

**ACCESS**  
Irrigation®



1958 **60** 2018



**2019-20**  
**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 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.



Original cold frames at Crick

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 2019/20 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.



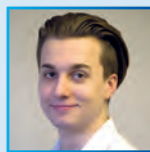
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\* For more information on our free delivery, standard despatch and same day despatch services, see page 52.

# Liquid Feeding

**Max operating pressure 2.5 bar.** A pressure regulator must be fitted to all systems capable of delivering above 2.5 bar. 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.

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 25:1 50:1 100:1	<b>ADS</b> (normal flow)	64.00
9.0L 2 gal	1.1m <sup>3</sup> /h 250 gph	6.8m <sup>3</sup> /h 1500 gph	'Geka'	50:1 100:1 200:1	<b>ADSH</b> (high flow)	69.00

## Mobile Dilutor

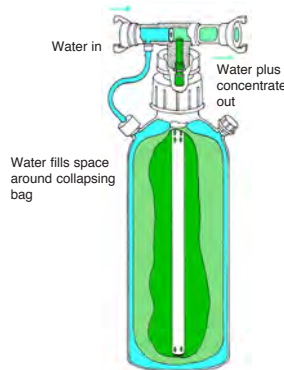


The Mobile Dilutor gives extra versatility. The liquid feed is kept inside an inner bag. This has a number of advantages, the unit need only be part filled, it can be moved from tap to tap without disturbing the final dilution rate and it can be left part-filled overnight.

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

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

Capacity	Flow Rate		Connector Type	Jets Supplied	Code	Price £
	min	max				
6.5L 1.4 gal	0.3m <sup>3</sup> /h 60 gph	3.4m <sup>3</sup> /h 750 gph	'Geka'	100:1 150:1 200:1	<b>ADM</b>	109.00



## Dilutor Spares

	ADS	Price £	ADSH	Price £	ADM	Price £
Replacement Bottle *	<b>ADS-BTL</b>	28.00	<b>ADS-BTL</b>	28.00	<b>ADM-BTL</b>	33.00
Replacement Head and boss *	<b>ADS-HBA</b>	29.00	<b>ADSH-HBA</b>	29.00		
1 downtube and jet pack * (ADM jet pack only)	<b>ADS-JTP</b>	6.00	<b>ADSH-JTP</b>	6.00	<b>ADM-JP</b>	4.00
Replacement head assembly					<b>ADM-HDA</b>	30.00
Replacement boss and stem					<b>ADM-BSA</b>	30.00
Replacement inner bag *					<b>ADM-BAG</b>	14.00
Pressure regulator kit with Gekas (all models) *	<b>AD-PR</b>	23.00	* compatible with post 2005 units			



AD-PR pressure regulator



## Dosmatic Injectors

DATA  
SHEET  
ONLINE

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

OTHER  
MODELS  
ONLINE

**Dosmatic's** 3yr Cover and Body

Unique

**3 2 1**  
Warranty

2yr Motor

1yr Lower end

Conditions apply please ask for details

**Hydraulic motor**  
Proportional injection  
with no need for  
electricity

**Mounting**  
Sturdy easy fix bracket

**Easy adjustment**  
Percentage and  
ratio scales

**On / Off lever**  
Flick lever to stop  
chemical injection

**Durable body**  
Constructed from  
chemical resistant  
materials

**Mix chamber**  
No chemicals mix with  
the motor unit

**Remote injection**  
For aggressive chemicals

**Durable seals**

INCREDIBLE  
VALUE

## SuperDOS



The SuperDOS is the workhorse of the range, handling flows between 34–6800 l/h (A30) or 34–8000 l/h (A45) 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	309.00
A30-2.5	34 - 6,800	0.5 - 2.5	500:1 - 40:1	1" M	EIDA30	409.00
A45-2.5	34 - 10,200	0.5 - 2.5	500:1 - 40:1	1½" M	EIDA45	479.00

# Nursery

5% off if you  
order 3 or more kits

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



**Remember,  
these are  
complete kits!**

**Glasshouses**

**Tunnels**

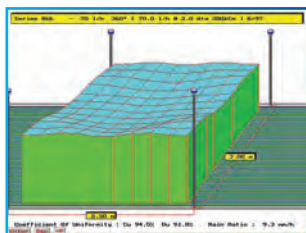


The Access Mini-spin nozzle gives a very even level of distribution.

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.**

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	ft	3.0m 10'	4.2m 14'	5.5m 18'	6.4m+7.3m 21'+24'	8.2m 27'	9.1m 30'		4.5m 15'	6.1m 20'	9m 30'
10	31	63.00	63.00	114.00	114.00	114.00	114.00		51.00	110.00	110.00
12.5	41	65.00	65.00	122.00	122.00	122.00	122.00		55.00	117.00	117.00
15	49	70.00	70.00	153.00	153.00	153.00	153.00		58.00	142.00	142.00
17.5	57	75.00	75.00	161.00	161.00	161.00	161.00		62.00	149.00	149.00
20	66	76.00	76.00	167.00	167.00	167.00	167.00		68.00	157.00	157.00
22.5	74	81.00	81.00	176.00	176.00	176.00	176.00		72.00	164.00	164.00
25	82	85.00	85.00	183.00	183.00	183.00	183.00		76.00	173.00	173.00
27.5	90	116.00	116.00	214.00	214.00	214.00	214.00		97.00	197.00	197.00
30	98	119.00	119.00	221.00	221.00	221.00	221.00		101.00	205.00	205.00
32.5	107	123.00	123.00	232.00	232.00	232.00	232.00		104.00	222.00	222.00
35	115	127.00	127.00	253.00	253.00	253.00	253.00		108.00	233.00	233.00
37.5	123	132.00	132.00	262.00	262.00	262.00	262.00		112.00	245.00	245.00
40	131	135.00	135.00	292.00	292.00	292.00	292.00		116.00	270.00	270.00
42.5	139	139.00	139.00	299.00	299.00	299.00	299.00		120.00	277.00	277.00
45	148	143.00	143.00	307.00	307.00	307.00	307.00		124.00	286.00	286.00
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

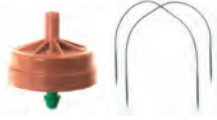
Supplied with 2.5m lengths of pre-drilled and socketed uPVC pipe, Access Mini-spin nozzles, drip-stop valves, downtubes (tunnels only). Entry filter and 'Geka' hose fitting. Twin lines (3.0m/4.2m/4.5m widths are single line) include linkage pipework and on/off valves to each line. **Fixings supplied:** 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	17.50	D4N-H	66.00
6 l/h	HCNL	D6N-Q	15.00	D6N-H	59.00
8.5 l/h	LCNL	D8N-Q	18.00	D8N-H	68.00
4-way manifold		D8N4L-Q	48.00	D8N4L-H	189.00

## 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.

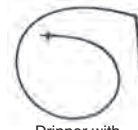
Available as dripper only, or with 50cm or 80cm lead and Prevo 'S' stake.

LCNL operating pressure: 0.7 - 4.0 bar

HCNL operating pressure: 1.5 - 4.0 bar



Single dripper



Dripper with 80cm lead

Dripper only		Pack of 25		Pack of 100	
Output	Type	Code	Price £	Code	Price £
1.2 l/h	HCNL	D1PCH-Q	8.00	D1PCH-H	30.00
2 l/h	HCNL	D2PCH-Q	8.00	D2PCH-H	27.00
2 l/h	LCNL	D2PCJ-Q	5.00	D2PCJ-H	19.00

Dripper & Lead			Pack of 25		Pack of 100	
Output	Type	Length	Code	Price £	Code	Price £
1.2 l/h	HCNL	50cm	D1CNHA-Q	10.00	D1CNHA-H	36.00
2 l/h	HCNL	50cm	D2CNHA-Q	10.00	D2CNHA-H	36.00
2 l/h	LCNL	80cm	D2CNJA-Q	10.00	D2CNJA-H	36.00

## 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	20.00
	100	D2ENPA-H	77.00
Stake	25	DAP-Q	5.00
	100	DAP-H	18.50

## Punches



Description	3mm	Price £
Budget Hand Punch	DPB3	5.50
Punch pliers 16/20mm	DPP3	14.00
Punch pliers 25/32mm	DPPL3	16.00

## 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	8.00
100	D2NSL-H	30.00
500	D2NSL-5H	142.00

## Dripper Leads



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



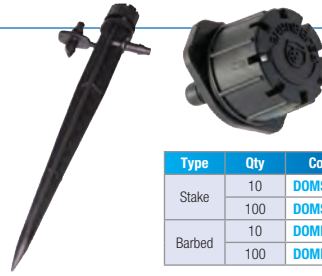
Length	Qty	Code	Price £
80cm	25	DL80-Q	4.00
80cm	100	DL80-H	14.00
20m	1	P13-20M	11.00
	25	DNIP-Q	2.50
	100	DNIP-H	7.00



## Octamitter

Adjustable, non-compensated dripper – ideal for larger pots and planters. Stake model has double barb to allow connection into a 16mm or 20mm supply pipe. Barbed version can be directly mounted on a pipe. Unscrew the cap one click at a time to adjust the flow. Adjustable between 0 and 40 l/h.

Simple pin type dripper is not as sophisticated as modern pressure compensated drippers and are more liable to blocking. Requires 3mm punch – see p5; for connecting pipe use P13-20m – see p27.



Type	Qty	Code	Price £
Stake	10	DOMS-T	6.50
	100	DOMS-H	46.00
Barbed	10	DOMB-T	4.00
	100	DOMB-H	31.00

## Dripper / Micro Sprinkler

Designed for large planters and narrow borders. Unscrew the cap one click at a time to alter the flow and wetting diameter. Adjustable between 0 and 90 l/h. Max diameter 4.0m.

Requires 3mm punch – see p5; for connecting pipe use P13-20m – see p27.



Qty	Code	Price £
10	DGSS-T	8.00
100	DGSS-H	72.00

## T-tape for Glasshouses

DATA  
SHEET  
ONLINE



Designed for row crops in glasshouses, each dripper is just 20cm apart.

- Advanced design suited to glasshouse watering
- Use in flower crops, vegetable and capillary beds
- Economical with water
- Allows easy feeding
- Dry (disease free) foliage
- Low labour costs

Reel Size	Code	Price £
375m	TT10-500-S	86.00

Diameter	16mm
Wall thickness	0.25mm
Emitter spacing	20cm
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 instructions. Has 'Geka' entry and exit fittings.

### Header pack

Contains fittings to create a header, with 'Geka' entry fitting and stop-end fittings. The water supply can either be supplied into the centre or end feed. Does not include header pipe – use 16mm or 20mm pipe.

Description	Code	Price £
Starter Pack	LHPSP	39.00
Header Pack	LHPC	16.00

## 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	5.00
100	TTE16-H	44.00

## Joiner



Code	Price £
TT16J	0.40

## Punch



4mm	Code	Price £
Budget Hand Punch	DPB4	6.50
Punch Pliers 16/20mm	DPP4	11.00

## 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).

### What you get:

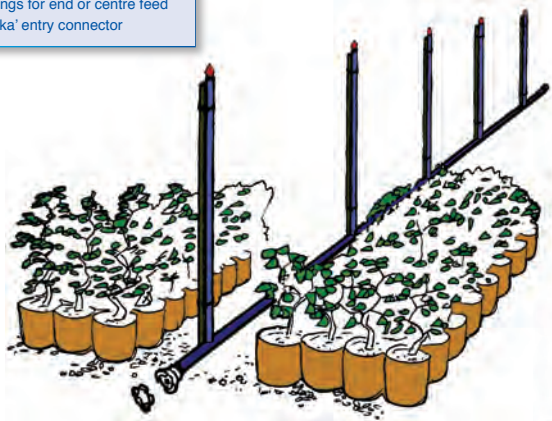
- 10 risers 1.2m high
- Sprinklers (3 sets in medium kit)
- 50m of 20mm pipe
- Fittings for end or centre feed
- 'Geka' entry connector

For small bed kits see p19.

