

ACCESS
Irrigation



2012-13 Catalogue



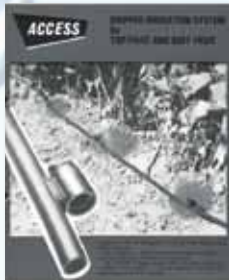
**Free
Delivery**

**Next Day
Delivery**

**Order
Online**

The History of Access Irrigation

Access was started in the early 1960's 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.



Green roof system



Our premises on the original site

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.



Welcome to our 2012-13 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, and installation drawings. We are also uploading a range of 'how to' videos to make installation easy.

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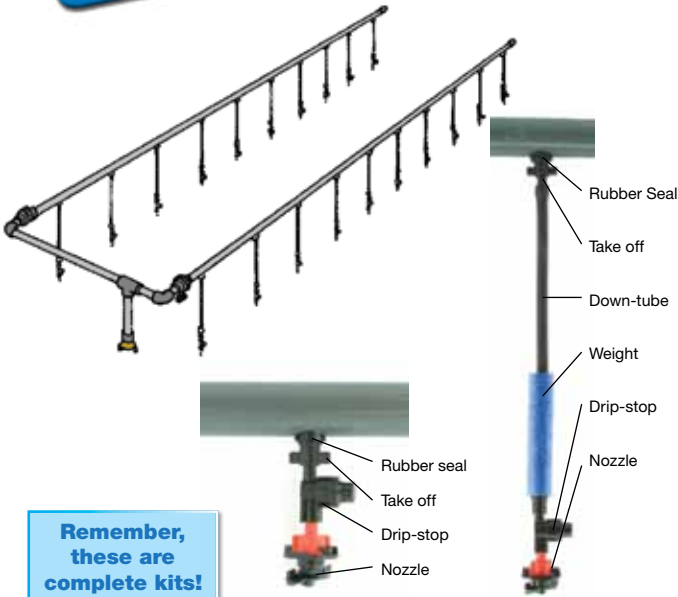
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* For more information on our free delivery, standard despatch and same day despatch services, see page 52.

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!**



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

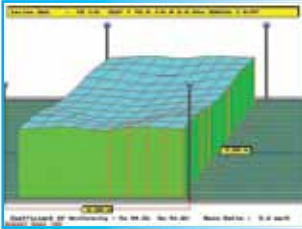
The bridge-less design has a rotating anvil which shatters the water into evenly spread particles. In comparison, the tiniest blemish or build up of lime on a fixed anvil nozzle gives permanently uneven distribution.

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.**

Glasshouses

Tunnels

All designs give high uniformity



When ordering - quote code and length required, e.g. KV3-10

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'	9.1m 30'
10	31	59.00	56.00	110.00	109.00	117.00	117.00		67.00	111.00	111.00
12.5	41	62.00	59.00	123.00	123.00	123.00	123.00		67.00	117.00	117.00
15	49	65.00	61.00	144.00	146.00	147.00	148.00		71.00	143.00	143.00
17.5	57	68.00	66.00	154.00	154.00	159.00	161.00		73.00	149.00	149.00
20	66	71.00	71.00	167.00	167.00	167.00	167.00		83.00	155.00	154.00
22.5	74	74.00	74.00	173.00	173.00	173.00	173.00		86.00	161.00	161.00
25	82	77.00	77.00	178.00	178.00	178.00	178.00		89.00	166.00	166.00
27.5	90	110.00	104.00	199.00	201.00	203.00	206.00		113.00	192.00	192.00
30	98	113.00	107.00	217.00	217.00	217.00	217.00		116.00	198.00	198.00
32.5	107	115.00	109.00	233.00	234.00	234.00	234.00		119.00	215.00	215.00
35	115	120.00	112.00	245.00	247.00	247.00	247.00		122.00	228.00	228.00
37.5	123	122.00	122.00	253.00	253.00	253.00	253.00		124.00	234.00	234.00
40	131	124.00	125.00	265.00	267.00	270.00	271.00		127.00	261.00	261.00
42.5	139	128.00	128.00	281.00	283.00	290.00	291.00		130.00	267.00	267.00
45	148	131.00	131.00	286.00	289.00	296.00	297.00		133.00	272.00	272.00
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

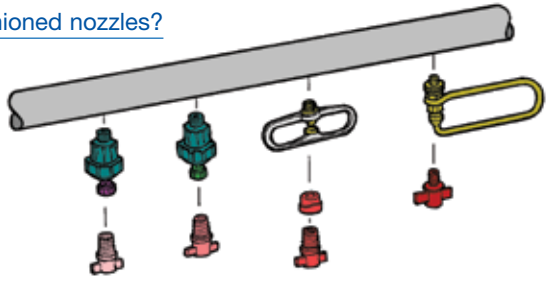
Supplied with 2.5m lengths of pre-drilled and socketed uPVC pipe, Access Mini-spin nozzles, drip-stop valves, downtubes (tunnels only). Entry filter and 'Geka' hose fitting. Twin lines (3.0m/4.2m/4.5m widths are single line) include linkage pipework and on/off valves to each line. **Fixings supplied:**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

For 'Geka' hose tails see p18; Blanking plugs or shut off valves to blank off nozzles see p47

Conversion Kits Still using old fashioned nozzles?

- Uses less water
- More even distribution
- No more dripping
- Smaller droplet size
- Less blockages

A	M11 dutch pin
B	3/8" dutch pin
C	Aluminium line
D	Brass anvil



Adaptors available on page 46

Dripper with Shut Off



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

	Qty	Code	Price £
Dripper/Lead/Cap	25	D2ENPA-Q	17.00
	100	D2ENPA-H	60.00
Stake	25	DAP-Q	2.50
	100	DAP-H	8.00

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	5.50
80cm	100	DL80-H	18.50
100m	1	P12-100M	33.00
	25	DNIP-Q	3.50
	100	DNIP-H	12.00

Multi-outlet Drippers

Mix different output drippers with 2, 4, 6 or 8 dripper leads for versatile and cost effective dripper solutions. Compensated non-leakage.



