutoff valve
- 25m of 25mm MDPE pipe

Code	Price £
EPPKLR	711.00

## Suction Hose



EWTRPI Floating inlet

		Code	Price £
1"	Suction Hose 5m	PHS4-5M	29.00
	Suction Hose 30m	PHS4-25M	111.00
	1" BSP Male Coupling - brass	FHB4-4	8.00
	1" BSP Female Coupling - brass	FHB4-4F	5.00
	Super Clamp	FHSC4	1.50
2"	Suction Hose 5m	PHS8-5M	50.00
	Suction Hose 30m	PHS8-30M	231.00
	2" BSP Male Coupling - brass	FHB8-8	31.00
	2" BSP Female Coupling - brass	FHB8-8F	23.00
	Super Clamp	FHSC8	2.50
Floating inlet for 1" suction hose		EWTRPI	50.00
2m suction hose pre-assembled 1" BSPF		PHS4C-2M	31.00

## Auto-start Submersible



DAB1200X

### Auto-start copes with 'water-out' situations

Designed to cope with 'water out' situations, the pump will automatically stop if the water supply runs out, then periodically try to restart until the water supply returns. Built-in non-return valve. DAB1200X requires buffer vessel to protect the pump. DAB55X is a variable speed pump so will cope with high and low water flows.



EWTRPI-1M Floating inlet



EPBV4 Buffer vessel



DAB55X

+ see p52

Model	FLOW (m³/hr) @ xxm head				In BSPF	Out BSPF	F.L.C. Amps	Code	Price £
	20m	30m	40m	50m					
DAB1200X	4.2	3.0	1.4	—	1"	1"	4.8	EP1V12X	439.00
DAB55X	5.75	5.1	4.5	3.75	1"	1¼"	5.0	EP1V55X~	1159.00
Floating inlet with 1m suction hose and 1" BSPM thread								EWTRPI-1M	70.00
Buffer vessel with 1" BSPM thread								EPBV4	85.00
Suspension kit for polythene tanks—includes 1.5m stainless steel chain and securing bracket								EPSK	34.00
Submersible pump kit for wells with 3m stainless steel chain & bracket								EPWK	52.00

## Designed to boost the pressure of the water supply

- Complies with the Water Regulations
- Simple to Install

These units are designed for systems where pressure is a problem or compliance with the Water Regulations is required. The units are pre-assembled and simply need to be connected to a power and mains water supply.

## Cat 5 Pump and Tank Units



Various pump options available. For stop/start applications such as mist propagation a 20L pressure vessel model is also available. The flow from the unit must be less than or equal to the flow into the tank.

690mm x 370mm x 830mm high  
Inlet: 1/2" BSPM  
Outlet: 1" BSPF



	Code +	Price £
	EPTS-C5	1110.00
With pressure vessel	EPTS-PV	1289.00

Does NOT include pump, choose from the Lowara horizontal pumps on page 32.

## Compact Pressure Booster Units



Designed for lower flows where compliance with the Water Regulations is required. The flow from the unit must be less than or equal to the flow into the tank.

650mm diameter x 1100mm high  
Inlet: 3/4" BSPM Outlet: 1" F

Head	Flow (m <sup>3</sup> /hr)
20m	4.2
30m	3.0
40m	1.4

Code +	Price £
EPTS0200	1245.00

## 500L Pressure Booster Unit



Tank holds a buffer of water allowing the pump to operate at higher flows

610mm x 1060mm x 1330mm high  
Inlet: 3/4" BSPM  
Outlet: 1" BSPF

Head	Flow (m <sup>3</sup> /hr)
20m	4.2
30m	3.0
40m	1.4

Code +	Price £
EPTS0500	1394.00

## 1250L Pressure Booster Unit



Tank holds a buffer of water allowing the pump to operate at higher flows. Two pump options.

1200mm dia x 1200mm high  
Inlet: 3/4" BSPM  
Outlet: 1" BSPF

**NEW**

Pump	FLOW (m <sup>3</sup> /hr) @ xxm head				Code +	Price £
	20m	30m	40m	50m		
DAB1200X	4.2	3.0	1.4	—	EPTS1250	1479.00
DAB55X	5.75	5.1	4.5	3.75	EPTS1250H	2197.00

## Pump Relay



This reliable pump relay box provides a simple interface between pump and 24v AC signal from the controller. No low water over-ride. Lockable enclosure.

FLC Amps	Code	Price £
12	ESB1PH	143.00

## Transformer Box



240v - 24v transformer. 1 input 1 output mounted in IP65 box. Ideal for operating solenoid valve via float switch for mains fill.

Amps	Code +	Price £
3	ESB1TB	158.00

## Pump Starters



Pump Starter



Isolator Switch

Pump Starters allow panels or pressure switches to operate the pump. All Starters include the option of a low water over-ride to protect the pump.

	FLC Amps	Code +	Price £
1PH Heavy Duty Starter	16	ESB1HD	351.00
3PH Heavy Duty Starter	16	ESB3HD	374.00
1PH Isolator Switch (no starter)	25	ESBI	43.00

Heavy Duty Starters include a thermal overload for enhanced pump protection. Specify pump Full Load Current (FLC) when ordering heavy duty starters so that the correct thermal overload can be fitted.

## Mains Fill System



Top up rainwater storage tanks with mains water in Summer. Adjustable sensor allows for minimal re-filling, providing plenty of space for rainwater.



	Code +	Price £
Above	EWTFC-BK	360.00
Below	EWTFB-BK	535.00

### Above ground tanks

240v transformer, float switch and 1" solenoid to fit into mains supply pipe to tank ball valve.

### Below ground tanks

240v transformer and 2 float switches (one for alarm), air gap compliance kit, overflow alarm & 1" solenoid valve to connect to mains water supply.

## Pre-assembled Pump Unit

NEW

### Simple installation

Designed for easy pump installation the pump is supplied mounted on a plate and pre-wired with a Genyo auto-start unit and to an isolator switch.

The auto-start unit brings the pump on as soon as a drop in pressure is detected. Includes 2m of suction hose with 1" BSPF fittings to connect to an irrigation tank outlet.

Suitable for Lowara horizontal pumps – **pump NOT included.**

Code +	Price £
EPPKHA	603.00



## Polythene Tanks

- UV stabilised polythene
- Access hatch
- Threaded outlets

Capacity	Outlet	Ø x H mm	Code ~	Price £
1,250 L	278 Gal	1.5" M	1200 x 1200	205.00
2,500 L	550 Gal	1.5" M	1400 x 1800	355.00
5,000 L	1,100 Gal	2" M	1900 x 2185	650.00
10,000 L	2,100 Gal	2" M	2400 x 2500	1090.00
12,500 L	2,750 Gal	2" M	2600 x 2600	1325.00

These tanks are made from black MDPE, maintenance free and have an 18" or 24" screw hatch. Needs large lorry access and unloading facilities. Craned or remote deliveries will be charged extra.

Water regulations require irrigation tanks to have a Type 'AB' overflow.