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

Code	Price £
SKDC	88.00

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

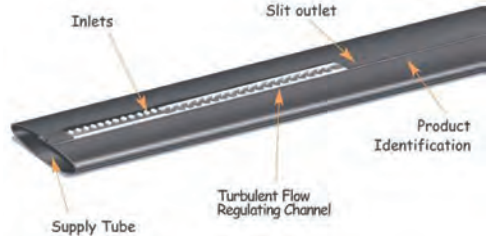


## T-tape

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	125 l/h	3048m	TT06-125	190.00
		20cm	250 l/h	3048m	TT06-250	190.00
		20cm	500 l/h	675m	TT06-500-S	87.00
		20cm	500 l/h	3048m	TT06-500	190.00
		30cm	170 l/h	3048m	TT06-170	190.00
TSX 510	250 micron	30cm	340 l/h	3048m	TT06-340	190.00
		20cm	500 l/h	1829m	TT10-500	166.00
		60cm	210 l/h	1829m	TT10-210	172.00



Fittings:	Code	Price £
¾" BSPM	TTK16-3	0.40
16mm poly pipe	TTK16-16	0.40
Header take off	TTK16-T0	0.40
Joiner	TT16J	0.40

Ring to check availability



TTK16-3



TTK16-16



TTK16-T0



~ 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.

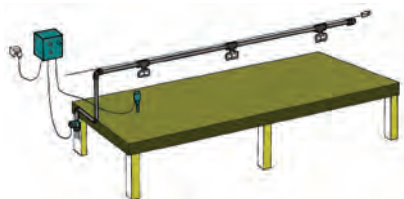
Code	Price £
MAMWCL	208.00

**Pre-wired**

Polyphosphate filter available for hard water areas (page 9)

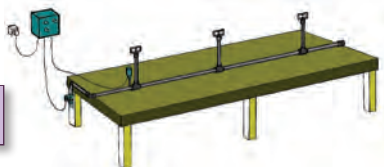
For larger units, Heron panels with multiple wet leaf interfaces are available. Contact our Sales Department.

## Overhead Kit - Single Bench



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

## Riser Kit - Single Bench



**Twin Bench kits available**

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

Length (m)	1m wide bench	Price £
1	MA1H1	279.00
2	MA1H2	305.00
3	MA1H3	333.00
4	MA1H4	363.00
5	MA1H5	392.00
6	MA1H6	421.00
7	MA1H7	450.00
8	MA1H8	478.00
9	MA1H9	507.00
10	MA1H10	536.00
Extra 1m run	MNH1.0M	31.00

Length (m)	1.5m wide bench	Price £
1.25	MA2H1	277.00
2.50	MA2H2	306.00
3.75	MA2H3	335.00
5.0	MA2H4	366.00
6.25	MA2H5	392.00
7.5	MA2H6	421.00
8.75	MA2H7	451.00
10	MA2H8	479.00
11.25	MA2H9	508.00
12.5	MA2H10	538.00
Extra 1.25m run	MNH1.25M	31.00

Length (m)	1m wide bench	Price £
1	MA1V1	263.00
2	MA1V2	283.00
3	MA1V3	302.00
4	MA1V4	321.00
5	MA1V5	340.00
6	MA1V6	360.00
7	MA1V7	379.00
8	MA1V8	398.00
9	MA1V9	418.00
10	MA1V10	443.00
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	302.00
5.0	MA2V4	321.00
6.25	MA2V5	340.00
7.5	MA2V6	360.00
8.75	MA2V7	379.00
10	MA2V8	398.00
11.25	MA2V9	418.00
12.5	MA2V10	437.00
Extra 1.25m run	MNV1.25M	22.00



## 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

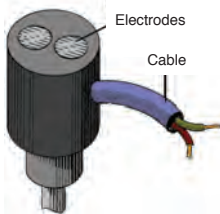
In 'hard water' areas Calcium precipitates out of the water supply causing scale build up on pipe walls, dripper outlets and plant leaves. Traditionally Nitric acid dosing is used to sequester the calcium, requiring large quantities of acid.

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	19.00

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

## Pre-made Heat Mat



Heating elements are laminated between high grade aluminium foil for even heat distribution.

All mats include a high accuracy probe thermostat.

3 year warranty

Unlike soil warming cables, heat mats need no heavy sand and give much more even coverage.

	Code	Price £
1.0m x 2.0m	EHM1020	263.00

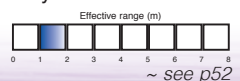
## Amber Mist Nozzle

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



# 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	4.90	KEAF020-H	39.00

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



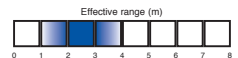
## Vibro-spin

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	4.40	KE060-H	33.00
70 l/h	Black	2.0m	1.8m	KE070-T	4.40	KE070-H	33.00
105 l/h	Blue	2.5m	2.0m	KE105-T	4.40	KE105-H	33.00

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



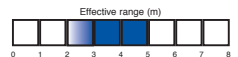
## Mini-spin

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	7.30	KES040-H	65.00
70 l/h	Black	3.0m	2.5m	KES070-T	7.30	KES070-H	65.00
105 l/h	Blue	3.2m	2.5m	KES105-T	7.30	KES105-H	65.00
120 l/h	Red	4.0m	3.0m	KES120-T	7.30	KES120-H	65.00

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



## 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	6.60	KESU070-H	58.00
105 l/h	Blue	5.2m	2.5m	KESU105-T	6.60	KESU105-H	58.00
120 l/h	Red	5.5m	2.5m	KESU120-T	6.60	KESU120-H	58.00
160 l/h	Brown	5.7m	2.5m	KESU160-T	6.60	KESU160-H	58.00

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



DATA SHEET ONLINE

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	45.00
100	KRGV-H	314.00

## 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	13.50
100		KRBS-H	101.00

## 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	KRSR-T	22.00
100		KRSR-H	190.00

## Spiked Riser



- Use on grass or soil
- Connect hose with 'Geka' hositails or plastic Quick Connector
- ½" BSPM sprinkler fitting
- Includes adaptor for Eindor taper nozzles



	Height	Code	Price £
'Geka' fittings	0.7m	KRST0.5	14.00
QC inlet	0.7m	KRST0.5Q	14.00

## Small Shrub Head

This nozzle has a ½" 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	13.00

Adjustable Arc

Output			
Nozzle	Bars	Radius	m³/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 ¾" 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	13.50

Adjustable Arc

Output @ 3.5 bar		
Nozzle	Radius	m³/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	200 l/h	300 l/h
Pressure Range	1.5 - 3 bar	1.5 - 3 bar
Diameter	14.5 - 15m	12 - 14m
Code	KN5-200	KN5-300
Price £	5.50	5.00

## 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	360 l/h
Pressure Range	2 - 4 bar
Diameter	19m
Code	KN52-360
Price £	8.90

## 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	500 l/h	950 l/h	950 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 £	7.50	7.50	13.50

\*at higher pressure

## Adaptors



A

B

C

Adaptor	Riser	Sprinkler	Code	Price £
A	3/4" BSPM	1/2" BSPF	FPTI2-3	0.65
B	1/2" BSPM	1/2" BSPM	FPTS2	0.50
C	3/4" BSPM	1/2" BSPM	FPTS3-2	0.80





## 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	41.00
Naan 501	1.06M	KRLS-N	46.00

**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	40.00
Naan 501	1.06M	KRLX-N	45.00

**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	43.00
Naan 501	0.36m	KRDT-N	48.00

## Spike with Sprinkler



- Metal spike for turf watering with ¾" 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	18.00

# 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	56.00
400AL	'Geka' type	ELANCE60DG	56.00
170AL	Quick Conn	ELANCE60DQS	50.00

### 75cm Lance

Rose	Fitting	Code	Price £
400AL	Quick Conn	ELANCE75DQ	66.00
400AL	'Geka' type	ELANCE75DG	66.00
170AL	Quick Conn	ELANCE75DQS	59.00

## 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	23.00
2	170AL	EHPRB	16.00
3	1000PL	EHPRC	18.00
	Filter	EHPRD	22.00
	Rubber cap for rose 1 and 3	EHPRE	2.10

## Metal Spray Gun

6 function spray gun with brass quick connector.



	Code	Price £
Metal spray gun	EHGUN	16.00

## Geka Lances

### "Softtrain" Lance

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

To use with hose Quick Connectors, replace the 'Geka' with an FQCBM3 (page 18)



Length	Code	Price £
40cm	ELANCE40	32.00
60cm	ELANCE60	34.00
90cm	ELANCE90	36.00

### Telescopic Lance

Extendable from 1.6m to 2.8m large alloy rose with 'Geka' fitting.



	Code	Price £
35°	ELANCEX	105.00
135°	ELANCEXS	105.00

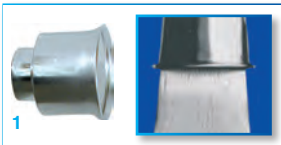
### 60cm Trigger Lance

Quick acting trigger for water efficiency with large alloy rose and choice of hose connectors. **Do not use with Dilutors.**



	Code	Price £
Quick Conn	ELAN60TQ	43.00
'Geka' type	ELAN60TG	43.00

## Watering Roses



No.	Rose	Code	Price £
1	Large Alloy	EHRAR	7.50
2	Small Alloy	EHRAS	11.00
3	Spare Metal Tap	EVL3MF	8.50

## 'Geka' Type Hose Fittings

Uncouples with a ¼ turn. Allows different size hoses to be joined.



### Male BSPM



Qty	Code	Price £
1/2"	FGBM2	2.40
3/4"	FGBM3	2.60
1"	FGBM4	2.70

### Female BSPM



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

Qty	Code	Price £
1/2"	FGBF2	2.50
3/4"	FGBF3	2.50
7/8"	FGBF78	7.80
1"	FGBF4	2.60

### Hosetail



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

Qty	Code	Price £
1/2"	FGBH2	2.50
3/4"	FGBH3	2.70
1"	FGBH4	3.20

### Spare Seals

Pack of 10 in re-sealable bag



Code	Price £
FGRS-T	3.40

### Blanking Cap



Code	Price £
FGBSE	2.60

### 'Y' Piece



Code	Price £
FGBY	12.50

### Hose Clips



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

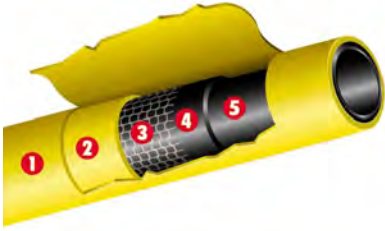
Range	Hose Size	Code	Price £
13-20mm	1/2"	FHC2	0.80
17-25mm	3/4"	FHC3	0.90
25-35mm	1"	FHC4	1.00
35-50mm	1 1/4"-1 1/2"	FHC6	1.10
50-70mm	2"	FHC8	1.20



## 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 £
½"	PHT2-25M	29.00	PHT2-50M	59.00	PHT2-100M	117.00
¾"	PHT3-25M	50.00	PHT3-50M	100.00	PHT3-100M	200.00
1"	PHT4-25M	77.00	PHT4-50M	153.00	PHT4-100M	308.00

## 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 £
¾" - 1" Male	FHB3-4	6.60
1" - 1" Male	FHB4-4	7.00
¾" - ¾" Female	FHB3-3F	3.40
¾" - 1" Female	FHB3-4F	7.30
1" - 1" Female	FHB4-4F	4.50

## Aquaflex Hose

An outstanding all-terrain UV stabilised multilayer hose that delivers **exceptional durability**, flexibility and water flow performance.