			Pack of 25		Pack of 100
Output	Colour	Code	Price £	Code	Price £
2 l/h	Brown	D2CT-Q	9.00	D2CT-H	26.00
4 l/h	Black	D4CT-Q	9.00	D4CT-H	26.00
8 l/h	Green	D8CT-Q	9.00	D8CT-H	26.00



2 way



4 way



2 way X



4 way X



Labyrinth



Labyrinth with 80cm lead



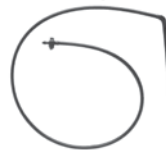
4 way manifold with 80cm leads (driller not included)

	Pack of 25		Pack of 100	
Description	Code	Price £	Code	Price £
2 way	DCTA2-Q	2.70	DCTA2-H	9.00
2 way extension	DCTA2X-Q	2.70	DCTA2X-H	9.00
4 way	DCTA4-Q	2.70	DCTA4-H	9.00
4 way extension	DCTA4X-Q	2.70	DCTA4X-H	9.00
Labyrinth stake	DAL-Q	3.00	DAL-H	10.00
Labyrinth stake & 80cm lead	DAL80-Q	8.00	DAL80-H	31.00
4 way manifold with 80cm leads	DCTM4-Q	27.00	DCTM4-H	105.00

For dripper leads use P12-100m - the pipe must be warmed in water before inserting labyrinth stakes.

Single-outlet Drippers

These neat little pressure compensated drippers are available either pre-assembled with an 80m lead, or on their own.



Dripper with 80cm lead



Single dripper



Anchor stake

Use single drippers on their own over large trees

	Pack of 25		Pack of 100	
Description	Code	Price £	Code	Price £
Dripper with lead	D2CNJA-Q	13.00	D2CNJA-H	48.00
Dripper only	D2PCJ-Q	8.50	D2PCJ-H	27.50
Anchor stake	DAS-Q	3.00	DAS-H	9.00
80cm lead only	DL80-Q	5.50	DL80-H	18.50

Punches



Description	3mm	Price £
Budget Hand Punch	DPB3	6.00
Punch pliers 16/20mm	DPP3	11.00
Punch pliers 25/32mm	DPPL3	13.00

Flexidrip Nozzles with Built in Stake



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

Qty	Code	Price £
25	D2NSL-Q	8.50
100	D2NSL-H	32.00
500	D2NSL-5H	155.00

The Access Flexidrip nozzle is joined to its stake with a unique 4-way universal joint, providing a strong, snag-free unit. Drip leads come in 80cm lengths, which can be cut for shorter lengths or 100m coils. The lead inserts in to the polythene supply pipe using a DNIP adaptor.

Built in stake - never gets lost or tangled!

Anti-Snag Drinker Weights



Ideal for selling stock such as trees or hanging baskets, these weights do away with the tiresome problem of customers ripping the dripper stake out with the pot.

The 11 gramme weight is made from zinc-aluminium for a high weight to volume ratio. The smooth body ensures there is nothing to catch on the plant or the pot. Simply pushes onto the end of the drip lead.

Qty	Code	Price £
25	DAW-Q	10.00
100	DAW-H	35.00

Trickle Tape



The new, advanced method of ground level trickle watering

- 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 £
50m / 160' approx.	TTT-H	16.00
1067m / 3500' approx.	TTT-R	92.00

Diameter	9.5mm
Wall thickness	0.15mm / 6mil
Emitter spacing	15cm
Output @ 0.55 bar	6.8 l/m/h
Operating Pres.	0.3 - 0.7 bar
Maximum length on 0% slope:	38m
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. A 'Geka' fitting connects to the water supply. The 16mm pack is suitable for headers up to 2.5m wide, and includes all fittings and pipe work. The 20mm pack is designed for longer headers.

Contains fittings only, for 20mm pipe see p40.

Description	Code	Price £
Starter Pack	LHPSP	35.00
16mm header pack	LHPC16P	10.00
20mm header pack	LHPC20	8.00

Entry Fittings



Pack of 10. Requires punch - p3.

Code	Price £
TTE-T	5.00

Joiner



Code	Price £
TT9J	0.35

Metzerplas Drip Lines

NEW

With two outputs, two wall thicknesses and 3 dripper types, this 16mm drip line is ideal for larger scale field work. Each dripper has wide passageways and is self flushing.

Pressure Compensated

- Uniform flow rate
- Miniature dripper for low head loss
- Thin: 800m coil and 0.5 – 2.0 bar operation
- Thick: 500m coil and 0.5 – 3.5 bar operation

Thin Walled: 0.4mm				
Output	Spacing	Max. Length	Code	Price £
1.6 l/h	20cm	148m	TMC0.2H	279.00
1.6 l/h	30cm	198m	TMC0.3H	214.00
1.6 l/h	40cm	242m	TMC0.4H	188.00
0.8 l/h	50cm	440m	TMC0.5L	166.00
1.6 l/h	50cm	282m	TMC0.5H	166.00
Thick Walled: 0.9mm				
0.8 l/h	30cm	279m	TMC0.3LT	198.00
0.8 l/h	40cm	356m	TMC0.4LT	177.00
0.8 l/h	50cm	416m	TMC0.5LT	166.00

Pressure Compensated Anti Siphon

- Anti-siphon prevents dirt and soil being sucked into dripper
- Miniature dripper for low head loss
- Thin: 800m coil and 0.5 – 2.0 bar operation
- Thick: 500m coil and 0.5 – 3.5 bar operation

Thin Walled: 0.4mm				
Output	Spacing	Max. Length	Code	Price £
1.6 l/h	20cm	148m	TMA0.2H	327.00
1.6 l/h	30cm	198m	TMA0.3H	254.00
1.6 l/h	40cm	242m	TMA0.4H	220.00
0.8 l/h	50cm	440m	TMA0.5L	193.00
1.6 l/h	50cm	282m	TMA0.5H	193.00
Thick Walled: 0.9mm				
0.8 l/h	30cm	215m	TMA0.2LT	279.00
0.8 l/h	40cm	279m	TMA0.3LT	236.00