2 Year Guarantee



DATA SHEET ONLINE



~ see p52

## Filters



### Screen Filter

- Fine filter suitable for drip systems
- Twin pressure gauge ports on 2" models
- Washable filter
- Amiad Tagline range



Max Flow	Thread Size	Filter Size	Maximum Pressure	Code	Price £
3 m <sup>3</sup> /h	¾" M	0.13mm	8 bar	EFP3-0.1	13.00
7 m <sup>3</sup> /h	1" M	0.13mm	8 bar	EFP4-0.1	18.00
15 m <sup>3</sup> /h	1½" M	0.13mm	8 bar	EFP6-0.1	80.00
25 m <sup>3</sup> /h	2" M	0.13mm	8 bar	EFP8-0.1	149.00

### Disc Filter



- Ideal for dirtier water applications
- Disc provides greater filtration area
- Fine filter suitable for drip systems
- 1" filter not Amiad and has no drain valve



Max Flow	Thread Size	Filter Size	Maximum Pressure	Code	Price £
3 m <sup>3</sup> /h	1" M	0.13mm	6 bar	EFPD4-Y	45.00
6 m <sup>3</sup> /h	1½" M	0.10mm	8 bar	EFPD6-Y	218.00

### Filter in Washer



Fits ¾" F fittings.

Code	Price £
P67	1.00

### Semi-automatic Filter

DATA SHEET ONLINE



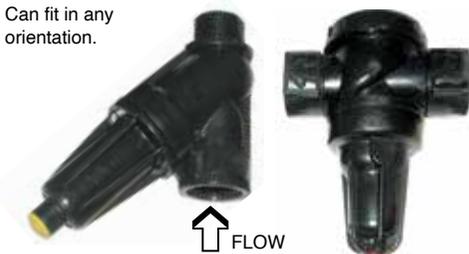
Semi-automatic filter with built-in cleaning nozzles for fast and effective filter cleaning. Integrated clogging meter automatically indicates when cleaning is required.

Plastic ribbed filter body with stainless steel 'weave-wire' with a large filtration capacity.

Max Flow	Thread Size	Filter Size	Maximum Pressure	Code ~	Price £
40 m <sup>3</sup> /h	2"	0.13mm	10 bar	EFPA8-0.1	447.00

## Pressure Regulators

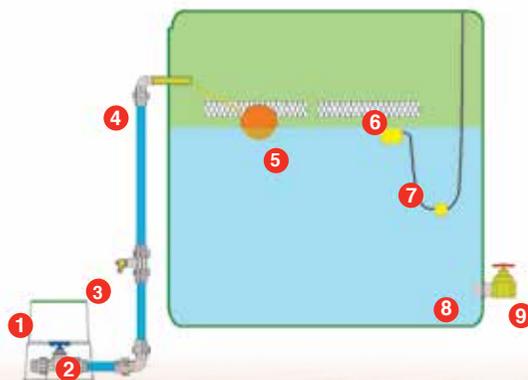
Can fit in any orientation.



	Flow Rate	Pressure Range	Code	Price £
¾" F x ¾" M Adjustable Delrin	0.01 - 5m <sup>3</sup> /h	0.5 - 1.2 bar	EPR3LFM-A	21.00
	0.01 - 5m <sup>3</sup> /h	0.8 - 2.5 bar	EPR3LFM-B	21.00
	0.2 - 5m <sup>3</sup> /h	2.0 - 4.0 bar	EPR3FM-C	15.00
	0.2 - 5m <sup>3</sup> /h	3.5 - 6.0 bar	EPR3FM-D	15.00
1" F x 1" F Adjustable Acetal	0.4 - 8m <sup>3</sup> /h	0.5 - 1.2 bar	EPR4F-A	42.00
	0.4 - 8m <sup>3</sup> /h	1.0 - 2.0 bar	EPR4F-B	42.00
	0.4 - 8m <sup>3</sup> /h	1.5 - 3.5 bar	EPR4F-C	42.00
	0.4 - 8m <sup>3</sup> /h	3.0 - 5.5 bar	EPR4F-D	42.00

## Tank Fittings

	Polythene Tanks	Code	Price £
1	Chamber for Stopcock	KHB10	10.00
2	Stopcock	FLSC20	30.00
3	Drain Point	EWDT20	20.00
4	Female Elbow	FLE20-3F	2.40
5	¾" ball valve with float	ETVB3	98.00
6	Overflow Weir Mesh	EWTWEIR	13.00
7	Floating Level Switch-3m	EWTFL03	42.00
8	Tank Connector	FUTC4	14.00
9	1" Gate Valve	EVG4	12.00
	1" Tank Overflow	ETOF4	21.00



~ see p52

# Fittings

## Introduction

We only choose good quality fittings to put in our catalogue – we are often surprised at the poor quality parts that are around.

To make life less complicated we tend to stock all the popular sizes – if you have a large requirement for something unusual please give us a call.

## Contents

<b>Threaded Fittings</b>	<b>39</b>
<b>Pipe &amp; Pipe Clips</b>	<b>40</b>
<b>Barbed Fittings</b>	<b>41</b>
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<b>Eindor Taper Fittings</b>	<b>48</b>
<b>Filters &amp; Valve Boxes</b>	<b>49</b>



**Stuck without a ruler? Use a coin!**

5p = 17mm diameter	10p = 24mm diameter
2p = 26mm diameter	£1 = 22mm diameter

## Identification Tables

### Thread Sizes

The O.D. of the thread and its size are different. For example a 1/2" thread has an O.D. of approx 3/4".

BSP Thread	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Male thread OD mm	13	17	21	26.5	33.6	42	48	60
Female thread ID mm	11.5	15	18.6	24	30	38.5	45	57

### Imperial Pipe

Like thread sizes, the O.D. and the pipe size are different. Wall thicknesses are denoted by its class. Black polythene pipe was generally class B, C or D. Rigid grey uPVC pipe was class C, D, E or T. We can supply adaptor fittings - please ask our sales department.

Pipe Size	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
OD mm	17.2	21.4	26.5	33.6	42.2	48.3	60.3

## Terminology

<b>O.D.</b>	= pipe outside diameter
<b>I.D.</b>	= pipe inside diameter
<b>LDPE</b>	= low density polyethylene
<b>MDPE</b>	= medium density polyethylene
<b>HDPE</b>	= high density polyethylene
<b>c/p</b>	= Co-polymerised (for longer life)
<b>uPVC</b>	= grey plastic, rigid pipe
<b>PVC</b>	= soft, flexible pipe
<b>Potable</b>	= drinking water

### Metric Pipe

The pipe is measured by the O.D. Below 12mm diameter there are no standard sizes - so beware when matching small bore pipe.

Pipe OD mm	12	16	20	25	32	40	50	63
Blue MDPE water pipe (12 bar)			✓	✓	✓		✓	✓
Black MDPE water pipe (10/12 bar)			✓	✓	✓	✓	✓	✓
Black LD/MDPE pipe (4/6 bar)	✓	✓	✓	✓	✓	✓	✓	✓
Grey uPVC pipe (5-16 bar)		✓	✓	✓	✓	✓	✓	✓

### Copper Pipe

Available in O.D. sizes 15, 22, 28, 35, 42 mm.