Manufactured in the UK using specially formulated materials, Aquaflex offers **excellent anti-kink properties** and resistance to repeated bending and is the ideal choice for watering and irrigation purposes.

The exclusive braiding reinforcement technique helps to provide **superior burst resistance** and working pressures that exceed those of similar products in the professional hose market.



Size ID	25m Coil		50m Coil		100m Coil	
	Code	Price £	Code	Price £	Code	Price £
¾"	PHA3-25M	44.00	PHA3-50M	88.00	PHA3-100M	176.00



## Hose Trolleys



1

Bolted steel frame with solid tyres



2

Welded steel frame with solid tyres  
(Pneumatic tyres on 2b)



3

Welded steel frame with pneumatic tyres



4



5 Swivel

No.	Capacity (m)			Connector	Code	Price £
	½"	¾"	1"			
1	100	70		QC	<a href="#">EHRC2</a>	121.00
2a	100	60		¾" hose	<a href="#">EHRC3</a>	177.00
2b	150	100		1" hose	<a href="#">EHRC3L</a>	365.00
3a	80	45		'Geka'	<a href="#">EHRC4S</a>	348.00
3b	120	70		'Geka'	<a href="#">EHRC4</a>	410.00
4a	50	40		½"	<a href="#">EHRWS2</a>	128.00
4b	100	70		½"	<a href="#">EHRWL2</a>	175.00
5	50	40		½"	<a href="#">EHRWSV</a>	157.00

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 £
<a href="#">EHHH</a>	41.00



## Manifolds

Top quality Italian fittings

### 2 Way Manifold



- Built in taps
- Teflon seals
- Protect from frost

	Code	Price £
¾" M threads	ET2M3	24.00
Quick connector	ET2MQ	20.00

### 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	36.00

## Brass Quick Connectors Compatible with plastic systems

### Tap Connector



¾" F for ½" tap.

Code	Price £
FQCBT3	2.80

### Male Adaptor



½" or ¾" male thread.

	Code	Price £
½"	FQCBM2	2.70
¾"	FQCBM3	2.70

### ¾" Male Adaptor



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

Code	Price £
FQCBS3	7.90

### Hose Connector



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

	Code	Price £
½"	FQCBH2	7.00
¾"	FQCBH3	8.50

### Shut off Connector



For ½" hose. Shuts off when disconnected.

	Code	Price £
½"	FQCBH2S	8.40

### Hose-Hose Connector



For ½" and ¾" hose. Joins 2 hoses.

	Code	Price £
½"	FQCBH2	5.90
¾"	FQCBH3	7.50

### Revolving Elbow



¾" female thread.

Code	Price £
FQCE3	8.40

### Easy-fit 'Geka' Hosetail



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

	Code	Price £
½"	FQCBG2	6.70
¾"	FQCBG3	7.60

### Barbed Hose Connector



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

Code	Price £
FQCBG3	8.40

### Hose Coupler



Joins 2 hose connectors.


Code	Price £
FQCBK3	3.20

### 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	89.00

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	54.00



## Components

### Installing large numbers of systems? Then buy in Bulk!

	10 Pack	Price £	100 Pack	Price £
Stake Sets	KRBS-T	13.50	KRBS-H	101.00
Stake only	KESL-T	5.50	KESL-H	50.00
Head only	KEH-T	1.60	KEH-H	14.50
1m lead	L42-1.0-T	7.50	L42-1.0-H	70.00
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.



## Octamitter Kit

- Adjustable from 0 - 40 l/h
- Gentle watering

Designed for planters on the patio, the kit includes 16mm pipe to run around the perimeter, small bore pipe to take the supply to the tub, then an adjustable Octamitter for each tub. The watering rate can be increased for bigger pots, or the unit can be switched off.

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

### What you get:

- 10 Octamitters
- 25m supply pipe
- Barbed fittings
- Tap connector
- Hose connector

Code	Price £
SH10BK	42.00



## Ground Sprayer Kit

- Designed for very narrow beds
- Adjustable spray diameter

Designed for narrow borders up to 2.5m wide. System consists of adjustable sprinklers and a black pipe that runs the length of the border.

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

### What you get:

- 10 Micro sprayers
- 25m supply pipe
- Barbed fittings
- Tap connector
- Hose connector

Code	Price £
SS10BK	45.00



## 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	241.00

**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  
ONLINE



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

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.



### What you get:

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

*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.*

Code	Price £
SLW3	87.00

## Galcon Tap Manifold



Simple way of fitting Galcon to the tap, creating up to 4 separate zones. Includes controller and link pipe, but not tap.

DB valve option provides compliance with the Water Regulations in house gardens.

Inlet: ¾" F

Outlet: ¾" M or 1" F

	Code	Price £
2 zone	EPAG02	209.00
3 zone	EPAG03	239.00
4 zone	EPAG04	274.00
DB Valve	EPAGDB	135.00

## Hunter Hybrid Tap Manifold



Sophisticated multi-zone battery operated controller capable of handling up to 12 irrigation valves. Includes controller and link pipe, but not tap.

DB valve option provides compliance with the Water Regulations in house gardens.

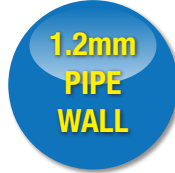
Inlet: ¾" F

Outlet: ¾" M or 1" F

	Code	Price £
6 zone	EPAG06	389.00
8 zone	EPAG08	527.00
12 zone	EPAG12	664.00
DB Valve	EPAGDB	135.00



## Permadrrip Pro



### 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



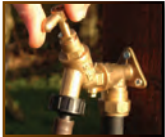
Measure bed



Lay and peg



Connect up



Connect to tap



For Barbed Fittings  
see p41



### Your Questions Answered

#### How far apart do I space Permadrrip?

Space runs 0.6m apart. Use the 0.3m spacing Permadrrip 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 Permadrrip 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 (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 Permadrrip 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

Length	Spacing	Code	Price £
25m	0.15m	TNT0.15-Q	38.00
100m	0.15m	TNT0.15-H	133.00
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

## 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	35.00
Large	60m <sup>2</sup>	SPBK	99.00

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.

## 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 fold-over stop end connector to cap off the far end of the pipe, and a straight connector in case plain pipe (see p40) is being used to connect from the tap to the border.

Code	Price £
FBSP16	5.00



## Air/Vacuum Relief Valve



Required for all Permadrip installed underground. Fit to the highest point of each dripline to prevent dirt entering the drippers.

Code	Price £
TNARVT	10.00

## 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	ESS16-8H	199.00



## Rotator Sprinklers



- Matched Precipitation
- NEW side strip
- Water efficient



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>2.20</b>
Box of 10 sprinklers	<b>KHPPRBX</b>	<b>17.00</b>
4" Pro body (2.8 bar regulated)	<b>KHPPH</b>	<b>8.80</b>
Box of 10 sprinklers	<b>KHPPHBX</b>	<b>67.00</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.



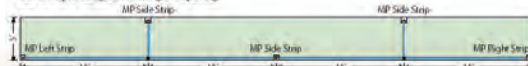
Strip Sprinklers			
Coverage	Nozzle @	Code	Price £
Between 1.2m x 3.7m and 1.8m x 5.2m	L/H Corner	<b>KHMP LH</b>	<b>8.10</b>
	R/H Corner	<b>KHMP RH</b>	<b>8.10</b>
Between 1.2m x 7.3m and 1.8m x 10.4m	Centre of one side	<b>KHMP SS</b>	<b>8.10</b>

Radius	Radius @ 2.8 bar	Arc	Colour	Code	Price £
2.6 - 3.5m	3.0	90° - 210° 360°	Orange / Grey Lime Green	<b>KHMP8A</b> <b>KHMP8C</b>	<b>8.20</b> <b>8.20</b>
3.5 - 4.5m	4.1	45° - 105° 90° - 210° 210° - 270° 360°	Turquoise Maroon Lt. Blue Olive	<b>KHMP1D</b> <b>KHMP1A</b> <b>KHMP1B</b> <b>KHMP1C</b>	<b>8.20</b> <b>8.10</b> <b>8.20</b> <b>8.10</b>
4.9 - 6.4m	5.8	90° - 210° 210° - 270° 360°	Black Green Red	<b>KHMP2A</b> <b>KHMP2B</b> <b>KHMP2C</b>	<b>8.10</b> <b>8.10</b> <b>8.10</b>
7.6 - 9.1m	9.1	90° - 210° 210° - 270° 360°	Blue Yellow Grey	<b>KHMP3A</b> <b>KHMP3B</b> <b>KHMP3C</b>	<b>8.10</b> <b>8.10</b> <b>8.10</b>
9.4 - 10.7m	10.7	90° - 210°	Light Brown	<b>KHMP4A</b>	<b>8.20</b>
Hunter MP rotator nozzle adjustment key					<b>2.00</b>
Threaded female adaptor to 1/2" BSPM thread					<b>2.00</b>
Operating pressure: 1.7 bar-3.8 bar. Largest radii are achieved at max pressure					

■ Sample design with rectangular spacing



▲ Sample design with triangular spacing



## 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																
PGJ			✓													
I20	✓	✓	✓													
I25	✓	✓	✓													

## 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	10.50
Box of 10	KHPGJBX	80.00
Check Valve	KHPGJC	2.00

Nozzle	Bars	Radius	m <sup>3</sup> /hr
0.75	2.8	4.9m	0.17
1.0	2.8	5.8m	0.23
1.5	2.8	6.7m	0.34
2.0	2.8	7.6m	0.45
2.5	2.8	8.5m	0.57
3.0	2.8	9.4m	0.68
4.0	2.8	10.4m	0.91
5.0	2.8	11.3m	1.14

Large sports sprinklers available (page 49)

## 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

	Code	Price £
4" sprinkler body	KHPGP	13.00
Box of 10 sprinklers	KHPGPBX	96.00
Short radius nozzles	KHP-NSR	1.00
Check Valve (3m)	KHPGPC	2.00

Low Angle Nozzles @ 3.5 bar			
Nozzle	Radius	m <sup>3</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	

### 3 Year Guarantee

Short Radius Nozzles @ 3.5 bar		
Nozzle	Radius	m <sup>3</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>3</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

## 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

	Code	Price £
4" sprinkler body	KHP20	27.00
Box of 10 sprinklers	KHP20BX	216.00
Short radius nozzles	KHP-NSR	1.00

Low Angle Nozzles @ 3.5 bar			
Nozzle	Radius	m <sup>3</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	

### 5 Year Guarantee

Short Radius Nozzles @ 3.5 bar		
Nozzle	Radius	m <sup>3</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>3</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



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	59.00

Nozzle	Bars	Radius	m <sup>3</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	2.40
12" swing joint ¾" top	KHSJ12-3	2.40

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 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

#### What you get:

- 25 drippers
- 25 stakes
- 100 pipe clips
- 3 Branching tees
- 40m of pipe
- Fittings
- Tap connector & Filter

**Saves hours of time!**

**Waters up to 25 baskets**

Maximum Number of Drippers			
Pipe Length	Water fed in at:		Spacing Type
	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



Code	Price £
DW25BK	48.00

## 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.



Kit	Code	Price £
Large	DWCP	155.00
Small	DWCPH	105.00

### 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

## Components

Installing large numbers of basket systems?  
Then buy in bulk!