Pressure Compensated Anti Siphon & Non Drain

- Drip lines kept full between cycles
- Ideal for pulse irrigation
- Miniature dripper for low head loss
- Thin: 800m coil and 0.8 – 2.0 bar operation
- Thick: 400m coil and 0.8 – 4.3 bar operation

Thin Walled: 0.4mm				
Output	Spacing	Max. Length	Code	Price £
1.6 l/h	20cm	148m	TMN0.2H	343.00
1.6 l/h	30cm	198m	TMN0.3H	268.00
Thick Walled: 1.15mm				
1.6 l/h	20cm	157m	TMN0.2LT	252.00
1.6 l/h	30cm	205m	TMN0.3LT	214.00

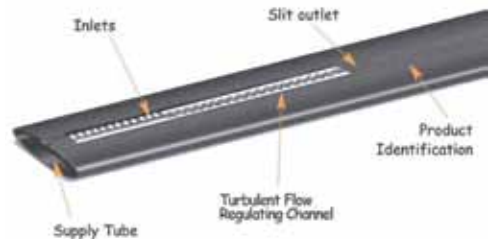
Use T-tape fittings for thin walled pipe and barbed fittings (p41) for thick walled pipe. 

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	20 cm	125 l/h	3048m	TT06-125	185.00
		20 cm	250 l/h	3048m	TT06-250	185.00
		20 cm	500 l/h	675m	TT06-500-S	89.00
		20 cm	500 l/h	3048m	TT06-500	185.00
TSX 508	200 micron	20 cm	500 l/h	2300m	TT08-500	170.00
TSX 510	250 micron	20 cm	500 l/h	375m	TT10-500-S	65.00

Fittings:	Code	Price £
¾" BSPM	TTK16-3	0.30
16mm poly pipe	TTK16-16	0.25
Header take off	TTK16-T0	0.20
Joiner	TT16J	0.30



Additional carriage charges may apply.



TTK16-3



TTK16-16



TTK16-T0



~ see p52

Bench Watering Kits

Watering display beds can be very time consuming. A sprinkler system will ensure even watering with gentle, rain-like droplets.

The kit will water up to 4 beds 10m long and up to 2m wide. For a neat installation the kit uses slim 16mm pipe and black clips. There are full circle nozzles for centre rail benches and 180° nozzles for half width benches.

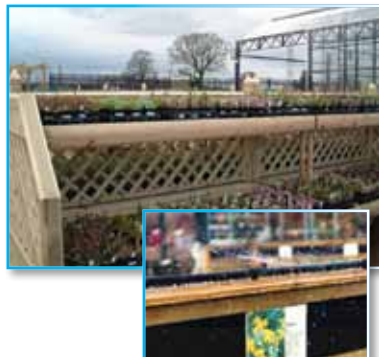
Kit includes 'geka' type connectors for each run of benches.

What you get:

- 40 sprinkler sets
- 50m of slim black 16mm pipe
- 100 pipe clips
- Fittings for end or centre feed
- 4 'Geka' entry connectors

Covers 40m of bench

Code	Price £
SKB	125.00



Tree Bay Watering Kits

Designed to allow customers to easily remove trees without disturbing the irrigation system, this kit will water up to 5 tree bays, with a total run of 50m.

Sprinklers are suspended just above the root area and cover the pots in a gentle spray which is easily absorbed by the compost – even if it is dry.

The kit includes sprinklers, pipe and straining wire with tensioners.

Kit includes 'geka' type connectors for each run.

What you get:

- 50 sprinkler sets
- 50m of slim black 16mm pipe
- Wire and strainers for 5 bays
- Fittings for end or centre feed
- 5 'Geka' entry connectors

Covers 50m of trees

Code	Price £
SKT	99.00



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 100m² (25m x 4m).

The large kit will water an area up to 400m² (50m x 8m).

What you get:

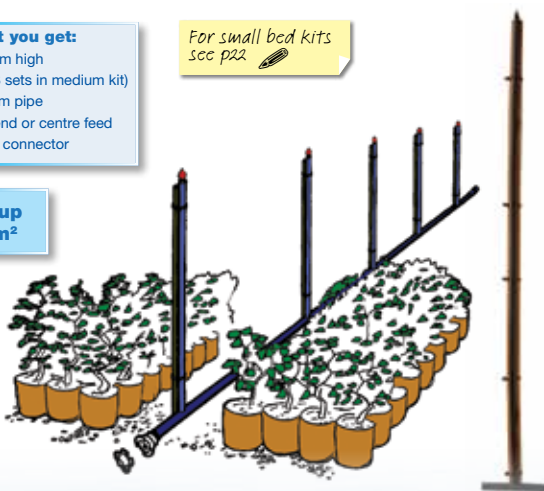
- 10 risers 1.2m high
- Sprinklers (3 sets in medium kit)
- 50m of 20mm pipe
- Fittings for end or centre feed
- 'Geka' entry connector

For small bed kits see p22

Covers up to 400m²

	Code	Price
Medium	SKDC	59.00
Large	SKDN	95.00

Nozzles	Medium			Large
	KE070	KES070	KES120	KNS-200
Bed width	2m	3m	4m	8m
Max length	18m	25m	25m	50m



Liquid Feeding

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 they are emptied.

Max operating pressure 3.0 bar. For fertilisers Water Regulations require a double check valve tap in domestic situations or a pump and tank set for commercial use to prevent back-contamination of water supply.