*If you can't easily work out the OD of a pipe, wrap a strip of paper round and mark where it overlaps. This will then give circumference of pipe. Divide by pi (3.1428) to give pipe diameter. 🖋️*

*Want to know your water flow?  
Take a container of a known volume (e.g. 10l) and time how many seconds it takes to fill with the tap 3/4 open (e.g. 20 seconds). Divide the volume by the time then multiply by 3600. e.g. 10 (bucket size) x 3600 = 1,800 l/h 🖋️  
20 (time - secs)*

## Imperial/Metric Conversion

<b>Inch</b>	0.3937	1 2.54	<b>centimetres</b>
<b>Foot</b>	3.28074	1 0.3048	<b>metres</b>
<b>Yard</b>	1.093613	1 0.91440	<b>metres</b>
<b>Acres</b>	2.47105	1 0.40469	<b>hectares</b>
<b>Pint</b>	1.75976	1 0.56826	<b>litres</b>
<b>Gallon</b>	0.21997	1 4.54609	<b>litres</b>
<b>US Gal</b>	0.2642	1 3.7854	<b>litres</b>
<b>Pound</b>	2.204622	1 0.453592	<b>kilograms</b>
<b>Psi</b>	14.5038	1 0.069895	<b>bar</b>
e.g.	1 inch = 2.54cm	1cm = 0.3937 inches	

## Eindor Taper Fittings

**We have been using these fittings for many years – the push fit design has been tested to 6 bar!**

Pre-packed in resealable, labelled bags. Easy to open, easy to identify.  
**We try to be helpful!**



### 12mm Connector

For 12mm OD poly. Bottom end fits 6mm F fittings eg KEP.



Qty	Code	Price £
25	KECL-Q	3.20
100	KECL-H	11.00

### 12mm End Connector

6mm F outlet. Adapts Vibro-spin and Mini-spin to 12mm OD poly pipe.



Qty	Code	Price £
10	KEEC-T	2.20
100	KEEC-H	16.00

### Plunger

Small barb fits 3.5mm - 4.0mm ID pipe. Large barb fits into 3mm hole punched into side wall of pipe - see p5 for punches.



	Qty 10	Price £	Qty 100	Price £
Small	KEPS-T	3.20	KEPS-H	24.00
Large	KEP-T	1.50	KEP-H	11.00

### 1/2" M Adaptor

6mm F outlet. Adapts Vibro-spin, Mini-spin, Mini-fogger nozzle to 1/2" F thread. Will fit KESL stake.



Qty	Code	Price £
10	KEM-T	4.70
100	KEM-H	41.00

### Barbed Collar

Small barb fits 3.5mm - 4.0mm ID pipe. Large barb fits 6.8mm x 4.00mm downtubing.



	Qty 25	Price £	Qty 100	Price £
Small	KECS-Q	8.40	KECS-H	30.00
Large	KEC-Q	2.90	KEC-H	8.90

### Tee

6mm F.



Qty	Code	Price £
10	KET-T	2.20
100	KET-H	14.00

### Threaded Caps

Allows nozzles and fittings to be converted to BSPF threads. Cap outlets fit Mini-spin and Vibro-spin nozzles.



Thread	Qty 10	Price £	Qty 100	Price £
1/2" - F	KECP2-T	4.70	KECP2-H	40.00
3/4" - F	KECP3-T	5.20	KECP3-H	45.00

### Double Nipple

Joins fittings of 6mm F.



Qty	Code	Price £
25	KEN-Q	3.40
100	KEN-H	12.00

### Blanks

Allows male or female fittings to be blanked off.



KEB

To blank	Qty 25	Price £	Qty 100	Price £
Female	KEB-Q	2.30	KEB-H	6.70
Male	KECAP-Q	3.30	KECAP-H	11.00

### Mini-Tap

6mm M x F inlet/outlet Fit with KECS/KEPS to fit small bore pipe.



Qty	Code	Price £
10	KEV-T	7.80
100	KEV-H	77.00

### Threaded Adaptors

Allows nozzles and fittings to be threaded into overhead irrigation pipes.



Thread	Qty 10	Price £	Qty 100	Price £
M11	KEPM-T	1.40	KEPM-H	9.10
1/4" W	KEPT-T	1.60	KEPT-H	10.00
3/8" W	KEPW-T	2.00	KEPW-H	15.00

### Repair Plugs

Allows punched holes in pipes to be repaired.



Qty	Code	Price £
100	FBG5-BAG	5.40

## Threaded Fittings

These are polypropylene and rated at 6 bar

Installer Approved!  
Some plastic fittings are very poor -  
but we think these are excellent. 

### Socket



F	Code	Price £
½"	FPTS2	0.50
¾"	FPTS3	0.60
1"	FPTS4	0.80
1½"	FPTS6	2.80
2"	FPTS8	3.50

### Plug



F-F	Code	Price £
¾"	FPTP3	0.40
1"	FPTP4	0.55

### Tee



F	Code	Price £
½"	FPTT2	1.40
¾"	FPTT3	1.70
1"	FPTT4	1.90
1½"	FPTT6	5.60
2"	FPTT8	8.50

### Reducing Socket



F-F	Code	Price £
¾" - ½"	FPTS3-2	0.90
1" - ¾"	FPTS4-3	0.80

### Tee - Male



MMM	Code	Price £
¾"	FPTT3M	1.00

### Increasing Piece



M-F	Code	Price £
½" - ¾"	FPTI2-3	0.70
¾" - 1"	FPTI3-4	1.20
1½" - 2"	FPTI6-8	3.00

### Tee - Female Branch



FMF	Code	Price £
¾"	FPTT3MF	2.10

### Elbow Male/Female



M-F	Code	Price £
½"	FPT2MF	1.00
¾"	FPT3MF	1.20
1"	FPT4MF	1.60

### Elbow



F	Code	Price £
½"	FPTE2	1.20
¾"	FPTE3	1.60
1"	FPTE4	1.80
1½"	FPTE6	5.50
2"	FPTE8	7.30

### Elbow - Male



M-M	Code	Price £
¾"	FPT3M	0.90

### Nipple



M	Code	Price £
½"	FPTN2	0.25
¾"	FPTN3	0.30
1"	FPTN4	0.60
1"★	FPTN4H	1.50
1½"	FPTN6	1.10
2"★	FPTN8	3.00

### Reducing Nipple



M-M	Code	Price £
¾" - ½"	FPTN3-2	0.30
1" - ¾"	FPTN4-3	0.60
1¼" - 1"★	FPTN5-4	2.80
1½" - 1"	FPTN6-4	1.10
1½" - 1¼"★	FPTN6-5	3.40
2" - 1"★	FPTN8-4	3.00
2" - 1½"★	FPTN8-6	3.00

### Reducing Bush



★ Hansen 16 bar

M-F	Code	Price £
½" - ¼"★	FCTR2-1	3.40
¾" - ½"★	FPTR3-2	1.90
1" - ½"★	FPTR4-2	2.50
1" - ¾"★	FPTR4-3	2.40
1¼" - 1"★	FPTR5-4	3.60
1½" - 1"★	FPTR6-4	3.80
2" - 1½"★	FPTR8-6	4.80

### Cap and Washer



'O' Ring  
for easy  
sealing

F	Code	Price £
½"	FMC2	1.10
¾"	FMC3	1.00
1"	FMC4	1.40
1½"	FMC6	1.90
2"	FMC8	4.00

## Polythene Pipe and Clips



Small bore pipe for drip systems see p29

Header & Above Ground Supply Piping – Black							
Size mm	Bar	Wall mm	Material	50m Coil		100m Coil	
				Code	Price £	Code	Price £
16	4	1.2	LDPE c/p	PA16-50M	25.00	PA16-100M	49.00
20	4	1.5	LDPE c/p	PA20-50M	39.00	PA20-100M	65.00
25	4	2.0	LDPE c/p			PA25-100M	80.00
32	6	2.6	LDPE c/p	PB32-50M	79.00	PB32-100M	133.00
50	8	3.0	MDPE			PB50-100M~	257.00
63	8	3.8	MDPE			PB63-100M~	399.00

Polythene pipe has a number of advantages over uPVC pipe (p46). It is less susceptible to frost damage, does not need solvents to join it and is more resistant to stone damage underground.