		Code	Price £
Drippers	10	D2PCT-T	7.00
	25	D2PCT-Q	15.00
	100	D2PCT-H	55.00
Stakes	25	DAS-Q	3.00
	100	DAS-H	9.50
Supply Pipe Only	100m	P14-100M	26.00
Supply or Driller Pipe	20m	P13-20M	11.00
Branching Tees	10	FBT6-T	3.00
	100	FBT6-H	19.00
Straight Connectors	10	FBK6-T	2.00
	100	FBK6-H	9.80
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: ¾"F Outlet: ¾"M

	Code	Price £
DB Valve	EVDB3	97.00
Fixing Kit	EVDB3KT	2.50



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

## Hanging Basket Feeder

NEW

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	44.00
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
✓ 1 min - 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	44.00
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	105.00
4 station controller only	EPAGDC4	94.00
1" valve for 4 station (fit up to 4)	EPAGV	29.00
Battery (1 needed)	C280-9V	1.90
Rain sensor	ERSB	50.00

• Rain off button	• For outdoor use
• Each station can be programmed independently	
✓ 4 starts per day	✗ Cycling option
✓ 1 min - 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	55.00
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
✓ 1 min - 12hr watering time	✓ 1 year battery life (average)
✗ Seasonal adjust	✗ Rain sensor option

## Multi Valve Bluetooth Controller

No more grovelling around programming controllers in valve boxes, with this new, fully waterproof 4 zone controller. Using Bluetooth to programme the valve, the controller itself is IP68 rated and allows the connection of a rain sensor and also a master valve.

The App is able to store the details of up to 200 controllers, as well as manually start, stop or suspend the controllers from up to 10m away. Battery levels can also be detected and a passcode can be added for additional security.

• Fully waterproof design	• Bluetooth enabled
• App available	• Uses 9v DC valves
✓ Multiple starts per day	✗ Cycling option
✓ Smart watering times	✓ Non-volatile memory
✓ Seasonal adjust	✓ Rain sensor option

	Code	Price £
4 zone	EPAY04	245.00
Rain Sensor	ERS	36.00



## Hunter X-Core Controller



Stations	Code	Price £
4	EPARX04	109.00
8	EPARX08	157.00
Solar Sync	EPARISS	148.00
ROAM	EPARIIRC	172.00



Easy-to-configure control for up to 8 stations, including 3 programs and 4 start times each. Plug in the revolutionary Solar Sync ET sensor and the Hunter X-Core is converted into a 'smart controller' that regulates irrigation runtimes based on locally measured weather. The X-Core controller is also compatible with Hunter remotes for quick, wireless activation of irrigation.

• Easy to use dial	• Lockable outdoor cabinet
• Rain off setting	• Solar-sync sensor option
✓ 12 starts per day	✗ Cycling option
✓ 1min – 4hr watering time	✓ Non volatile memory
✓ Seasonal adjust	✓ Rain sensor option

## Hunter XC Hybrid Controller

[DATA SHEET ONLINE](#)


Easy to install controller uses AA batteries (or an optional external mains power supply) to control up to 12 zones. Large easy-to-use dial and LCD display. Includes 3 programmes with 4 start times each.

Hunter 9v DC battery solenoid valves can be located adjacent to the controller or in valve boxes up to 100m away.

Cannot be used with Solar Sync or ROAM remote.

	Code	Price £
6 zone	EPARH06	173.00
12 zone	EPARH12	247.00
Rain Sensor	ERS	36.00
Wireless Rain Sensor	ERSW	99.00

• Easy to use dial	• Lockable outdoor cabinet
• Rain off setting	• Uses 9v DC valves
✓ 12 starts per day	✗ Cycling option
✓ 1min – 4hr watering time	✓ Non volatile memory
✓ Seasonal adjust	✓ Rain sensor option

## Hunter Hydrowise Pro-HC Controller

[DATA SHEET ONLINE](#)


A professional quality controller that can be connected via Wi-Fi to allow remote programming of the controller. The controller can be wired to a local rain sensor; or connected remotely to a local weather station to allow weather sensitive adjustment of the programmes.

With a flow sensor, the controller can send alerts if there is too much or too little water flow. Lockable outdoor controller.

	Code	Price £
6 zone	EPAY06	297.00
12 zone	EPAY12	362.00
Flow Sensor	EWMA3E	110.00
Rain Sensor	ERS	36.00

• Colour LCD screen	• Wi-Fi enabled
• App available	• Enhanced Reporting
✓ Multiple starts per day	✗ Cycling option
✓ Smart watering times	✓ Non volatile memory
✓ Smart weather adjust	✓ Rain sensor option



## Underground Chambers



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

For warning label see page 44.

	Battery	Price £	Mains	Price £
2 zone	EPAV02	138.00	EPAB02	106.00
4 zone	EPAV04	218.00	EPAB04	156.00
DB option	EPAVDB	178.00	EPABDB	147.00

Controller not included

### 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.

## 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	23.00
1½" BSPF	ESVB6	61.00
2" BSPF	ESVB8	70.00
Spare Coil	ESVBC24V	18.00

### Hunter Jar-top 24V AC

NEW



- Jar top for easy servicing
- Flow control
- Flow rate: 0.04 - 6.8 m³/hr
- Pressure range: 1.5 - 10 bar

	Code	Price £
1" BSPM	ESVH4	19.00
1" BSPF	ESVH4F	19.00

### 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	29.00

### Accu-Sync for Hunter



- Adjustable pressure regulation (1.5 - 7 bar)
- Works with PGV and Jar-top valves
- Max pressure rating: 10 bar

	Code	Price £
Accu-sync	ESVHAS	43.00

## 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	17.00	ELCS04-H	78.00
6 Core Cable	ELCS06-T	21.00	ELCS06-H	119.00
12 Core Cable	ELCS12-T	46.00	ELCS12-H	246.00

## Connectors



Easy to use - no wire stripping needed.

	Qty	Code	Price £
Grease filled connectors for joining cable to Solenoid valves	10	ELCG-T	11.50
	50	ELCG-L	48.00



## Heron Multi-wire



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.



**3 Year Warranty**

Exclusive 6 zone Controller.

Stations	Code	Price £
6*	EPAH06	218.00
8	EPAH08	284.00
12	EPAH12	355.00
16	EPAH16	479.00
24	EPAH24	678.00
32	EPAH32	730.00

• 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

## Heron Decoder



Designed for large sites such as farms or golf courses, the decoder system uses 2 wire cable and valve decoders, allowing valves to be added at any point. Built-in lightening surge protection with optical technology on the controllers and built-in surge protection on the decoders.

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.

**3 Year Warranty**



	Code	Price £
40 station controller	EPAH40T	924.00
240 station controller	EPAH240T	1266.00
1 valve decoder	EPAHVD1	59.00
2 valve decoder	EPAHVD2	79.00
3 valve decoder	EPAHVD3	110.00
Cable earth point	EPAHES	26.00
Pump start (DIN)	EPAHPD	44.00
Pump start (Enclosed)	EPAHPE	44.00

• Up to 640 valves	• Easily expandable
• Cable lengths of up to 5km	• Unsurpassed reliability
• Lightning surge protection	• Intuitive menu driven options
• Works with a wide range of 2 wire cables and grease filled crimps	
✓ 64 starts per day	✓ Cycling option
✓ 2sec - 10hrs watering time	✓ 5 year battery backup
✓ Seasonal adjust	✓ Weather station option

## Heron Accessories



Light Sensor

Humidity Sensor

Rain Sensor



Outdoor Enclosure

	Code	Price £
Light Sensor	EPAHLS	219.00
Humidity Sensor	EPAHHS	293.00
Rain Sensor with Bracket	EPAHRB	95.00
Lockable Outdoor Enclosure	EPAHBX	54.00
Wet Leaf Interface	EPAHWLI	81.00
Moisture Sensor	EPAHMS	109.00

## Heron Weather Station

• Weather responsive  
• Designed to save water  
Weather station provides weather responsive control over the irrigation system using a sophisticated evapo-transpiration algorithm. The Wind/Weather station improves accuracy by adding wind, light and humidity information to the equation.



	Code	Price £
Weather Station	EPAHWS	305.00
Wind/Weather	EPAHAN	594.00

# Pumps

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

## 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

Model	FLOW (m³/hr) @ xxm head				SINGLE PHASE				
	20m	30m	40m	50m	In/Out BSPF	kW	F.L.C. Amps	Code	Price £
BGM3/A	2.0	0.6			1¼" / 1"	0.37	2.96	EP1BG03	307.00
BGM7/A		2.6	1.3		1¼" / 1"	0.75	5.00	EP1BG07	355.00
BGM11/A		4.2	2.2	0.5	1¼" / 1"	1.1	6.47	EP1BG11	443.00
5HM03	5.0				1¼" / 1"	0.50	3.38	EP14HM5	525.00
5HM04	6.3	4.7	2.4		1¼" / 1"	0.75	4.79	EP14HM7	672.00
5HM05	6.8	5.8	4.2	2.4	1¼" / 1"	0.95	5.69	EP14HM9	857.00

## 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

	Code	Price £
Genyo	EPUPSTF	212.00
Union	FPTU4-4F	19.50

### 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	607.00				
Multi 35.4	9.0	7.3	5.4				1½" / 1¼"	1.1	8.4	EP1M354	733.00	1.1	3.1	EP3M354	733.00
Multi 35.5	9.7	8.4	6.9	5.4	3.0		1½" / 1¼"	1.5	10.2	EP1M355	882.00	1.5	4.0	EP3M355	882.00
Multi 55.4	17.0	13.2	8.2	0.8			1½" / 1¼"					2.0	4.8	EP3M554	985.00
Multi 55.6		17.8	15.9	12.7	8.8	4.5	1½" / 1¼"					3.0	7.0	EP3M556	1146.00



~ see p52

## 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. To operate the pump from a pressure switch or float switch, a pressure switch pack is also required.

	FLC Amps	Code +	Price £
1PH Isolator Switch (no Starter)	25	ESBI	39.00
1PH Light Duty Starter	9	ESB1LD	254.00
1PH Heavy Duty Starter	12	ESB1HD	301.00
1PH Heavy Duty Starter	16	ESB1HH	313.00
3PH Heavy Duty Starter	12	ESB3HD	324.00
Pressure Switch Pack		ESBPSM	27.00

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.

## 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.*

## Compact Pressure Booster Units



Designed to boost the pressure of the water supply

- Complies with the Water Regulations
- Provides up to 4.8 bar pressure as required
- Simple to Install

The Access Pressure Booster Units are designed for small irrigation systems where pressure is a problem. The Booster Unit allows pop-up sprinklers to be operated off a standard domestic supply.

The unit is pre-assembled and simply needs to be plugged into an outdoor socket and connected to a mains water supply. On the compact unit the available flow from the unit must be equal to the flow from the inlet water supply.

On the 500L unit, the tank holds a buffer of water, allowing the pump to operate at higher flows.