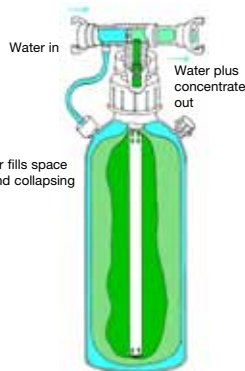
Capacity	Flow Rate		Hose Connector	Jets Supplied	Code	Price £
	min	max				
9.3L 2 gal	0.3m ³ /h 60 gph	2.3m ³ /h 500 gph	Brass quick connector & 'Geka'	10:1	AD2-LF (low flow)	59.00
				25:1		
				50:1		
				100:1		
9.3L 2 gal	1.1m ³ /h 250 gph	6.8m ³ /h 1500 gph	'Geka' with 3/4" hoesetail	50:1	AD2-HF (high flow)	59.00
				100:1		
				200:1		

Mobile Dilutor



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

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



The ideal Dilutor where greater sophistication is useful.

Capacity	Flow Rate		Hose Connector	Jets Supplied	Code	Price £
	min	max				
6.5L 1.4 gal	0.3m ³ /h 60 gph	3.4m ³ /h 750 gph	'Geka' 1/2" & 3/4"	200:1	AD3	99.00

Dilutor Spares

	AD1	Price £	AD2-LF	Price £	AD2-HF	Price £	AD3	Price £
Replacement Bottle models after January 2005			AD2-C115A	19.00	AD2-C115A	19.00	AD3-C115A	33.00
Replacement Head models after January 2005	AD2-HDA-LF	45.00	AD2-HDA-LF	45.00	AD2-HDA-HF	45.00	AD3-HDA*	30.00
Replacement Inner Bag and securing clip							AD3-BAG	14.00
Replacement Boss and Stem							AD3-STEM*	26.00
Inner Pack 2 downtubes & jet pack (AD1 & AD2), or 200:1 or 100:1 jet (AD3)	AD1-IPN	5.00	AD2-IPN-LF	5.00	AD2-IPN-HF	5.00	AD3-J200*	4.00
							AD3-J100*	4.00
Pressure regulator kit with Gekas (all models)	AD-PR	20.00					* for models after March 2006	

Dosmatic Injectors

An Injector with great all round performance

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



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



Minidos



A30



A45



A60/A80

Model No	Litres / hour Gall / hour	%	Ratio	Fittings	Code	Price £
Minidos	7 - 2,700 2 - 600	0.5 - 2.5	200:1 - 40:1	¾" M	EIDAMD	334.00
A30-2.5	34 - 6,800	0.2 - 2.5	500:1 - 40:1	1" M	EIDA30	429.00
A30-4ML	8 - 1,500	0.025 - 0.4	4000:1 - 250:1		EIDA30-4ML ~	749.00
A45-2.5	34 - 10,200	0.2 - 2.5	500:1 - 40:1	1¼" M	EIDA45	499.00
A45-4ML	25 - 2,200	0.025 - 0.4	4000:1 - 250:1		EIDA45-4ML ~	849.00
A60-2.5	110 - 13,600 25 - 3,000	0.2 - 2.5*	500:1 - 40:1*	50mm uPVC sockets	EIDA60 +	1089.00
A80-2.5	230 - 20,000	0.2 - 2.5*	500:1 - 40:1*	63mm uPVC sockets	EIDA80 +	1169.00



Access Mobile Injector Trolley



Drum not included

Accessory Pack Includes:

- 25m 1/2" hose
- 60cm lance
- Hose fittings
- 25l drum

Code	Price
EIDMA	69.00

Injector Model	Code	Price
ADSD	EIDM-SD	359.00
EIDAMD	EIDM-MD	435.00
25L drum	EIDRUM25	16.00

Dosatron Injectors



The UK's best selling Injector

- 12 month guarantee
- Excellent service backup



D3GL-2



D45-1.5



D8R



D20S

Designed specifically for adding fertiliser, the D3GL-2 has an all plastic motor with substantially fewer parts for improved reliability and maintenance.

Model No	Litres / hour Gall / hour	%	Ratio	Fittings	Code	Price
D3GL-2	10 - 3,000	0.2 - 2.0	500:1 - 50:1	3/4" M	EIDND3	299.00
	2 - 660					
D45-1.5	100 - 4,500	0.2 - 1.5	500:1 - 67:1	1 1/4" M	EIDNDA45	469.00
	22 - 990					
D8R 0.15 - 8 bar	500 - 8,000 110 - 1,760	0.2 - 2.0	500:1 - 50:1	50mm PVC	EIDND8R	729.00
D20S 0.12 - 10 bar	1,000 - 20,000	0.2 - 2.0	500:1 - 50:1	63mm PVC	EIDND20R	1429.00
	220 - 4,400					
D30S 0.5 - 8 bar	10,000 - 30,000	0.25 - 1.25	400:1 - 80:1	2" M	EIDND30S	1479.00
	2,200 - 6,600					

~ 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	166.00

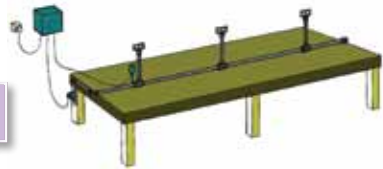
Pre-wired

Overhead Kit - Single Bench



With Mist Controller, wet leaf, solenoid, wire, wire strainer, support straps, glue and fittings as shown.

Riser Kit - Single Bench



Twin Bench kits available

With Mist Controller, wet leaf, solenoid, glue and fittings as shown.

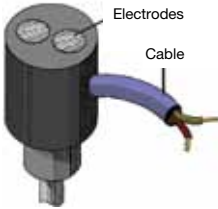
Length (m)	1m wide bench	Price £
1	MA1H1	239.00
2	MA1H2	252.00
3	MA1H3	266.00
4	MA1H4	277.00
5	MA1H5	290.00
6	MA1H6	303.00
7	MA1H7	315.00
8	MA1H8	328.00
9	MA1H9	342.00
10	MA1H10	354.00
Extra 1m run	MNH1.0M	15.00

Length (m)	1.5m wide bench	Price £
1.25	MA2H1	236.00
2.50	MA2H2	248.00
3.75	MA2H3	261.00
5.0	MA2H4	272.00
6.25	MA2H5	286.00
7.5	MA2H6	298.00
8.75	MA2H7	311.00
10	MA2H8	322.00
11.25	MA2H9	333.00
12.5	MA2H10	345.00
Extra 1.25m run	MNH1.25M	15.00