Choose pipe with a lower pressure rating for above ground work as it is more flexible. Choose 10 bar rated pipe for underground use where it is more difficult to spot leaks. 

## Underground Supply Pipe

- 10 bar black MDPE pipe
- Thick wall for durability
- High pressure rating
- Use compression fittings

Blue water pipe must only be used for potable underground mains water supplies, such as cold water feeds to storage tanks.

It must not be used for irrigation water.

Black pipe with a green stripe is available for recycled water systems. 

Coil Size	O.D. 20mm Wall 2.5mm	Bar 12 MDPE	20mm	O.D. 25mm Wall 2.4mm	Bar 12 MDPE	25mm
	Black	Blue	Price £	Black	Blue	Price £
25m	PEB20-25M	PE20-25M	24.00	PEB25-25M		28.00
50m	PEB20-50M		46.00	PEB25-50M	PE25-50M	56.00
100m	PEB20-100M		85.00	PEB25-100M		113.00

Coil Size	O.D. 32mm Wall 3.0mm	32mm	O.D. 50mm Wall 4.6mm	50mm	O.D. 63mm Wall 5.8mm	63mm
	Black	Price £	Black ~	Price £	Black ~	Price £
50m	PEB32-50M	91.00	PEB50-50M	205.00	PEB63-50M	255.00
100m	PEB32-100M	174.00	PEB50-100M	383.00	PEB63-100M	512.00

## Pipe Clamp and Spacer



Use round head 8/10 screws. (5mm screw hole in sizes up to 32mm. 6mm screw hole and locking clip in 50mm and 63mm)

mm	Clamp		Spacer	
	Code	Price £	Code	Price £
16	FPCM16	0.70	FPCM16S	0.50
20	FPCM20	0.80	FPCM20S	0.50
25	FPCM25	0.90	FPCM25S	0.60
32	FPCM32	1.20	FPCM32S	0.60
50	FPCM50	1.60	FPCM50S	1.00
63	FPCM63	2.20	FPCM63S	1.40

## Pipe Clips



Quick, neat way of fixing pipe. Zinc pacified. 6mm and 16mm boxed in 100's. 20mm boxed in 50's.

mm	Qty 25	Price £	Box	Price £
6	FPCN6-Q	2.00	FPCN6-H	6.00
16	FPCN16-Q	6.90	FPCN16-H	22.00
20	FPCN20-Q	11.00	FPCN20-L	18.00

## Small Coil Polypipe



Small coils of black 16mm polythene pipe - ideal for garden use. 1.0mm wall thickness.

Length	Code	Price £
25m	PA16-25M	13.00

## Pipe Marking Tape

Complies with WRAS requirements to label all underground irrigation pipes. 250m roll.

Code	Price £
FLWT	79.00

## Pin Plug



Use pin plugs where the wall is too hard to hammer the pipe clip nail in. (Use 5mm masonry drill.)

Qty	Code	Price £
25	FPCPP5-Q	3.70
100	FPCPP5-H	6.80

~ see p52

# Barbed Pipe Fittings

New design - Easier to fit but greater resistance to pressure. 

## Mixed Pack



- 2 x foldover stopend
- 2 x connector
- 2 x tee
- 4 x elbow

mm	Code	Price £
12	FBM12-T	5.60
16	FBM16-T	5.20
20	FBM20-T	5.90

## Connector



mm	Qty 10	Price £	Qty 100	Price £
12	FBK12-T	3.80	FBK12-H	30.00
16	FBK16-T	3.90	FBK16-H	31.00
20	FBK20-T	3.90	FBK20-H	31.00

## Tee



mm	Qty 10	Price £	Qty 100	Price £
12	FBT12-T	5.60	FBT12-H	44.00
16	FBT16-T	4.70	FBT16-H	40.00
20	FBT20-T	5.30	FBT20-H	43.00

## Tee Male Branch



mm	½" M Qty 10	¾" M Qty 10	Price £
16	FBT16-2-T	FBT16-3-T	7.00
20	FBT20-2-T	FBT20-3-T	7.40

## Elbow



mm	Qty 10	Price £	Qty 100	Price £
12	FBE12-T	4.90	FBE12-H	40.00
16	FBE16-T	4.30	FBE16-H	36.00
20	FBE20-T	4.90	FBE20-H	42.00

## Valve - Plastic



FBV



FBV3

mm	poly x poly	¾" M x poly	Price £
6	FBV6-T*		3.60
12	FBV12		1.50
16	FBV16	FBV3-16	1.80
20	FBV20	FBV3-20	1.80

\*FBV6-T is a bag of 10

**Sold singly**

## Stopend



With Cap				
mm	Qty 10	Price £	Qty 100	Price £
16	FBSE16-T	11.00	FBSE16-H	101.00
20	FBSE20-T	11.00	FBSE20-H	101.00

Fold Over				
mm	Qty 10	Price £	Qty 100	Price £
12	TJ12-T	2.70	TJ12-H	25.00
16	TJ16-T	1.80	TJ16-H	15.00
20	TJ20-T	2.40	TJ20-H	20.00

## Reducing Connector



mm	Qty 10	Price £	Qty 100	Price £
16-12	FBK16-12-T	3.90	FBK16-12-H	31.00
20-16	FBK20-16-T	4.30	FBK20-16-H	35.00

## Tee Reducing Branch



mm	Qty 10	Price £	Qty 100	Price £
16-12	FBT16-12-T	6.30	FBT16-12-H	55.00
20-16	FBT20-16-T	6.50	FBT20-16-H	57.00

## Male Connector



mm	½" M Qty 10	¾" M Qty 10	Price £
12		FBK12-3-T	4.80
16	FBK16-2-T	FBK16-3-T	4.30
20	FBK20-2-T	FBK20-3-T	5.10

## Elbow x ¾" Male



mm	Qty 10	Price £
16	FBE16-3-T	6.40
20	FBE20-3-T	6.40

## Female Connector



**Sold singly**

mm	¾" F	Price £
16	FBK16-3F	0.80
20	FBK20-3F	0.90

Union fitting allows easy unscrewing. Built in washer.

Never use barbed fittings underground or at full mains pressure - they are cheap and cheerful but not as reliable as compression fittings. For larger sizes use compression fittings, p42. 