Compact: 690mm x 370mm x 830mm high.  
500L: 610mm x 1060mm x 1330mm high  
Inlet: ½" BSPM Outlet: ¾" M or 1" F

Head	Flow (m³/hr)
20m	4.2
30m	3.0
40m	1.4

	Code +	Price £
Compact	EPTS-C	1135.00
500L	EPTS0500	1269.00



+ see p52

## 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.

FLC Amps	Code	Price £
9	ESB1PR	99.00

## 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	135.00

## 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.



### 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.

	Code +	Price £
Above	EWTFB-BK	331.00
Below	EWTFB-BK	472.00

NEW

## Well Pumps



### Espe Pump

- Stainless steel body and shaft
- IP44 continuous rated water cooled motor with thermal overload protection
- Low water float switch
- Graphite mechanical seal



Model	FLOW (m³/hr) @ xxm head					SINGLE PHASE				
	20m	30m	40m	50m	60m	Out BSPF	kW	F.L.C. Amps	Code ~	Price £
7.4MA	2.8	2.0	0.6	—	—	1"	0.5	3.6	EP1A074	490.00
7.6MA	3.2	2.7	2.2	1.6	0.6	1"	0.9	5.0	EP1A076	534.00
17.5MA	4.7	4.2	3.5	2.8	1.7	1"	0.9	7.4	EP1A175	654.00
27.4MA	6.5	4.8	3.2	—	—	1"	0.9	6.8	EP1A274	621.00
27.6MA	7.0	6.5	5.4	4.5	3.4	1"	1.5	10.8	EP1A276	681.00
Rainsub base with 1m suction hose									EP1ASB	64.00

## Pressure Vessels



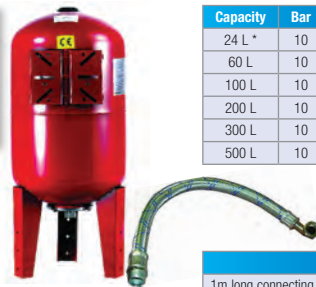
#### Kit consisting of:

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

Code	Price £
EPVSK06	137.00

#### Pressure Switch Only

Code	Price £
EPUPS06	84.00



Capacity	Bar	BSPM	Code ~	Price £
24 L *	10	1"	EPV024LH	58.00
60 L	10	1"	EPV060LV	146.00
100 L	10	1"	EPV100LV	247.00
200 L	10	1½"	EPV200LV	416.00
300 L	10	1½"	EPV300LV	522.00
500 L	10	1½"	EPV500LV	851.00

\*Horizontal

**High quality pressure switch**

	Code	Price £
1m long connecting pipe 1" BSPF x 1" BSPM	EPBH1M	41.00

## DAB Pump



### 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 and 1" threaded inlet allows floating inlet to be fitted.

FLC: 4.8 amps 1" F outlet

Head	Flow (m³/hr)
20m	4.2
30m	3.0
40m	1.4

	Code	Price £
Pump	EP1V12X	399.00
Inlet	EWTRPI	50.00





# Water Storage

## Underground Tanks



For complete independence from mains water, Spring rainwater must be stored for later use. As the volumes can be quite large, the best place for storage is out of sight underground.



**10 Year Guarantee**

**FIND MORE INFORMATION ONLINE**

Capacity	Diameter x Length	Code ~	Price £
4,400 L 968 Gal	1.8m dia x 2.5m	<b>EWTV4400</b>	<b>2980.00</b>
7,000 L 1,540 Gal	1.8m dia x 3.5m	<b>EWTV7000</b>	<b>3890.00</b>
9,500 L 2,090 Gal	1.8m dia x 4.5m	<b>EWTV9500</b>	<b>4530.00</b>

Tanks include rainwater filter to cope with roof areas up to 200m².

These UK manufactured tanks include as standard a 4" calmed inlet, siphon overflow, filter and 5 ton galvanised cover.

Needs access for 40' trailer and unloading equipment.  
Craned or remote deliveries will be charged extra.

## Suction Hose



		Code	Price £
1"	Suction Hose 5m	<b>PHS4-5M</b>	<b>26.00</b>
	Suction Hose 30m	<b>PHS4-25M</b>	<b>98.00</b>
	1" BSP Male Coupling - brass	<b>FHB4-4</b>	<b>7.00</b>
	1" BSP Female Coupling - brass	<b>FHB4-4F</b>	<b>4.50</b>
	Super Clamp	<b>FHSC4</b>	<b>1.50</b>
2"	Suction Hose 5m	<b>PHS8-5M</b>	<b>44.00</b>
	Suction Hose 30m	<b>PHS8-30M</b>	<b>204.00</b>
	2" BSP Male Coupling - brass	<b>FHB8-8</b>	<b>27.00</b>
	2" BSP Female Coupling - brass	<b>FHB8-8F</b>	<b>21.00</b>
	Super Clamp	<b>FHSC8</b>	<b>2.50</b>
	Floating pump inlet	<b>EWTRPI</b>	<b>50.00</b>

## Tank With Type 'AB' Air Gap



190L tank



Type 'A' air gap tank

The Water Supply (Water Fittings) Regulations 1999 stipulate that non domestic irrigation systems must be isolated from the public water mains by means of a 'Type AB' air gap.

These tanks have the option of a supplementary 'Type AB' air gap tank, which fits on top of the existing tank. This supplementary tank provides compliance with the law, without the need to cut overflow weirs into the sides of the tank.

Capacity	W x D x H mm inc. lid	Code ~	Price £
190L / 42 Gal	1020 x 500 x 550	<b>EWTPK190</b>	<b>173.00</b>
Air Gap Tank	375 x 245 x 230	<b>EWTPTA</b>	<b>122.00</b>

### Main Tank also includes:

- ½" Ball valve and float (max flow 1,200l/h)
- Angled service valve to accept 15mm copper pipe
- Hatch
- Insulation

### Air Gap Tank also includes:

- Extended ball valve arm
- Fixing screws and seal
- Insulation

## Polythene Tanks

- UV stabilised polythene
- Access hatch
- Threaded outlets

Capacity		Outlet	Ø x H mm	Code ~	Price £
500 L	110 Gal	1.5" M	700 x 1435	EWTX0500	199.00
720 L	158 Gal	1.5" M	700 x 2150	EWTX0720	229.00
1,250 L	278 Gal	1.5" M	1200 x 1200	EWTX1250	291.00
2,500 L	550 Gal	1.5" M	1400 x 1800	EWTX2500	405.00
5,000 L	1,100 Gal	2" M	1900 x 2185	EWTX5000	720.00
10,000 L	2,100 Gal	2" M	2400 x 2500	EWTX10K	1230.00
12,500 L	2,750 Gal	2" M	2600 x 2600	EWTX12K	1492.00

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**



~ see p52

# Galvanised Storage Tanks



Additional Holes	Code	Price £
2" hole for tank outlet	EWTH	0
4" hole for rainwater in/outlet	EWTH4	0
4" threaded plastic outlet assembly	EWTTO16	139.00

**LINERS  
AVAILABLE  
ONLINE**

Choose a tank that holds at least three days supply of water.

Tanks & EPDM Liner						
Diameter		Height		Capacity		Code ~
m	ft	m	ft	m <sup>3</sup>	gal	Price £
2.7	9	1.5	5.0	9	2,000	EWTA09=2
		2.3	7.5	13	3,000	EWTA09=3
		3.0	10	18	4,000	EWTA09=4
3.7	12	1.5	5.0	16	3,500	EWTA12=2
		2.3	7.5	24	5,250	EWTA12=3
		3.0	10	32	7,000	EWTA12=4
4.6	15	1.5	5.0	25	5,500	EWTA15=2
		2.3	7.5	37	8,250	EWTA15=3
		3.0	10	50	11,000	EWTA15=4
5.5	18	1.5	5.0	36	8,000	EWTA18=2
		2.3	7.5	54	12,000	EWTA18=3
		3.0	10	71	16,000	EWTA18=4

**Tank prices include:** steelwork, liner, anchor brackets, capping, 2" outlet hole (if ordered) & carriage (UK Mainland excluding northern Scotland and remote areas).

**Improved 10 Year Liner Guarantee**

## Covers Carriage paid if ordered with tank

### Steel



Sectional roof, central pillar, access hatch, integral overflow.

Diameter	Code ~	Price £
2.7m 9ft	EWTS09	1168.00
3.7m 12ft	EWTS12	1369.00
4.6m 15ft	EWTS15	1702.00
5.5m 18ft	EWTS18	2024.00

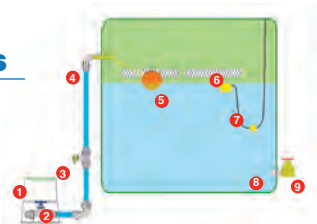
### Reinforced PVC



Heavy duty PVC, complete with ball valve cover.

Diameter	Pillar ~	Price £
2.7m 9ft	EWTRP09	680.00
3.7m 12ft	EWTRP12	837.00
4.6m 15ft	EWTRP15	977.00
5.5m 18ft	EWTRP18	1112.00

## Tank Fittings



For warning label to comply with WRAS regulations, see page 44.



	Polythene Tanks	Code	Price £
1	Chamber for Stopcock	KHB10	9.10
2	Stopcock	FLSC20	27.00
3	Drain Point	EWDT20	18.00
4	Female Elbow	FLE20-3F	2.20
5	Ball Valve with Float	ETVB3	48.00
6	Overflow Weir Mesh	EWTFWR	10.00
7	Floating Level Switch-3m	EWTFLO3	42.00
	Floating Level Switch-10m	EWTFLO10	62.00
8	Tank Connector	FUTT4	12.50
9	Gate Valve	EVG4	10.00
	1" tank overflow	ETOF4	19.00

	Galvanised Tanks	20mm	Price £	25mm	Price £
1	Stopcock	FLSC20	27.00	FLSC25	29.00
2	Drain in tee	EWDT20	18.00	EWDT25	20.00
4	Stand-off clip	FPCM20	0.80	FPCM25	0.80
5	Plassim female elbow	FLE20-3F	2.20	FLE25-4F	3.00
6	Support bracket	ETB4	22.00	ETB4	22.00
7	Ball valve with float	ETVB3	48.00	ETVB4	147.00
8	Galvanised filter screen	ETSL8	59.00	ETSL8	59.00
9	2" Tank outlet	ETT08	75.00	ETT08	75.00
10	2" Gate valve	EVG8	32.00	EVG8	32.00
	Chamber for stopcock	KHB10	9.10	KHB10	9.10
	Butyl liner repair kit	EWTRK	42.00	EWTRK	42.00

~ see p52

# Fittings

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## Terminology

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

## Imperial/Metric Conversion

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

## 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.



### 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 ½" thread has an O.D. of approx ¾".

BSP Thread	¼"	⅜"	½"	¾"	1"	1¼"	1½"	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	⅜"	½"	¾"	1"	1¼"	1½"	2"
OD mm	17.2	21.4	26.5	33.6	42.2	48.3	60.3

### 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.  $\frac{10}{20} \times 3600 = 1,800 \text{ l/h}$*

## 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	3.00
100	KECL-H	11.00

### 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	2.90	KEPS-H	21.00
Large	KEP-T	1.50	KEP-H	11.00

### 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	5.60	KECS-H	18.50
Large	KEC-Q	2.70	KEC-H	8.90

### 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 £
½" - F	KECP2-T	4.40	KECP2-H	40.00
¾" - F	KECP3-T	5.20	KECP3-H	45.00

### Blanks



KEB

Allows male or female fittings to be blanked off.