Length (m)	1m wide bench	Price £
1	MA1V1	222.00
2	MA1V2	232.00
3	MA1V3	239.00
4	MA1V4	248.00
5	MA1V5	260.00
6	MA1V6	269.00
7	MA1V7	284.00
8	MA1V8	292.00
9	MA1V9	305.00
10	MA1V10	334.00
Extra 1m run	MNV1.0M	12.00

Length (m)	1.5m wide bench	Price £
1.25	MA2V1	229.00
2.50	MA2V2	239.00
3.75	MA2V3	249.00
5.0	MA2V4	257.00
6.25	MA2V5	266.00
7.5	MA2V6	275.00
8.75	MA2V7	283.00
10	MA2V8	294.00
11.25	MA2V9	301.00
12.5	MA2V10	311.00
Extra 1.25m run	MNV1.25M	12.00

Wet Leaf



Replacement wet leaf.
We recommend replacement every few years.

	Code	Price
2.5m lead	MWL-2.5M	26.00

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

Made-to-measure Heat Mats



The modern way to propagate, these made-to-measure heat mats consist of a heating element sandwiched between two layers of thick foil - spreading the heat quickly and evenly. Each unit can be supplied with a pre-wired thermostat with remote probe for accurate temperature control.

To calculate price Multiply length x width in metres to give m². Multiply by appropriate price per m². Add plussages if appropriate.

Made to measure Mats		
Total area of Heat Mat (m²)	Code ~	Price £/m²
2.00m² - 2.99m²	EHMA	65.00
3.00m² - 4.99m²	EHMC	45.00
5.00m² - 9.99m²	EHMD	35.00
10.00m² - 19.99m²	EHME	33.00
Probe thermostat	ETHBS	76.00
Panels under 0.25m wide add 20%		
Panels over 1.5m wide add 7.5%		
Panels over 2.0m wide add 15%		
Allow several weeks for despatch.		
A £10 carriage charge must be added		

Pre-made Heat Mats



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
0.6m x 1.2m	EHM0612	124.00
1.0m x 2.0m	EHM1020	189.00

Dual Function Thermostat



- Digital Display
- 0°C – 40°C range
- 3000w rating
- 1.5m sensor cable

Digital thermostat controls heaters or ventilators. When used with heat mats, the sensor can be placed into the compost for accurate control.

The digital display is easily adjusted, and the heater or ventilator plugs into the front of the unit to eliminate wiring.

Code	Price
ETHRP	64.00

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.

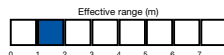
Half Circle

This nozzle uses the Eindor taper system, see p46. Ideal working pressure 2-3 bar.



Output at 2 bar	Recommended bed width			Pack of 10		Pack of 100	
	Colour	Risers ▲	Tunnel ▼	Code	Price £	Code	Price
40 l/h	Blue	1.0m	1.0m	KEASH40-T	4.70	KEASH40-H	43.00
70 l/h	Black	1.3m	1.3m	KEASH70-T	4.70	KEASH70-H	43.00
90 l/h	Green	2.0m	2.0m	KEASH90-T	4.70	KEASH90-H	43.00

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



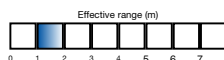
Mini-mist

This nozzle uses the Eindor taper system, see p46. Ideal pressure 2-4 bar.



Output at 2 bar	Recommended bed width			Pack of 10		Pack of 100	
	Colour	Risers ▲	Tunnel ▼	Code	Price £	Code	Price
20 l/h	Green	1.0m	1.0m	KEAF020-T	4.50	KEAF020-H	35.00

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



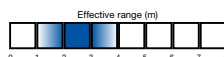
Vibro-spin

This nozzle uses the Eindor taper system, see p46. Ideal working pressure 2 bar.



Output at 2 bar		Recommended bed width		Pack of 10		Pack of 100	
	Colour	Risers ▲	Tunnel ▼	Code	Price £	Code	Price
60 l/h	Grey	1.5m	1.5m	KE060-T	3.00	KE060-H	25.00
70 l/h	Black	2.0m	2.5m	KE070-T	3.00	KE070-H	25.00
105 l/h	Blue	2.5m	3.0m	KE105-T	3.00	KE105-H	25.00
120 l/h	Red	2.7m	3.2m	KE120-T	3.00	KE120-H	25.00
160 l/h	Brown	3.0m	3.5m	KE160-T	3.00	KE160-H	25.00

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



Mini-spin

This nozzle uses the Eindor taper system, see p46. Ideal working pressure 2 bar.



Output at 2 bar	Recommended bed width		Pack of 10		Pack of 100		
	Colour	Risers ▲	Tunnel ▼	Code	Price £	Code	Price
40 l/h	Silver	2.2m	-	KES040-T	6.50	KES040-H	58.00
70 l/h	Black	3.0m	-	KES070-T	6.50	KES070-H	58.00
105 l/h	Blue	3.2m	-	KES105-T	6.50	KES105-H	58.00
120 l/h	Red	4.0m	-	KES120-T	6.50	KES120-H	58.00
160 l/h	Brown	5.0m	-	KES160-T	6.50	KES160-H	58.00

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



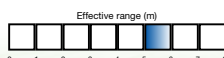
Mini-spin Tunnel

This nozzle uses the Eindor taper system, see p46. Ideal working pressure 2 bar.



Output at 2 bar	Colour	Recommended bed width		Pack of 10		Pack of 100	
		Risers ▲	Tunnel ▼	Code	Price £	Code	Price
70 l/h	Black	-	5.0m	KESU070-T	6.00	KESU070-H	52.00
105 l/h	Blue	-	5.2m	KESU105-T	6.00	KESU105-H	52.00
120 l/h	Red	-	5.5m	KESU120-T	6.00	KESU120-H	52.00
160 l/h	Brown	-	5.7m	KESU160-T	6.00	KESU160-H	52.00

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



Rotoframe

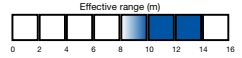
This nozzle has a 1/2" BSPF thread. Ideal pressure 0.5-2 bar.