# Compression Fittings for Metric Polythene Pipe

## Coupling



mm	Code	Price £
20	FLK20	3.10
25	FLK25	3.70
25-20	FLK25-20	4.30
32	FLK32	4.90
32-20	FLK32-20	5.50
32-25	FLK32-25	5.80
50	FLK50	12.00
63	FLK63	18.00

## Tee Female Branch



mm	¾"F	1"F	1½"F	Price £
20	FLT20-3F			3.60
25	FLT25-3F	FLT25-4F		4.40
32	FLT32-3F	FLT32-4F		6.10
50			FLT50-6F	17.00
63			FLT63-6F	27.00

## Female Elbow



mm	¾"F	1"F	1½"F	Price £
20	FLE20-3F			2.40
25	FLE25-3F	FLE25-4F		3.30
32		FLE32-4F		3.90
50			FLE50-6F	14.00

## Male Elbow



mm	½"M	¾"M	1"M	Price £
20	FLE20-2M	FLE20-3M		2.30
25			FLE25-4M	3.20

## Male Stud



mm	¾"M	1"M	1¼"M	1½"M	2"M	Price £
20	FLM20-3	FLM20-4				2.10
25		FLM25-4				2.50
32		FLM32-4				3.20
50		FLM50-4	FLM50-5	FLM50-6		8.00
63				FLM63-6	FLM63-8	12.00

## Female Stud



mm	¾"F	1"F	1½"F	2"F	Price £
20	FLF20-3				2.30
25	FLF25-3	FLF25-4			2.50
32		FLF32-4			4.00
50			FLF50-6		10.00
63				FLF63-8	14.00

## Stopcock



Plasson		
mm	Code	Price £
20	FLSC20	30.00
25	FLSC25	33.00
32	FLSC32	44.00
1" BSPF	FLSC4	25.00

## Pipe Liner

For blue water pipe.



mm	Code	Price £
20	PEL20	1.20
25	PEL25	1.50
32	PEL32	1.50
50	PEL50	3.00

## Tee



Fittings for other sizes available to special order

mm	Code	Price £
20	FLT20	4.60
25	FLT25	5.80
25-20	FLT25-20	5.90
32	FLT32	8.50
32-25	FLT32-25	8.50
50	FLT50	17.00
63	FLT63	29.00

## Elbow



mm	Code	Price £
20	FLE20	3.70
25	FLE25	4.30
32	FLE32	6.00
50	FLE50	15.00
63	FLE63	22.00

## Cap and Washer



'O' Ring for easy sealing

F	Code	Price £
½"	FMC2	1.10
¾"	FMC3	1.00
1"	FMC4	1.40
1½"	FMC6	1.90
2"	FMC8	4.00

## Pipe Saddle



mm	6 bar ¾"F	6 bar 1"F	16 bar 1"F	Price £
25	FS25-3			1.50
32	FS32-3	FS32-4		1.50
50	FS50-3			2.00
50			FS50-4	7.60
63			FS63-4	9.00

Installer Approved!  
Not only are these fittings WRC approved - our installers think they are the best thing around - and they have tried them all!

## PoziLock Fittings

- Positive sealing
- Increased pressure resistance

Barbed fittings are a low cost way of connecting low pressure polythene pipe. However, their design means that, occasionally, they may drip. This does not matter on a border but, when clipped to a wall, it can look unsightly. Jubilee clips look a mess and can damage the fitting – making the situation even worse – and high pressure compression fittings are very bulky. Access have introduced a neat and economical solution – a low pressure compression fitting. With a slim design, these fittings fit into the pipe quickly and neatly and can be easily remade if necessary.



*Much easier to fit than barbed fittings - no need for hot water.*

### Straight



mm	Code	Price £
16	FRK16	1.80
20	FRK20	2.00

### Tee



mm	Code	Price £
16	FRT16	3.00
20	FRT20	3.30

### Tap Connector



mm	Code	Price £
16	FRF16-3	2.00
20	FRF20-3	2.00

### Straight - Male 3/4"



mm	Code	Price £
16	FRM16-3	1.20
20	FRM20-3	1.20

### Tee - Male 3/4"



mm	Code	Price £
16	FRT16-3M	2.40
20	FRT20-3M	2.80

### On / Off Valve



mm	Code	Price £
16	FRV16	3.20
20	FRV20	3.30

### Elbow



mm	Code	Price £
16	FRE16	2.30
20	FRE20	2.40

### Tee - Female 3/4"



mm	Code	Price £
16	FRT16-3F	3.30
20	FRT20-3F	3.30

### Barb and Grip Ring

Allows any 3/4" threaded fitting to be used for polythene pipe.



mm	Colour	Code	Price £
16	Green	FRG16	0.80
20	Blue	FRG20	0.80

## Manifold Parts



10 bar rated

*Built in 'O' rings make constructing manifolds really quick and easy.*



Tee	Code	Price £
1" x 1" x 1"	KMAT4	4.00
1" x 1" x 1" FFF	KMAT4F	5.70
1½" x 1½" x 1½"	KMAT6	19.00



Elbow	Code	Price £
1" x 1" FF	KMAE4	3.80
1" x 1" MF	KMAE4MF	2.80
1½" x 1½" MF	KMAE6MF	15.00



Union	Code	Price £
1" x 1"	KMAU4MF	2.20
1½" x 1½"	KMAU6MF	13.00



Cross Piece	Code	Price £
1" x 1" x 1" x 1"	KMAX4	5.80



Union	Code	Price £
1" x 1"	KMAU4	3.40



Nipple	Code	Price £
1" x 1"	KMAN4	1.50
1" x ¾"	KMAN4-3	1.60



Manifold 1"	Code	Price £
2 Way	KMAM2	9.00
3 Way	KMAM3	13.00

## Water Meters



All water meters come with threaded tail pieces to allow removal. Install horizontally. Metal body 16 bar pressure rated. Dial indication 1L - 10,000m<sup>3</sup>.

Meters with electrical output link to Heron panels to allow control by water volume.

Size	Max Flow	Nominal Flow	Code	Price £	Electrical Output	Price £
¾" M	5 m <sup>3</sup> /h	2.5 m <sup>3</sup> /h	EWMA3	91.00	EWMA3E	120.00
1" M	10 m <sup>3</sup> /h	5 m <sup>3</sup> /h	EWMA4	113.00		

*Need to know how much water you are applying? Fit a water meter and keep a check on the readings.*

**For larger Water Meters and Metering Valves contact our Sales Department**

## PTFE Tape



Gas quality - i.e. very thick and you don't need much. Don't waste money on the normal thin type!

Code	Price £
EPTFE-G	2.20

## Tool Kit



## Pressure Gauge



Option of either 63mm liquid filled gauge or 50mm plastic dry gauge. ¼" BSPM thread

Type	Range	Code	Price £
Stainless	0 - 10 bar	EPG-10B	12.00
Plastic	0 - 7 bar	EPG-07B	6.00

The complete starter set for installing irrigation systems. Includes tool box, chamfering tool, pipe cutters and 'C' spanner.

### Pipe Cutters

For pipe up to 32mm



### Chamfering Tool

For pipe 16mm - 63mm. Bevel ends of pipe for easier fitting.

## Pressure Test Kit



Ideal for pressure testing water supplies.

Code	Price £
EPTST	13.00

### 'C' Spanner

For fittings up to 40mm



	Code	Price £
Kit	KHTK	51.00
Cutters	FLCUT	15.00
Chamfer	FLCHAM	23.00
'C' Spanner	FLSP	13.00

## Warning Label



Adhesive warning label suitable for outdoor use. Required on taps, tanks and valve boxes. 125mm x 30mm.

Code	Price £
FLWL	0.60

## Saddle Hole Cutter



Ideal for cutting holes for saddles. Fit saddle before cutting hole. 15mm hole size.

Code	Price £
FLSAD	39.00

## Threaded Valves and Taps

### Ball Valve



PVC single or double plastic unions.  
Full bore ball valve.

VDL		
F	Code	Price £
½"	EVLUT2	13.00
¾"	EVLUT3	15.00
1"	EVLUT4	19.00
1½"	EVLUT6	30.00
2"	EVLUT8	48.00

### Gate Valve



Brass. More frost resistant than a ball valve. More controllable flow.