To blank	Qty 25	Price £	Qty 100	Price £
Female	KEB-Q	2.20	KEB-H	6.70
Male	KECAP-Q	3.10	KECAP-H	11.00

### Threaded Adaptors



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

Thread	Qty 10	Price £	Qty 100	Price £
M11	KEPM-T	1.30	KEPM-H	8.40
¼" W	KEPT-T	1.50	KEPT-H	10.00
¾" W	KEPW-T	1.80	KEPW-H	13.50

### 12mm End Connector



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

Qty	Code	Price £
10	KEEC-T	2.00
100	KEEC-H	14.50

### ½" M Adaptor



6mm F outlet. Adapts Vibro-spin, Mini-spin, Mini-fogger nozzle to ½" F thread. Will fit KESL stake.

Qty	Code	Price £
10	KEM-T	4.40
100	KEM-H	38.00

### Tee



6mm F.

Qty	Code	Price £
10	KET-T	2.00
100	KET-H	16.50

### Double Nipple



Joins fittings of 6mm F.

Qty	Code	Price £
25	KEN-Q	3.20
100	KEN-H	12.00

### Mini-Tap



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

Qty	Code	Price £
10	KEV-T	7.10
100	KEV-H	70.00

### Repair Plugs



Allows punched holes in pipes to be repaired.


Qty	Code	Price £
100	FBGS-BAG	5.00

**NEW**



## 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	0.50
1"	FPTS4	0.70
1½"	FPTS6	2.80
2"	FPTS8	3.20

### Plug



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

### Tee



F	Code	Price £
½"	FPTT2	1.30
¾"	FPTT3	1.70
1"	FPTT4	1.90
1½"	FPTT6	5.00
2"	FPTT8	7.90

### Reducing Socket



F-F	Code	Price £
¾" - ½"	FPTS3-2	0.80
1" - ¾"	FPTS4-3	0.70

### Tee - Male



MMM	Code	Price £
¾"	FPTT3M	0.85

### Increasing Piece



M-F	Code	Price £
½" - ¾"	FPTI2-3	0.65
¾" - 1"	FPTI3-4	1.10
1½" - 2"	FPTI6-8	2.80

### Tee - Female Branch



FMF	Code	Price £
¾"	FPTT3MF	1.90

### 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	5.20
2"	FPTE8	6.40

### Elbow - Male



M-M	Code	Price £
¾"	FPT3M	0.85

### Nipple



M	Code	Price £
½"	FPTN2	0.25
¾"	FPTN3	0.30
1"	FPTN4	0.55
1½"	FPTN6	1.10
2"★	FPTN8	2.70

### Reducing Nipple



M-M	Code	Price £
¾" - ½"	FPTN3-2	0.30
1" - ¾"	FPTN4-3	0.60
1¼" - 1"	FPTN5-4	0.85
1½" - 1"	FPTN6-5	1.10
1½" - 1¼"	FPTN6-5	1.10
2" - 1"★	FPTN8-4	2.70
2"-1½"★	FPTN8-6	2.70

### Reducing Bush



★ Hansen 16 bar

M-F	Code	Price £
½" - ¼"★	FCTR2-1	3.00
¾" - ½"	FPTR3-2	0.55
1" - ½"	FPTR4-2	0.70
1" - ¾"	FPTR4-3	0.75
1¼" - 1"	FPTR5-4	1.50
1½" - 1"★	FPTR6-4	3.40
2" - 1½"★	FPTR8-6	4.30

### Cap and Washer



'O' Ring  
for easy  
sealing

F	Code	Price £
½"	FMC2	0.50
¾"	FMC3	0.55
1"	FMC4	0.75
1½"	FMC6	1.00
2"	FMC8	2.40


## 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	20.00	PA16-100M	38.00
20	4	1.5	LDPE c/p	PA20-50M	31.00	PA20-100M	54.00
25	4	2.0	LDPE c/p			PA25-100M	69.00
32	6	2.6	LDPE c/p	PB32-50M	65.00	PB32-100M	112.00
50	8	3.0	MDPE			PB50-100M~	188.00
63	8	3.8	MDPE			PB63-100M~	288.00

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	20.00	PEB25-25M		28.00
50m	PEB20-50M		44.00	PEB25-50M	PE25-50M	50.00
100m	PEB20-100M		81.00	PEB25-100M		98.00

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	79.00	PEB50-50M	178.00	PEB63-50M	222.00
100m	PEB32-100M	151.00	PEB50-100M	333.00	PEB63-100M	445.00

## 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)

Clamp			Spacer		
mm	Code	Price £	mm	Code	Price £
16	FPCM16	0.70	16	FPCM16S	0.45
20	FPCM20	0.80	20	FPCM20S	0.45
25	FPCM25	0.80	25	FPCM25S	0.55
32	FPCM32	1.20	32	FPCM32S	0.60
50	FPCM50	1.50	50	FPCM50S	0.95
63	FPCM63	2.10	63	FPCM63S	1.40

## Pipe Clips



Quick, neat way of fixing pipe. Zinc plated. 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	9.50	FPCN20-L	15.00

## Small Coil Polypipe



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

Length	Code	Price £
25m	PA16-25M	12.00

## 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

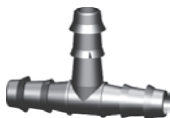
mm	Code	Price £
12	FBM12-T	5.20
16	FBM16-T	4.80
20	FBM20-T	5.50

### Connector



mm	Qty 10	Price £	Qty 100	Price £
12	FBK12-T	3.50	FBK12-H	27.00
16	FBK16-T	3.60	FBK16-H	28.00
20	FBK20-T	3.60	FBK20-H	28.00

### Tee



mm	Qty 10	Price £	Qty 100	Price £
12	FBT12-T	5.20	FBT12-H	40.00
16	FBT16-T	4.30	FBT16-H	36.00
20	FBT20-T	4.90	FBT20-H	39.00

### Tee Male Branch



mm	½" M Qty 10	¾" M Qty 10	Price £
12	FBT16-2-T	FBT16-3-T	6.40
20	FBT20-2-T	FBT20-3-T	6.80

### Elbow



mm	Qty 10	Price £	Qty 100	Price £
12	FBE12-T	4.50	FBE12-H	36.00
16	FBE16-T	4.00	FBE16-H	33.00
20	FBE20-T	4.50	FBE20-H	38.00

### Valve - Plastic



FBV



FBV3

mm	poly x poly	¾" M x poly	Price £
6	FBV6-T*		3.45
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	10.00	FBSE16-H	92.00
20	FBSE20-T	10.00	FBSE20-H	92.00

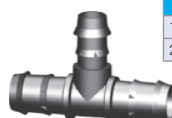
Fold Over				
mm	Qty 10	Price £	Qty 100	Price £
12	TJ12-T	2.50	TJ12-H	23.00
16	TJ16-T	1.70	TJ16-H	14.00
20	TJ20-T	2.20	TJ20-H	19.50

### Reducing Connector



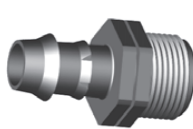
mm	Qty 10	Price £	Qty 100	Price £
16-12	FBK16-12-T	3.60	FBK16-12-H	28.00
20-16	FBK20-16-T	4.00	FBK20-16-H	31.00

### Tee Reducing Branch



mm	Qty 10	Price £	Qty 100	Price £
16-12	FBT16-12-T	5.80	FBT16-12-H	50.00
20-16	FBT20-16-T	6.00	FBT20-16-H	52.00

### Male Connector



mm	½" M Qty 10	¾" M Qty 10	Price £
12		FBK12-3-T	4.50
16	FBK16-2-T	FBK16-3-T	4.00
20	FBK20-2-T	FBK20-3-T	4.70

### Elbow x ¾" Male



mm	Qty 10	Price £
16	FBE16-3-T	5.90
20	FBE20-3-T	5.90


### Female Connector



**Sold singly**

mm	¾" F	Price £
16	FBK16-3F	0.75
20	FBK20-3F	0.80

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 £
16	FLK16	2.30
20	FLK20	2.80
25	FLK25	3.40
25-20	FLK25-20	3.60
32	FLK32	4.50
32-20	FLK32-20	5.00
32-25	FLK32-25	5.30
50	FLK50	10.50
63	FLK63	16.50

### Stopcock



Plasson		
mm	Code	Price £
20	FLSC20	27.00
25	FLSC25	29.00
32	FLSC32	39.00

### Tee Female Branch



mm	¾"F	1"F	1½"F	Price £
16	FLT16-3F			2.90
20	FLT20-3F			3.30
25	FLT25-3F	FLT25-4F		4.00
32	FLT32-3F	FLT32-4F		5.50
50			FLT50-6F	15.00
63			FLT63-6F	24.00

### Tee



mm	Code	Price £
16	FLT16	3.90
20	FLT20	4.20
25	FLT25	4.70
25-20	FLT25-20	5.40
32	FLT32	7.40
32-25	FLT32-25	7.70
50	FLT50	14.00
63	FLT63	24.00

### Female Elbow



mm	¾"F	1"F	1½"F	Price £
16	FLE16-3F			2.30
20	FLE20-3F			2.20
25	FLE25-3F	FLE25-4F		3.00
32		FLE32-4F		3.50
50			FLE50-6F	13.00

Fittings for other sizes available to special order

### Elbow



mm	Code	Price £
16	FLE16	2.90
20	FLE20	3.40
25	FLE25	3.90
32	FLE32	4.90
50	FLE50	15.00
63	FLE63	20.00

### Male Elbow



mm	½"M	¾"M	1"M	Price £
20	FLE20-2M	FLE20-3M		2.10
25			FLE25-4M	2.90

### Cap and Washer



'O' Ring  
for easy  
sealing

F	Code	Price £
½"	FMC2	0.50
¾"	FMC3	0.55
1"	FMC4	0.75
1½"	FMC6	1.00
2"	FMC8	2.40

### Male Stud



mm	¾"M	1"M	1½"M	1½"M	2"M	Price £
16	FLM16-3					1.90
20	FLM20-3	FLM20-4				1.90
25		FLM25-4				2.30
32		FLM32-4				2.90
50		FLM50-4	FLM50-5	FLM50-6		7.00
63				FLM63-6	FLM63-8	10.50

### Female Stud



mm	¾"F	1"F	1½"F	2"F	Price £
16	FLF16-3				1.70
20	FLF20-3				2.10
25		FLF25-4			2.30
32		FLF32-4			3.60
50			FLF50-6		9.00
63				FLF63-8	13.00

### Pipe Saddle



mm	6 bar ¾"F	6 bar 1"F	16 bar 1"F	Price £
25	FS25-3			1.20
32	FS32-3	FS32-4		1.30
50	FS50-3			1.70
50			FS50-4	6.50
63			FS63-4	8.00

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	1.60
20	FRK20	1.80

### Tee



mm	Code	Price £
16	FRT16	2.70
20	FRT20	3.00

### Tap Connector



mm	Code	Price £
16	FRF16-3	1.80
20	FRF20-3	1.80

### Straight – Male ¾"



mm	Code	Price £
16	FRM16-3	1.10
20	FRM20-3	1.10

### Tee – Male ¾"



mm	Code	Price £
16	FRT16-3M	2.20
20	FRT20-3M	2.50

### On / Off Valve



mm	Code	Price £
16	FRV16	2.90
20	FRV20	3.00

### Elbow



mm	Code	Price £
16	FRE16	2.10
20	FRE20	2.20

### Tee – Female ¾"



mm	Code	Price £
16	FRT16-3F	3.00
20	FRT20-3F	3.00

### Barb and Grip Ring



Allows any ¾" threaded fitting to be used for polythene pipe.

mm	Code	Price £
16	FRG16	0.70
20	FRG20	0.75

## Manifold Parts



Tee	Code	Price £
1" x 1" x 1"	KMAT4	3.50
1½" x 1½" x 1½"	KMAT6	18.00



Union	Code	Price £
1" x 1"	KMAU4MF	2.10
1½" x 1½"	KMAU6MF	12.00



Union	Code	Price £
1" x 1"	KMAU4	3.00



Elbow	Code	Price £
1" x 1" FF	KMAE4	3.60
1" x 1" MF	KMAE4MF	2.60
1½" x 1½" MF	KMAE6MF	14.00



Cross Piece	Code	Price £
1" x 1" x 1" x 1"	KMAX4	5.10



Nipple	Code	Price £
1" x 1"	KMAN4	1.40
1" x ¾"	KMAN4-3	1.50



Manifold 1"	Code	Price £
2 Way	KMAM2	8.00
3 Way	KMAM3	11.50

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

## Water Meters



All water meters come with threaded tail pieces to allow removal. Install horizontally. Metal body 16 bar pressure rated. Dial indication 1L - 10,000m³.