Output at 1.5 bar	Material	Maximum diameter	Code	Price £
830 l/h	Brass	13.8m	KRF	9.70

Use a Naan 501 Sprinkler (page 14) as a more efficient alternative.

- Heavy droplet size
- Brass construction
- Popular for existing systems



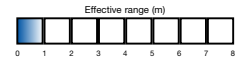
Coolnet Fogger

This nozzle uses the Eindor taper system, see p46. Ideal pressure 3-5 bar



Output at 4.5 bar	Material	Maximum diameter	Code	Price £
7.5 l/h	Plastic	1.5m	KE7CN4	3.00

- Ideal for cooling
- Raises humidity
- 50 micron droplets



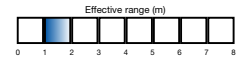
Amber Mist Nozzle

This nozzle has a 1/2" BSPM thread. Ideal pressure 3.5 bar. Spares available – please call our sales department.



Output at 3.5 bar	Recommended bed width		1/2" BSPM	
	Colour	Risers ▲	Tunnel ▼	Code
25 l/h	0.6mm	1.0m	1.0m	MA2-24
46 l/h	0.8mm	1.5m	1.5m	MA2-32
78 l/h	1.2mm	1.8m	1.8m	MA2-48
Anti drip insert				MAA
				2.60

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



Small Shrub Head

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

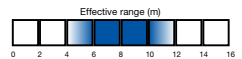


Output	Material	Maximum radius	Code	Price
150 - 1200 l/h	Plastic	4.6 - 11.3m	KHPGJ-SH	23.00

Adjustable Arc

Output			
Nozzle	Bars	Radius	m ² /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

- Full set interchangeable nozzles
- Gentle 'rain fall'
- Ideal for small gardens



Large Shrub Head

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

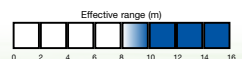


Output	Material	Maximum radius	Code	Price
110 - 3270 l/h	Plastic	8.5 - 15.8m	KHPGS	27.00

Adjustable Arc

Output @ 3.5 bar		
Nozzle	Radius	m ² /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

- Full set interchangeable nozzles
- Gentle 'rain fall'
- Ideal for large garden centres



Naan Maestro



This nozzle has a 1/2" BSPM thread

- Wide field spacing
- Good wind resistance
- Variable Trajectory Drive for better uniformity

Spacing (m)	10 x 12; 12 x 12
	12 x 14; 12 x 15
	14 x 14; 15 x 15
Output @ 2.5 bar	755 l/h
Pressure Range	2.5 - 4 bar
Diameter	24.5 - 26m
Code	KNM-755
Price £	7.50

Naan 501



This nozzle has a 1/2" BSPF thread

- Low precipitation rate
- Turbo hammer operation
- Low cost

Spacing (m)	Blue	Brown
	4 x 4	6 x 6
	4 x 6	6 x 8
	6 x 6	8 x 8
	6 x 8*	8 x 10*
Output @ 2 bar	200 l/h	300 l/h
	1.5 - 3 bar	1.5 - 3 bar
Diameter	14.5 - 15m	12 - 14m
Code	KN5-200	KN5-300
Price £	4.00	4.00

Naan 5022U



- 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 £	6.50

Naan Adjustable



These nozzles have a 1/2" BSPM thread



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

Spacing (m)	Plastic	Plastic	Metal
	8 x 10	8 x 10	8 x 10
	10 x 10	10 x 10	10 x 10
	10 x 12*	10 x 12*	10 x 12*
	12 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 £	5.50	5.40	11.00

Adaptors



A

B

C

Adaptor	Riser	Sprinkler	Code	Price £
A	3/4" BSPM	1/2" BSPF	FPT12-3	0.60
B	1/2" BSPM	1/2" BSPM	FPTS2	0.75
C	3/4" BSPM	1/2" BSPM	FPTS3-2	0.80
D	1/2" BSPM	Eindor male	KECP2	0.35
E	3/4" BSPM	Eindor male	KECP3	0.40
F	1/2" BSPM	Eindor female	KECP2M	0.35

D

E

F



*at higher pressure

Bedding Spike



- Use for borders and frames
- Top fitting accepts Eindor taper nozzles
- Barbed plunger for polythene pipe – use punch (p3)



Qty	Height	Code	Price £
10	0.35m	KRBS-T	24.00
100		KRBS-H	180.00

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	26.00
100		KRSR-H	234.00

Large Stake Riser



- Low Cost
- Secures to customers own stake – includes straps
- ½" BSPM top fitting
- ¾" BSPM bottom fitting for tee or saddle connection



Qty	Height	Code	Price
10	1.25m	KRSRL-T	29.00
100		KRSRL-H	249.00

Field Riser



- Galvanised stake
- Connecting pipe
- KRFF requires 4mm hole for lateral pipe
- KRFF requires 8mm hole for lateral pipe

For Sprinkler	Qty 10 Code	Price £
Naan 501	KRFM-T	39.00
Naan 5022U Maestro	KRFF-T	55.00

Tripod Riser



- Portable
- ¾" BSPM top and bottom fitting
- Height adjustable

Code	Price £
KRT	25.00

Spiked Riser



- Use on grass or soil
- Connect hose with 'Geka' hosetails or plastic Quick Connector
- ¾" BSPM sprinkler fitting
- Includes adaptor for Eindor taper nozzles



	Height	Code	Price £
'Geka' fittings	0.7m	KRST0.5	16.00
QC inlet	0.7m	KRST0.5Q	11.00

Sled Riser

- Use on concrete or soil
- Includes 'Geka' fittings
- Connect hose with 'Geka' hose tails
- ¾" BSPM thread



Height	Code	Price £
0.36m	KRDT	34.00

Large Spiked Riser



- Use on grass or soil
- Includes 'Geka' fittings
- Connect hose with 'Geka' hose tails
- ½" BSPM thread