F	Code	Price £
¾"	EVG3	9.50
1"	EVG4	12.00
1½"	EVG6	25.00
2"	EVG8	40.00

### Check Valve & Strainer



Brass. Conical seating, not a cheap leaky flap.

	F	Code	Price £
Check Valve	¾"	EVC3	11.00
	1"	EVC4	15.00
	1½"	EVC6	34.00
Check Valve with strainer	1"	EVFS4	25.00
	1½"	EVFS6	45.00
Strainer only	1"	EVS4	4.50

### Stopcock



Conforms to Water Regulations when used above ground. See p42 for below ground stop cocks.

F	Code	Price £
½"	EVSC2	15.00
¾"	EVSC3	27.00

### Lever Valve



Brass. Full bore ball valve allows maximum flow.

F	Code	Price £
½"	EVL2	12.00
¾"	EVL3	18.00
1"	EVL4	22.00

### Ice Valve



Frost resistant to -20°C. Ideal for outdoor taps.

Inlet	Outlet	Code	Price £
½"	¾"	EVFV2	23.00
¾"	1"	EVFV3	34.00

### Double Check Valve



Brass. Complies with water regulations.

F	Code	Price £
½"	EVCV2	35.00
¾"	EVCV3	65.00

### Wall Plate



Wall plate with built-in compression fitting.

mm-F		Code	Price £
15mm Conex x ½"	Brass	EWP15-2	5.00
20mm MDPE x ½"	Plastic	EWP20-2	6.00
25mm MDPE x ¾"	Plastic	EWP25-3	9.00

For warning label see page 44.

### ½" Bib Tap



½" M inlet, ½" hose union outlet. Built in check valve to comply with water regulations. ¾" M threaded outlet accepts quick connectors or 'Geka'.

	Code	Price £
With Double Check Valve	ETBC2	20.00
Without Double Check Valve	ETB2	14.00

### ¾" Bib Tap



¾" M inlet, ¾" hose union outlet. Designed for higher flows. 7/8" M threaded outlet accepts 'Geka' 7/8" F adaptor FGBF78. FCT13-78 adapter converts 7/8" thread to ¾" male thread.

Code	Price £
ETB3	36.00
FGBF78	9.00
FCT13-78	16.00

### Quick Coupling Valve and Take Off

Quick couplings are ideal for garden centres and landscape areas. Fit the valve in the ground, then whenever you wish to water, plug in the take-off, and you will be supplied with water automatically. The water shuts off again when the take-off is removed.

**Valve:** Plastic – hinged cap. ¾"M

**Take off:** Plastic – ¾"M

	M	Code	Price £
Valve	¾"	EVQC	9.50
Take-off	¾"	EVQCTO	4.60



## uPVC Pipe and Fittings-Metric

### uPVC Pipe



mm	10 Bar	Price £
20	PM20-1M	1.30
20	PM20-1.25M	1.40
25	PM25-2.5M	5.30
32	PM32-2.5M	7.30
50	PM50-2.5M	13.00

### Drain Valve



		Code	Price £
32mm 1 1/4" F	With Elbow	FMDVE32	5.00
	Without Elbow	FMDV-5F	4.00

### Elbow 90°



**Genuine  
VDL  
Fittings**

mm	Code	Price £
20	FME20	0.90
25	FME25	1.00
32	FME32	1.10
50	FME50	2.00

### Connector



*All of the FMK connectors (except for FMK20-3) will fit inside a fitting one size larger. i.e. FMK25-3 will fit into a FMT32 tee.*

mm	Code	Price £
20 - 3/4" M	FMK20-3	0.80
25 - 3/4" M	FMK25-3	0.80
25 - 1" M	FMK25-4	0.80
32 - 3/4" M	FMK32-3	0.80
32 - 1" M	FMK32-4	0.80
50 - 1" M	FMK50-4	2.20
50 - 1 1/2" M	FMK50-6	2.20

### Socket



mm	Code	Price £
20	FMS20	0.60
25	FMS25	0.60
32	FMS32	0.70
50	FMS50	1.30

### Socket x F



mm	Code	Price £
20 - 1/2" F	FMS20-2F	1.40
25 - 3/4" F	FMS25-3F	1.70
32 - 1" F	FMS32-4F	2.80
50 - 1 1/2" F	FMS50-6F	3.90

### Tee x M, x F



mm		Code	Price £
20 - 1/2" F	Female Branch	FMT20-2F	2.10
25 - 3/4" F		FMT25-3F	2.20
32 - 1" F		FMT32-4F	2.90
32 - 1 1/4" M	Male Branch	FMT32-5	1.30

### Drilled Pipe

mm	Length	Holes	Code	Price £
25	2.54m	1 x 7/16"	PM25-2.5A	5.70

For 7/16" adaptors see L04 p47

### Valve



mm	Code	Price £
20	EVLU20	8.50
25	EVLU25	9.80
32	EVLU32	12.00
50	EVLU50	20.00

### Elbow x F



Glued x 1" Female

mm	Code	Price £
32	FME32-4F	2.60

### Filter Pack



18cm 32mm pipe, connector (modified), 'Geka', filter.

mm	Code	Price £
32	LUPF	22.00

### Cap & Washer



VDL or PALAPLAST

F	Code	Price £
1/2" F	FMC2	1.10
3/4" F	FMC3	1.00
1" F	FMC4	1.40
1 1/2" F	FMC6	1.90
2" F	FMC8	4.00

### Socket (Metric to Imperial)



	Code	Price £
25-3/4"	FMS25/3	0.60
32-1"	FMS32/4	0.70

### Tee



mm	Code	Price £
20	FMT20	1.10
25	FMT25	1.10
32	FMT32	1.10
50	FMT50	2.40

## Reducing Bush



mm	Code	Price £
25 - 20	FMR25-20	0.80
32 - 25	FMR32-25	0.80
50 - 32	FMR50-32	1.50
50 - 40	FMR50-40	1.10
63 - 50	FMR63-50	1.80

**We use VDL fittings - acknowledged to be the best. Repairing joints can be a nightmare without VDL.**

## Union



mm	Code	Price £
20	FMU20	3.30
25	FMU25	4.20
32	FMU32	5.20
50	FMU50	6.40

## Union x M



mm	Code	Price £
25 - 3/4" M	FMU25-3	4.80
32 - 1" M	FMU32-4	5.90
50 - 1 1/2" M	FMU50-6	7.30

## Miscellaneous Fittings

### Glue and Brush\*



Data sheet available

	Type	Code	Price £
125ml	UNI	FMCEM100	8.70
250ml	S3	FMCEM250	16.00
1 L	S3	FMCEM1L	45.00

### Cleaner



Data sheet available.

*Always use pipe cleaner on joints prior to gluing.*

	Code	Price £
250ml	FMCLE250	8.00
650ml	FMCLE650	14.00

### Galvanised Wire



Weight/Approx Length	Code	Price £
0.5kg 30M/100'	ESW-0.5K	5.00
2.5kg 64M/210'	ESW-2.5K	24.00

### Wire Strainer



Nº 2 size.