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 m³/h	2.5 m³/h	EWMA3	84.00	EWMA3E	110.00
1" M	10 m³/h	5 m³/h	EWMA4	113.00	EWMA4E	149.00

*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

## 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	5.50

## Pressure Test Kit



Ideal for pressure testing water supplies.

Code	Price £
EPTST	14.00

## Tool Kit



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.



### 'C' Spanner

For fittings up to 40mm



	Code	Price £
Kit	KHTK	49.00
Cutters	FLCUT	13.50
Chamfer	FLCHAM	21.00
'C' Spanner	FLSP	12.50

## Warning Label



Adhesive warning label suitable for outdoor use. Required on taps, tanks and valve boxes. 99mm x 54mm.

Code	Price £
FLWL	0.50

## Saddle Hole Cutter



Ideal for cutting holes for saddles. Fit saddle before cutting hole.

Code	Price £
FLSAD	29.00

## Threaded Valves and Taps

### Ball Valve



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

VDL		
F	Code	Price £
½"	<b>EVLUT2</b>	12.50
¾"	<b>EVLUT3</b>	15.00
1"	<b>EVLUT4</b>	18.50
1½"	<b>EVLUT6</b>	29.00
2"	<b>EVLUT8</b>	46.00

### Gate Valve



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

F	Code	Price £
¾"	<b>EVG3</b>	7.90
1"	<b>EVG4</b>	10.00
1½"	<b>EVG6</b>	19.50
2"	<b>EVG8</b>	32.00

### Check Valve & Strainer



Brass. Conical seating, not a cheap leaky flap.

	F	Code	Price £
Check Valve	¾"	<b>EVC3</b>	8.80
	1"	<b>EVC4</b>	12.00
	1½"	<b>EVC6</b>	27.00
Check Valve with strainer	1"	<b>EVFS4</b>	21.00
	1½"	<b>EVFS6</b>	37.00
Strainer only	1"	<b>EVS4</b>	3.30

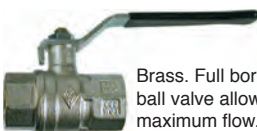
### Stopcock



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

F	Code	Price £
½"	<b>EVSC2</b>	13.00
¾"	<b>EVSC3</b>	24.00

### Lever Valve



Brass. Full bore ball valve allows maximum flow.

F	Code	Price £
½"	<b>EVL2</b>	9.00
¾"	<b>EVL3</b>	12.50
1"	<b>EVL4</b>	17.00

### Ice Valve



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

Inlet	Outlet	Code	Price £
½"	¾"	<b>EVFV2</b>	21.00
¾"	1"	<b>EVFV3</b>	31.00

### Double Check Valve



Brass. Complies with water regulations.

F	Code	Price £
½"	<b>EVCV2</b>	31.00
¾"	<b>EVCV3</b>	58.00

### Metal Back Plate



¾" metal back plate elbow.

Code	Price £
<b>EW3</b>	24.00

For warning label see page 44.

### Wall Plate



Plastic wall plate with built-in compression fitting.

mm-F	Code	Price £
20mm x ½"	<b>EW20-2</b>	11.00
25mm x ¾"	<b>EW25-3</b>	12.00

### 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	<b>ETBC2</b>	18.00
Without Double Check Valve	<b>ETB2</b>	13.00

### 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 £
<b>ETB3</b>	33.00
<b>FGBF78</b>	7.80
<b>FCT13-78</b>	15.00

## 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"	<b>EVQC</b>	9.50
Take-off	¾"	<b>EVQCTO</b>	4.60



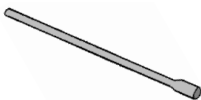
High capacity take-off valves available (page 51).



## uPVC Pipe and Fittings-Metric



### uPVC Pipe



For 5m lengths minimum bundle size: 4 pipes

5.04m Socketed			2.5m has sockets		
mm	10 Bar	Price £	10 Bar	Price £	
20	PM20-5M	2.40	PM20-1M	1.30	
20			PM20-1.25M	1.40	
25	PM25-5M	3.90	PM25-2.5M	4.20	
32	PM32-5M	5.60	PM32-2.5M	5.60	
50	PM50-5M	11.00	PM50-2.5M	10.00	
63	PM63-5M	13.00			

### Drain Valve



		Code	Price £
32mm	With Elbow	FMDVE32	3.40
1 1/4" F	Without Elbow	FMDV-5F	3.30

### Elbow 90°



**Genuine  
VDL  
Fittings**

mm	Code	Price £
20	FME20	0.70
25	FME25	0.80
32	FME32	0.80
50	FME50	1.60
63	FME63	3.30

### 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	0.60
25 - 3/4" M	FMK25-3	0.65
25 - 1" M	FMK25-4	0.65
32 - 3/4" M	FMK32-3	0.65
32 - 1" M	FMK32-4	0.65
50 - 1" M	FMK50-4	1.70
50 - 1 1/2" M	FMK50-6	1.80
63 - 2" M	FMK63-8	2.70

### Socket



mm	Code	Price £
20	FMS20	0.50
25	FMS25	0.55
32	FMS32	0.55
50	FMS50	1.10
63	FMS63	1.50

### Socket x F



mm	Code	Price £
20 - 1/2" F	FMS20-2F	1.30
25 - 3/4" F	FMS25-3F	1.50
32 - 1" F	FMS32-4F	2.40
50 - 1 1/2" F	FMS50-6F	3.30
63 - 2" F	FMS63-8F	5.10

### Tee x M, x F



mm		Code	Price £
20 - 1/2" F	Female Branch	FMT20-2F	1.60
25 - 3/4" F		FMT25-3F	1.90
32 - 1" F		FMT32-4F	2.40
32 - 1 1/4" M	Male Branch	FMT32-5	1.10

### Drilled Pipe

mm	Length	Holes	Code	Price £
25	2.54m	1 x 7/16"	PM25-2.5A	4.50
32	4.54m	3 x M11	PM32-5M3	5.60
32	5.04m	5 x M11	PM32-5M5	5.80

For M11 adaptors see KEPM p38  
For 7/16" adaptors see L04 p47

### Valve



mm	Code	Price £
20	EVL020	7.90
25	EVL025	9.00
32	EVL032	10.50
50	EVL050	18.00
63	EVL063	28.00

### Elbow x F



Glued x 1" Female

mm	Code	Price £
32	FME32-4F	2.10

### Filter Pack



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

mm	Code	Price £
32	LUPF	6.60

### Cap & Washer



VDL or PALAPLAST

F	Code	Price £
1/2" F	FMC2	0.50
3/4" F	FMC3	0.55
1" F	FMC4	0.75
1 1/2" F	FMC6	1.00
2" F	FMC8	2.40

### Socket (Metric to Imperial)



	Code	Price £
25-3/4"	FMS25/3	0.50
32-1"	FMS32/4	0.60

### Tee



mm	Code	Price £
20	FMT20	0.90
25	FMT25	0.85
32	FMT32	0.90
50	FMT50	1.70
63	FMT63	3.40



## Reducing Bush



mm	Code	Price £
25 - 20	FMR25-20	0.65
32 - 25	FMR32-25	0.65
50 - 32	FMR50-32	1.20
50 - 40	FMR50-40	0.95
63 - 50	FMR63-50	1.40

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

## Union



mm	Code	Price £
20	FMU20	2.60
25	FMU25	3.70
32	FMU32	4.00
50	FMU50	5.00
63	FMU63	8.10

## Union x M



mm	Code	Price £
25 - 3/4" M	FMU25-3	4.20
32 - 1" M	FMU32-4	4.80
50 - 1 1/2" M	FMU50-6	5.70
63 - 2" M	FMU63-8	9.30

## Miscellaneous Fittings

### Glue and Brush\*



**Data sheet available**

	Type	Code	Price £
125ml	UNI	FMCEM100	8.20
250ml	S3	FMCEM250	13.00
1 L	S3	FMCEM1L	35.00

### Cleaner



Data sheet available.

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

	Code	Price £
250ml	FMCLE250	6.40
650ml	FMCLE650	10.50

### Wire 2.5mm



Weight/Approx Length	Code	Price £
1.0kg 25M/80'	ESW-1K	3.50
2.5kg 64M/210'	ESW-2.5K	5.00
5kg 130M/425'	ESW-5K	8.00

### Wire Strainer



Nº 2 size.

Code	Price £
EWS	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	34.00

### 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	9.00
100	KENV-H	84.00

### 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	6.80

### Downtubing



Plain tube 6.8 x 4mm flexible PVC.

Length	Code	Price £
100m	P59-100M	75.00

**Extra Flexible**

### Insertor Tool



Quickly inserts collars into downtubing.

Code	Price £
DPIT	16.50

\* cannot be sent by post

## 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 m³/h	¾" M	0.13mm	8 bar	EFP3-0.1	11.00
7 m³/h	1" M	0.13mm	8 bar	EFP4-0.1	17.00
15 m³/h	1½" M	0.13mm	8 bar	EFP6-0.1	73.00
25 m³/h	2" M	0.13mm	8 bar	EFP8-0.1	135.00

### 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 m³/h	1" M	0.13mm	6 bar	EFPD4-Y	41.00
6 m³/h	1½" M	0.10mm	8 bar	EFD6-Y	176.00
25 m³/h	2" M	0.10mm	8 bar	EFD8-Y	360.00

### Filter in Washer



Fits ¾" F fittings.

Code	Price £
P67	1.00

### Semi-automatic Filter



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

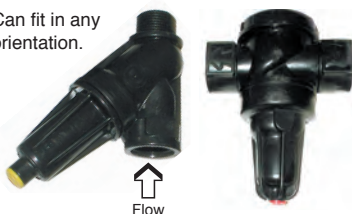
Plastic ribbed filter body with stainless steel 'weave-wire' with a large filtration capacity.



Max Flow	Thread Size	Filter Size	Maximum Pressure	Code	Price £
40 m³/h	2"	0.13mm	10 bar	EFA8-0.1	395.00
60 m³/h	3"	0.10mm	10 bar	EFA12-0.1	536.00

## Pressure Regulators

Can fit in any orientation.