Height	Code	Price
0.55m	KRLS0.5	26.00
1.05m	KRLS	

Heavy Duty

Cross Base Riser



- Use on hard standings
- Includes 'Geka' fittings
- Connect hose with 'Geka' hose tails
- ½" BSPM thread

Height	Code	Price £
0.56m	KRLX0.5	29.00
1.06m	KRLX	

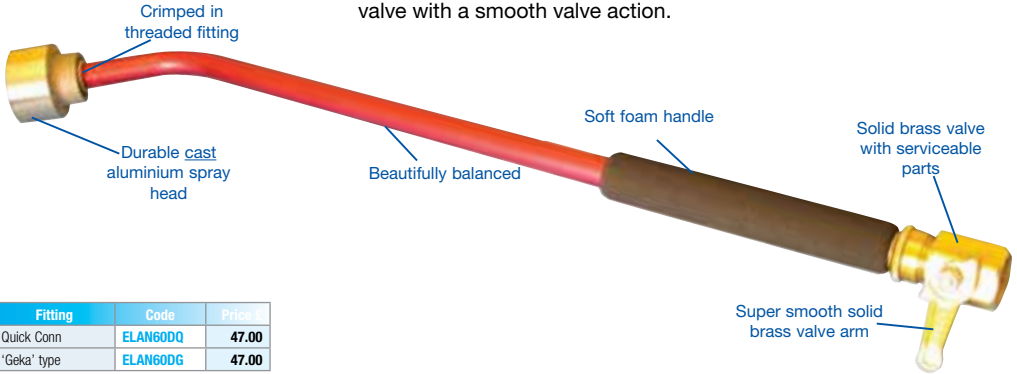
Heavy Duty

Hand Watering

Professional Watering Lance

NEW

The best watering lance we have come across, this beautifully balanced US manufactured 60cm lance has a solid brass on/off valve with a smooth valve action.



Fitting	Code	Price £
Quick Conn	ELAN60DQ	47.00
'Geka' type	ELAN60DG	47.00

Professional Watering Roses

NEW



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



2. 170 Water Breaker
26 l/min @ 2.7 bar



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

No	Item	Code	Price £
1	400AL	EHPRA	19.00
2	170AL	EHPRB	14.00
3	1000PL	EHPRC	16.00
	Filter	EHPRD	6.50
	Rubber cap for rose 1 and 3	EHPRE	2.00

Quick Coupling Valve and Take Off

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

Valve: Plastic - hinged cap. ¾" M

Take off: Plastic - ¾" M



	M	Code	Price £
Valve	¾"	EVQC	8.50
Take-off	¾"	EVQCTO	4.00

Geka Lances

Plastic Lance

Comes with plastic valve and rose - 60cm long.

Code	Price £
ELANCE60P	24.00

"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 F&C BM3 (page 20)

Length	Code	Price £
40cm	ELANCE40	28.00
60cm	ELANCE60	29.00
90cm	ELANCE90	32.00

Telescopic Lance

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



	Code	Price £
35°	ELANCEX	99.00
135°	ELANCEXS	95.00

60cm Trigger Lance NEW

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



	Code	Price £
Quick Conn	ELANG0TQ	32.00
'Geka' type	ELANG0TG	32.00

Watering Roses



No.	Rose	Code	Price
1	Large Alloy	EHRAR	6.80
2	Small Alloy	EHRAS	9.80
3	Triple Jet	EHRTJ	18.00
4	Large Plastic	EHRPR	5.00

Metal Spray Gun NEW

6 function spray gun with brass quick connector.



	Code	Price £
Metal spray gun	EHGUN	15.00

Spares



	Code	Price £
Metal tap	EVL3MF	7.50
Plastic tap	EVA3FM	2.80
Domed washer	EHLA3	1.25

Tricoflex Hose



- 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.



**20 Year
Guarantee**

Size ID	25m Coil		50m Coil		100m Coil	
	Code	Price £	Code	Price £	Code	Price £
1/2"	PHT2-25M	23.00	PHT2-50M	43.00	PHT2-100M	79.00
3/4"	PHT3-25M	37.00	PHT3-50M	69.00	PHT3-100M	138.00
1"	PHT4-25M	54.00	PHT4-50M	109.00	PHT4-100M	225.00

Brass Hose Couplers

NEW



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

Hose-Thread	Code	Price
3/4" - 1" Male	FHB3-4	5.50
1" - 1" Male	FHB4-4	5.00
3/4" - 3/4" Female	FHB3-3F	2.50
3/4" - 1" Female	FHB3-4F	5.00
1" - 1" Female	FHB4-4F	3.50

'Geka' Type Hose Fittings

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

Male BSPM



Qty	Code	Price £
1/2"	FGBM2	2.00
3/4"	FGBM3	2.00
1"	FGBM4	2.10

Female BSPM



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

Qty	Code	Price
1/2"	FGBF2	2.00
3/4"	FGBF3	2.00
7/8"	FGBF78	6.00
1"	FGBF4	2.10

Hosetail



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

Qty	Code	Price £
1/2"	FGBH2	2.15
3/4"	FGBH3	2.20
1"	FGBH4	2.70

Spare Seals

Pack of 10 in re-sealable bag



Code	Price £
FGRS-T	2.50

Blanking Cap



Code	Price £
FGBSE	2.00

'Y' Piece



Code	Price
FGBY	10.95

Hose Clips



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

Range	Hose Size	Code	Price £
13-20mm	1/2"	FHC2	0.60
17-25mm	3/4"	FHC3	0.60
25-35mm	1"	FHC4	0.65
35-50mm	1 1/4"-1 1/2"	FHC6	0.75
50-70mm	2"	FHC8	0.85

Hose Trolleys



Sturdy welded tubular steel frame with generous carrying capacity.