Code	Price £
ESW	1.60

## Ratchet Strap Black Nylon



Helpful Selection Guide						25 pack	Price £	100 pack	Price £
Pipe size to wire mm	Pipe size to 32mm ridge	Pipe size to 63mm ridge	Max diameter circle mm	Useable length mm	Width mm				
20			23	75	2.4			FPC100-H	1.50
25 & 32			35	110	3.6	FPC150-Q	2.00	FPC150-H	4.00
40	25		50	172	3.6	FPC200-Q	2.70	FPC200-H	6.80
	32	25 & 32	60	270	4.8	FPC300-Q	3.80	FPC300-H	11.00

## Adaptor for Drilled Pipe



L04: KEPW adaptor and KCWR ring drill 7/16" (11mm) hole in uPVC, or use pre-drilled pipe.

Takes downtubes or 6mm sprinklers.

Qty	Code	Price £
10	L04-T	4.40
100	L04-H	36.00

## Downtube Weight



Qty	Code	Price £
10	L-WT-T	4.80
100	L-WT-H	37.00

## Drip-Stop Valve



1.1 bar opening pressure. 6mm F x 6mm M. Can be used either way round.

Qty	Code	Price £
10	KENV-T	10.00
100	KENV-H	91.00

## Downtubes

Downtube, weight, collar, plunger. Collar fits L04, or KEPW, KEPM adaptor.

Bottom plunger takes 6mm M sprinklers.

Length	Qty	Code	Price £
0.3m	10	L41-0.3-T	7.40

## Downtubing



Extra Flexible

Plain tube 6.8 x 4mm flexible PVC.

Length	Code	Price £
100m	P59-100M	75.00

# Sports

Irrigation is vital if surfaces are to be kept green and playable. As well as a wide range of sprinklers and controllers, we can advise on water storage, pumps and supply pipework. These pages contain a sample of the products we offer – a wider range of products, and full data sheets are available online.



DATA SHEET ONLINE

## Hunter I-40



The worlds No 1 sprinkler for sports, the I-40 is tough and reliable

- Radius: 13.4m - 21.6m
- Flow Rate: 1.52 - 6.55m<sup>3</sup>/hr
- Pressure: 2.5 - 6.5 bar
- Popup height: 4"
- Opposing nozzle design on full circle

1" BSPF thread

	Code ~	Price £
I-40 adjustable	<b>KHP40</b>	<b>90.00</b>
Box of 10 adjustable	<b>KHP40BX</b>	<b>705.00</b>
I-40 full circle	<b>KHP40F~</b>	<b>99.00</b>
I-40 adjustable hi-speed	<b>KHP40H~</b>	<b>158.00</b>
Turf cap	<b>KHP40-C~</b>	<b>37.00</b>
8" swing joint 1" x 1"	<b>KHSJ8-4</b>	<b>26.00</b>

Nozzle	Bars	Radius	m <sup>3</sup> /hr
40	4.5	14.0m	2.03
41	5.0	15.8m	2.79
42	5.0	16.8m	3.01
43	5.0	18.0m	3.75
44	6.0	20.1m	5.56
45	6.0	21.3m	6.28

Performance data for I-40 adjustable

## Rainbird 950E



Multi-jet sprinkler for Bowling Greens and Golf courses. Valve in head design.

- Radius: 21.9m - 27.4m
- Flow Rate: 5.22 - 9.20m<sup>3</sup>/hr
- Pressure: 4.1 - 6.9 bar
- Arc: 40° - 345°
- Popup height: 6cm

	Code ~	Price £
950E with #22 nozzle	<b>KB950E</b>	<b>380.00</b>
#20 grey nozzle	<b>KBN20</b>	<b>10.00</b>
#24 yellow nozzle	<b>KBN24</b>	<b>10.00</b>

Nozzle	Bars	Radius	m <sup>3</sup> /hr
20	4.1	21.9m	5.22
20	6.9	25.6m	6.93
22	4.1	22.6m	6.02
22	6.9	25.6m	7.86
24	4.1	23.2m	7.00
24	6.9	27.4m	9.20

DATA SHEET ONLINE

## Carson Valve Box

Heavier duty Valve Boxes for Sports Fields.

	Box	Price £	Spare Lid	Price £	Metal Cover	Price £
10" Round	<b>KHC10</b>	<b>20.00</b>	<b>KHC10LID</b>	<b>8.00</b>		
Standard	<b>KHCSTD</b>	<b>43.00</b>	<b>KHCSTDLID</b>	<b>19.00</b>	<b>KHCSTDLM</b>	<b>127.00</b>
Jumbo	<b>KHCJMB</b>	<b>61.00</b>	<b>KHCJMBLID</b>	<b>25.00</b>	<b>KHCJMBLM</b>	<b>147.00</b>



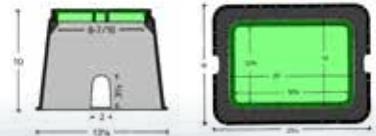
DATA SHEET ONLINE

## Irritec Valve Boxes

Imperial Size	Lid Diameter	Base Diameter	Height	Code	Price £	Spare Lid	Price £
10" round	23cm	30cm	25cm	<b>KHB10</b>	<b>10.00</b>	<b>KHB10LID</b>	<b>4.40</b>
12" x 18" Standard	38 x 25cm	47 x 33cm	30cm	<b>KHB1218</b>	<b>24.00</b>	<b>KHB1218LID</b>	<b>14.00</b>
12" x 22" Jumbo	50 x 34cm	60 x 43cm	30cm	<b>KHB1420</b>	<b>48.00</b>	<b>KHB1420LID</b>	<b>25.00</b>



For warning label see page 44.



**NEW**

## Bowling Green Package

### Fully automated watering for a top quality surface

For the best results with the minimum of effort an automated popup sprinkler system can be installed. This package includes 4 popup sprinklers, each one located half way down the side of the green, pipework that is located in the roll off gutter and a pump, tank and automatic controller. A rain sensor is also included to reduce watering costs.

A full specification and layout plan is available on our website.

#### What you get

- 5,000 litre irrigation storage tank with mains water connection and Water Regulation compliance kit
- Multi-stage stainless steel pump with autostart, pre-assembled and tested
- Irrigation controller with rain sensor
- Pipework from pump to green with necessary fittings
- 4 Popup sprinklers



Area	Code ~	Price £
40m x 30m	<b>SB1G32-43</b>	<b>5395.00</b>
40m x 40m	<b>SB1G32-5K</b>	<b>5795.00</b>

## Manège Package

**NEW**

### Automated dust suppression

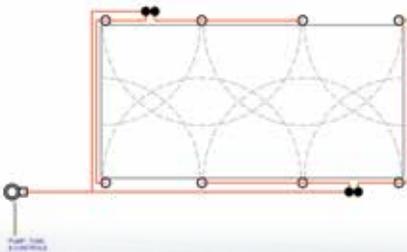
Large sprinklers are located around the perimeter fencing, throwing water into the manège. Includes pipework and a pump and storage tank. An automatic controller will bring the irrigation system on early in the morning to water the manège, keeping dust levels down. A full specification and layout plan is available on our website.

#### What you get

- Large tank to comply with the Water Regulations
- Single phase pump unit to provide the appropriate pressure
- Pipework and valve boxes for perimeter watering
- Automatic controller with the option of wi-fi connectivity



Area	Code ~	Price £
20m x 40m	<b>SMP24</b>	<b>3895.00</b>
20m x 60m	<b>SMP26</b>	<b>5025.00</b>
30m x 60m	<b>SMP36</b>	<b>5695.00</b>



~ see p52

## Rain King Travelling Sprinkler

NEW

**Ideal for keeping pitches watered during dry weather, watering half of the pitch at a time.**

The travelling sprinkler is placed at one end of the pitch and the steel wire run out to the other end of the pitch. Once operating the sprinkler slowly travels down the length of the pitch, shutting off once it has reached the other end. Watering can be done at night to minimise evaporation. One half of the pitch is watered each time, so an entire pitch can be watered over two nights.