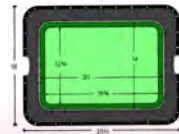
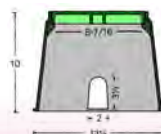
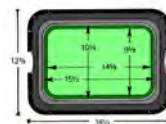
	Flow Rate	Pressure Range	Code	Price £
¾" F x ¾" M Adjustable Delrin	0.01 - 5m³/h	0.5 - 1.2 bar	EPR3LFM-A	19.00
	0.01 - 5m³/h	0.8 - 2.5 bar	EPR3LFM-B	19.00
	0.2 - 5m³/h	2.0 - 4.0 bar	EPR3FM-C	14.00
	0.2 - 5m³/h	3.5 - 6.0 bar	EPR3FM-D	14.00
1" F x 1" F Adjustable Acetal	0.4 - 8m³/h	0.5 - 1.2 bar	EPR4F-A	39.00
	0.4 - 8m³/h	1.0 - 2.0 bar	EPR4F-B	39.00
	0.4 - 8m³/h	1.5 - 3.5 bar	EPR4F-C	39.00
	0.4 - 8m³/h	3.0 - 5.5 bar	EPR4F-D	39.00

## Irritec Valve Boxes

Imperial Size	Lid Diameter	Base Diameter	Height	Code	Price £	Spare Lid	Price £
10" round	23cm	30cm	25cm	KHB10	9.10	KHB10LID	4.20
12" x 18" Standard	38 x 25cm	47 x 33cm	30cm	KHB1218	22.00	KHB1218LID	13.00
12" x 22" Jumbo	50 x 34cm	60 x 45cm	30cm	KHB1420	46.00	KHB1420LID	24.00



For warning label see page 44.



# 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	<a href="#">KHP40</a>	<b>79.00</b>
Box of 10 adjustable	<a href="#">KHP40BX</a>	<b>644.00</b>
I-40 full circle	<a href="#">KHP40F</a>	<b>89.00</b>
I-40 adjustable hi-speed	<a href="#">KHP40H</a>	<b>125.00</b>
Turf cap	<a href="#">KHP40-C</a>	<b>33.00</b>
8" swing joint 1" x 1"	<a href="#">KHSJ8-4</a>	<b>22.00</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

## Hunter I90



Hunters longest throw single sprinkler is ideal for parks and public areas

- Radius: 18.9m - 29.9m
- Flow Rate: 4.97 - 17.01m<sup>3</sup>/hr
- Pressure: 4.0 - 7.5 bar
- Popup height: 3"
- Opposing nozzle design on full circle

1½" BSPF thread

	Code	Price £
I-90 adjustable	<a href="#">KHP90</a>	<b>137.00</b>
Box of 4 adjustable	<a href="#">KHP90BX</a>	<b>482.00</b>
I-90 full circle	<a href="#">KHP90F</a>	<b>138.00</b>
Turf cap	<a href="#">KHP90-C</a>	<b>58.00</b>
12" swing joint 1½" x 1½"	<a href="#">KHSJ12-6</a>	<b>30.00</b>

Nozzle	Bars	Radius	m <sup>3</sup> /hr
25	4.0	18.9m	4.97
33	4.5	20.4m	7.25
38	5.0	21.3m	8.51
43	5.5	21.9m	10.08
48	6.0	23.8m	11.89
53	6.5	26.2m	13.17
63	7.0	27.4m	15.85
73	7.5	29.9m	17.01

Performance data for I-90 adjustable

## Hunter G990



Multi-jet sprinkler for large turf areas such as Golf courses. Valve in head design.

- Radius: 23.2m - 29.9m (G990)
- Flow Rate: 7.81 - 16.79m<sup>3</sup>/hr (G990)
- Pressure: 5.5 - 8.3 bar
- Popup height: 8cm

1½" Acme thread

	Code	Price £
G990 full circle	<a href="#">KHP990</a>	<b>253.00</b>
Box of 4 (G990)	<a href="#">KHP990BX</a>	<b>847.00</b>
G995 adjustable	<a href="#">KHP995</a>	<b>281.00</b>
Box of 4 (G995)	<a href="#">KHP995BX</a>	<b>1021.00</b>
12" swing joint 1½" Acme x 1½" BSPM	<a href="#">KHSJ12-6A</a>	<b>31.00</b>

Nozzle	Bars	Radius	m <sup>3</sup> /hr
33	5.5	23.2m	7.81
38	6.2	24.4m	9.29
43	6.9	25.6m	11.02
48	6.9	27.4m	12.45
53	7.6	28.3m	13.79
63	8.3	29.9m	16.79

Performance data for G990

## 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	<a href="#">KB950E</a>	<b>324.00</b>
#20 grey nozzle	<a href="#">KBN20</a>	<b>10.00</b>
#24 yellow nozzle	<a href="#">KBN24</a>	<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

~ see p52

## Travelling Sprinklers

### Small Traveller

Designed for gardens and light commercial use, the sprinkler follows the path laid out by the hose. The shut-off ramp turns the sprinkler off.

**Diameter:** 4.6m - 13.7m @ 4 bar  
Use 1/2" hose.

Code	Price £
EHTS2	131.00



### Large Traveller

LARGER  
MODELS  
ONLINE

Designed for sports grounds and large turf areas, the unit pulls itself along a steel cable, shutting off automatically at the end of the run.

**Diameter:** 34m - 38m @ 3 - 7 bar  
Use 1" hose. 135m steel cable  
waters 183m long run.

Code ~	Price £
EHTS4	1180.00



## Reel Irrigators

NEW

DATA  
SHEET  
ONLINE

Reel irrigators are designed to water large grass surfaces such as playing fields or football or rugby pitches. Smaller irrigators can be operated from a good mains water supply, larger 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 25/50

**Hose diameter x length:** 25mm x 50m  
**Output range:** 0.7 - 2.7 m³/hr  
**Connection pressure:** 1.5 - 5.0 bar  
**Wetted width:** 18 - 28m  
**Rewind speed:** 5 - 40 meters / hour

Code ~	Price £
EHR125	1350.00



### 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 £
CHR132	2530.00



### 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	5010.00





## Hunter I-Core Controller

DATA  
SHEET  
ONLINE

Versatile yet easy to use controller with a wide range of options.

- Multi-wire or Decoder in the same box
- Solar Sync unit for automated seasonal adjustment
- Easy to use programme dial with large backlit screen
- Unique Diagnostic Dashboard to quick status monitoring

Hunter have a reputation for powerful, yet easy to programme controllers, and the I-Core provides all of the control you need for either multi-wire systems or decoder systems.

The Solar Sync measures sunlight and temperature to alter the controllers run times – longer on a hot day and shorter on a cool.

For servicing and maintenance a remote control unit is also available allowing valves to be remotely operated.

METAL  
CABINET

	Code	Price £
I-core controller in metal cabinet	EPARIC	520.00
6 station module	EPARIM6	67.00
48 station decoder module	EPARIMD	274.00
Wireless solar sync kit	EPARISS	148.00
Roam kit complete	EPARIIRC	172.00
Single valve decoder	EPARID1	70.00
Two valve decoder	EPARID2	121.00
Surge arrester	EPARISA	56.00

## High Flow Solenoids

DATA  
SHEET  
ONLINE

- Hunter ICV valve
- Flow rate: 2" 9 - 34m³/hr  
3" 34 - 68m³/hr
- Pressure: 1.5 - 15 bar
- Accu-Sync allows adjustable pressure regulation (1.5 - 7 bar)

3" valve can be used with reclaimed water supplies.

	Code	Price £
2" F solenoid valve	ESVH8	63.00
3" F solenoid valve	ESVH12	205.00
Accu-Sync	ESVHAS	43.00

## 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	399.00
2 core decoder cable 500m	ELCS2D-5H	675.00
Grease connector	ELCGD	2.70

## High Flow Take-off Points

Watering points for large flow systems such as Sports Fields and Golf Courses.

- Solid Brass Construction
- Designed to fit into underground chambers

	Code	Price £
Brass Quick Coupling Inlet	EQQB1	81.00
Brass Quick Coupling Key	EQQBK	80.00
Brass Union Elbow	EQQBE	58.00



**Brass Quick Coupling Inlet**  
Includes stabilising fins.  
Yellow plastic sprung cap.  
1" BSPF inlet



**Brass Quick Coupling Key**  
Quick take-off key.  
Includes aluminium handle.  
1" BSPM outlet.



**Brass Union Elbow**  
Screws onto the top of the Quick Coupling Key to ensure the hose always points in the right direction.  
1" BSPF inlet 1" BSPM outlet.

For warning label see page 44.

## Carson Valve Box

DATA  
SHEET  
ONLINE

Heavier duty Valve Boxes for Sports Fields.

	Box	Price £	Spare Lid	Price £	Metal Cover	Price £
10" Round	KHC10	18.00	KHC10LID	7.30		
Standard	KHCSTD	39.00	KHCSTD LID	17.00	KHCSTDLM	110.00
Jumbo	KHCJMB	56.00	KHCJMB LID	23.00	KHCJMBLM	128.00



~ 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.

<b>A</b>		Filters	48	<b>Nursery Watering</b>	<b>4-7</b>	Spray gun	14
Air gap tank	35	Filtration (rainwater recycling)	35	<b>O</b>		Sprinkler heads	10,12
Air/Vacuum relief valve	23	Flexidrip	5	Octamitter	6	<b>Sprinklers</b>	<b>10-13</b>
Amber mist nozzle	9	Floating level switch	33	Overhead irrigation	4	Stake risers	11,13,19
Anchorage pegs	23	<b>G</b>		<b>P</b>		Stock bed watering kit	7
Aquaflux Hose	16	Galconette battery controller	28	Part circle sprinkler	12	Stopcock	42,45
<b>B</b>		Galvanised water tanks	36	Permadrip	22	Strainer	45
Bag dilutor	2	Gate valve	45	Pin plugs	40	Straining wire	47
Ball valve	45	'Geka' hose fittings	15	<b>Pipe &amp; Fittings</b>	<b>37-48</b>	Submersible pumps	34
Ball valve and float	36	Glue (uPVC)	47	Pipe (Polythene)	40	Suction hose	35
Barbed fittings	41	Grease filled connectors	30,51	Pipe (uPVC)	46	SuperDos Injector	3
Barbed valve	41	Greenhouse watering	4	Pipe cleaner (uPVC)	47	Swing joints	25,49
Battery operated controller	28	<b>H</b>		Pipe clips	40	<b>T</b>	
Bayonet hose connectors	15	Half circle sprinkler	10	Pipe cutters	44	Tall bedding spike	11
Bedding spike	11	<b>Hand Watering</b>	<b>14-18</b>	Pipe marking tape	40	Tanks	35-36
Bench heating	9	Hanging basket feeder	27	Pipe saddles	42	Tank connector	36
Bermad solenoid valve	30	Hanging basket watering	26-27	Plassim fittings	42	Tank covers	36
Bib tap	45	Heat mat	9	Plastic water tanks	35	Tank fittings	36
Blanking plug	38	Heavy duty hose reel	17	Polyposphate filter	9	Tank repair kit (butyl liner)	36
Bluetooth controller	28	Heron panel	31	Polythene pipe	40	Tank pump	34
Border watering kit (drip)	23	High flow solenoid	51	Polythene tanks	35	Taps	45
Border watering kit (sprinkler)	19	Hose clips	15	Pop-up sprinklers	24,25,49	Tap timer	28
Bore hole pumps	34	Hose couplers	16	Portable hose reel	17	Tape-PTFE	44
Brass quick connectors	18	Hose hanger	17	Pozilock fittings	43	Tape-Trickle	6
Butyl liner repair kit	36	Hose pipe	16	Pressure booster set	33	Telescopic lance	15
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Coils (solenoid)	30	Jar top solenoid	30	Quick coupling valve	45,51	Underground valves	45
Compression fittings	42	<b>L</b>		Quick hose couplings	15,18	Underground water storage	35
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