**Flow:** 3,000 - 4,100 l/h.

**Diameter:** 34 - 38m @ 3 - 7 bar

Pumped supply normally required.

135m steel cable allows 183m long watering run.

3/4" BSPF inlet fitting - use 1" hose to minimise pressure losses.



Code ~	Price £
EHTS4	1180.00

## Travelling Sprinkler Package

NEW

**Provides pressure and flow for watering pitch**

Travelling sprinklers normally require a pumped system to provide sufficient pressure and flow due to the large amounts of water required to water a pitch.

A large water storage tank fills when the system is not operating, allowing the pump to irrigate half of the pitch overnight. The process is then repeated the next night on the other half.

Includes 50m of underground pipe to run from the pump to the valve box at the end of the pitch.

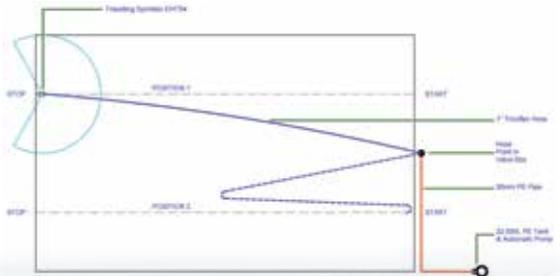
A full specification and layout plan is available on our website.



Code ~	Price £
EHTS4-IP	8095.00

### What you get

- Travelling sprinkler
- 100m hose and heavy duty trolley
- Hydrant box and 50m underground pipe
- Single phase auto-start pump
- 20,800 litre tank with air gap



DATA SHEET ONLINE

## Sports Pitch Strip Sprinkler Package

A low cost method of watering a complete football or Rugby pitch in 10 days using a standard water supply.

Two options are available, for grounds where the pressure and flow are good the system can be run directly from the mains water supply; for faster watering or for poorer supplies a pumped system is available.

The package consists of temporary sprinklers run across the width of the pitch.

The pumped system also includes an underground pipe to run down one side line with 5 take-off points.



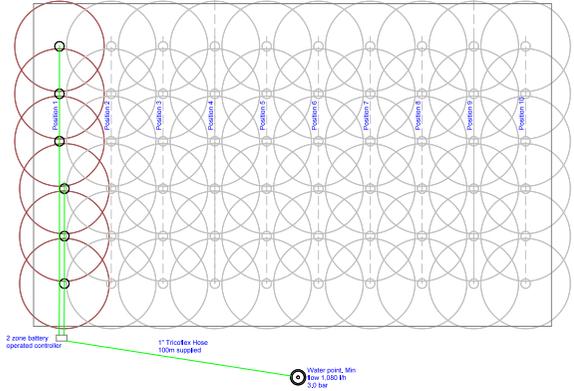
	Code ~	Price £
Mains	STPW6	2525.00
Pumped	STPW-P	4965.00

### What you get (mains)

- 6 sprinkler sleds to cover pitch width
- Connecting hose and 2 hose reel carriers
- 2-zone battery controller to water 3 sprinklers at a time

### What you get (pumped)

- 7 sprinkler sleds to cover pitch width
- Connecting hose and hose reel carrier
- 5 take-off points and 150m underground pipe



## Reel Irrigators

DATA SHEET ONLINE

Reel irrigators are designed to water large grass surfaces such as playing fields or football or rugby pitches. Units will require a water storage tank and pump to provide enough pressure. Reel irrigators incorporate a drum of hose which is unwound manually. Once the irrigator is operating, the hose will automatically be pulled along the grass until it returns to the unit.

### Speedy Rain 32/90

**Hose diameter x length:** 32mm x 90m

**Output range:** 1.68 - 3.60 m³/hr

**Connection pressure:** 3.5 - 5.0 bar

**Wetted width:** 26 - 37m

**Rewind speed:** 10 - 30 meters / hour

Code ~	Price £
EHR132	3159.00



### Speedy Rain 40/130

**Hose diameter x length:** 40mm x 130m

**Output range:** 2.94 - 7.44 m³/hr

**Connection pressure:** 4.4 - 8.0 bar

**Wetted width:** 26 - 44m

**Rewind speed:** 10 - 40 meters / hour

Code ~	Price £
EHR140	5950.00



~ see p52

# Order Information

## Terms and Conditions

These Terms of Business are in addition to our Terms and Conditions of Sale. All orders placed with Access are subject to our Terms and Conditions of Sale unless agreed in writing by a director of Access Irrigation Ltd. A full copy of the Terms and Conditions of Sale is available on request.

## Placing your Order

Please indicate the quantities, reference code and description on all orders. Please also include a contact phone number.

Phone: 01788 823811

We are open Monday - Friday 8.30am - 5.30pm or leave a message outside office hours.

Fax: 01788 824256

Email: [sales@access-irrigation.co.uk](mailto:sales@access-irrigation.co.uk)

A convenient way to order, 24 hours a day.

Online: [www.access-irrigation.co.uk](http://www.access-irrigation.co.uk)

All components are listed online for fast and easy ordering.

## Collection

For a speedy service, phone your order through beforehand.

## Payment Terms

### New Customers

We require payment with order.

### Existing Customers

Existing customers may open a credit account - details are available on request.

### We accept payment by

Cheque, or the following credit and debit cards.



## Damaged Goods

Any goods delivered damaged must be signed for as damaged and notified to us in writing, within 5 days; otherwise no claims can be accepted.

E&OE: Access reserve the right to change products and prices at any time. No part of this Catalogue may be reproduced by any method without prior permission from Access Irrigation Ltd.

## FREE Economy Delivery

Catalogue orders over £100 (ex VAT) will be despatched by post or carrier free of charge if paid by credit / debit card.

This service will normally take 3 – 5 working days longer than the Standard service. The order will generally be held until all items are ready for despatch.

Direct despatch (~) items and bulky/high value items are excluded.

## STANDARD Delivery

Our standard service ensures that orders are normally despatched within 48 hours (over 85% are despatched in 24 hours). Items are despatched using fully traceable 24hr carriers.

Delivery charges for orders paid for by credit/debit card:

£0 - £199 **£10.95**

£200 + **£19.95**

For a faster service, orders will be part despatched if any items are out of stock.

Direct despatch (~) or special order (+) items may take longer. Bulky items may attract a surcharge.

## NEXT DAY Delivery

For really urgent orders, we can arrange for a next day delivery service for items in stock. Please ring through your order to check the stock situation. A delivery surcharge will apply.

## Other Terms

Deliveries to remote areas (eg. Scottish highlands), Northern Ireland, Eire and non-mainland addresses will be charged at cost.

## Orders under £100

For non-priority orders under £100, paid by credit / debit card, the following charges apply:

Under 1kg	1st class post	<b>£4.95</b>
Over 1kg	Economy carrier	<b>£8.95</b>

## Special Terms

Items marked + in the catalogue will be made/purchased to order, and may take a little longer to despatch.

Items marked ~ will be despatched direct from the manufacturer, and may take a little longer to despatch.

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