No.	Construction	Capacity (m)			Tyres	Connector	Code	Price £
		½"	¾"	1"				
1	Bolted Steel	100	70		Solid	QC	EHRC2	104.00
2	Bolted Stainless	100	70		Solid	QC	EHRC2S	154.00
3	Welded Steel	100	60		Solid	QC	EHRC3	176.00
4a	Welded Steel		80	45	Pneu	'Geka'	EHRC4S	246.00
4b	Welded Steel		120	70	Pneu	'Geka'	EHRC4	274.00
5	Welded Stainless		120	70	Pneu	¾"	EHRC5	349.00
6	Bolted Steel	60			Wall	QC	EHRW2	100.00
7	Bolted Steel	60			Carry	QC	EHRP2	90.00
8a	Welded Steel	50	40		Wall	½"	EHRWS2	85.00
8b	Welded Steel	100	70		Wall	½"	EHRWL2	116.00
9	Welded Steel	50	40		Wall	½"	EHRWSV	105.00

Hose Hanger

Keep your hose tidy with this heavy duty professional hose hanger. Has 3 fixing holes to secure to the wall. Takes 100m ½" hose or 50m ¾" hose.



Code	Price £
EHHH	27.00

Manifolds

Top quality Italian fittings

2 Way Manifold



- Built in taps
- Teflon seals
- Protect from frost

	Code	Price £
¾" M threads	ET2M3	19.00
Quick connector	ET2MQ	16.50

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	27.40

Brass Quick Connectors

Compatible with plastic systems

Tap Connector



¾" F for ½" tap.

Code	Price £
FQCBT3	2.20

Male Adaptor



½" or ¾" male thread.

	Code	Price £
½"	FQCBM2	2.10
¾"	FQCBM3	2.10

¾" Male Adaptor



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

Code	Price £
FQCBS3	6.30

Hose Connector



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

	Code	Price £
½"	FQCBH2	5.60
¾"	FQCBH3	6.70

Shut off Connector



For ½" hose. Shuts off when disconnected.

	Code	Price £
½"	FQCBH2S	6.60

Hose-Hose Connector



For ½" and ¾" hose. Joins 2 hoses.

	Code	Price
½"	FQCBJ2	4.80
¾"	FQCBJ3	6.00

Revolving Elbow



¾" female thread.

Code	Price £
FQCE3	6.60

Easy-fit 'Geka' Hosetail



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

	Code	Price £
½"	FQCBG2	5.30
¾"	FQCBG3	6.00

Barbed Hose Connector



Allows permanent connection of ½" and ¾" hoses - use Jubilee clip - page 18.

Code	Price £
FQCBG3	6.60

Hose Coupler



Joins 2 hose connectors.


Code	Price £
FQCBK3	2.60

Replacement Seals



Replaces male sealing ring. Pack of 10.

Code	Price £
FQCRS-T	3.00

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, which is able to design and supply bespoke irrigation systems for a wide variety of landscape projects including large private gardens, corporate HQ and green roof systems.



Border Drip Kit



Covers up to 60m²



Code	Price
SPBK	119.00



What you get:

- 100m drip line
- Tap connector
- Hose connector
- Filter
- Anchorage pegs
- Selected barbed fittings

Drip irrigation is the most efficient and unobtrusive way of watering beds, with water dripping directly into the soil. The drip line is dark 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 the tap using a hose with a standard quick connector. Requires DB valve (p29) to comply with domestic water regulations.

Small Border Drip Kit



This is a smaller version of the above kit to water a compact area.

Code	Price
SPBK25	39.00



Covers up to 15m²

What you get:

- 25m drip line
- Tap connector
- Hose connector
- Filter
- Anchorage pegs
- Selected barbed fittings



Hanging Basket Kit



Hanging baskets and planters are a nightmare to water. With this easy to install kit, everything can be watered with the turn of a tap. Regular drip watering will produce fantastic looking displays, especially if a feeder system is used - see p29.

The kit uses professional quality drippers and ultra slim black pipe for unobtrusive installation. Requires DB valve to comply with domestic water regulations - p29.

What you get:

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



Using a timer to water 2 or 3 times a day will make a tremendous difference to the growth of plants and flowers - see p30

Waters up to 25 baskets

Code	Price
DW25BK	39.00

For more details and Contractor Packs see p28-29

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. Fittings to connect to an outdoor tap or a garden hose. Simple to install.

Needs punch, see p3.



What you get:

- 10 sprinkler risers
- 50m pipe
- Tap connector
- Fittings
- 10 large sprinklers
- 10 medium sprinklers
- 10 half-circle nozzles

Code	Price
SBW	79.00

**Covers up to 75m²
(25m x 3m wide)**

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



Lawn Watering Kit



Covers up to 250m²
(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
- 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, a DB valve (page 29) can be used.

Code	Price £
SLW	119.90

Temporary Lawn Watering Kit



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	199.00



Covers up to 250m²
(25m x 10m wide)

What you get:

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



Permadrrip



Easy Installation

At last – a really simple dripper system

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



Measure bed



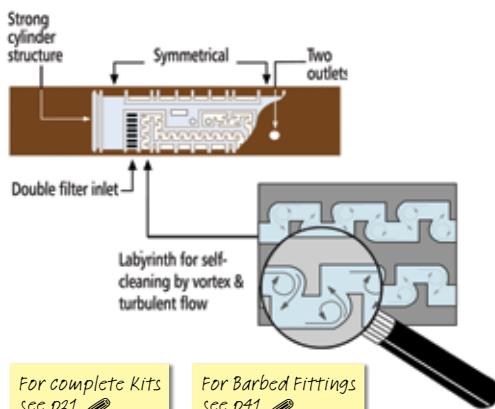
Lay and peg



Connect up



Connect to tap



For complete Kits
see p21

For Barbed Fittings
see p41

Air/Vacuum Relief Valve



Required for all Permadrrip installed underground.

Fit to the highest point of each dripline to prevent dirt entering the drippers.

Code	Price £
TNAV	5.00

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	10.00
100	ESS16-H	39.00
800	ESS16-8H	295.00

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 m²) 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 p38). 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 p29.

How long should I run it for?

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

Operating range:	0.5-4.3 bar
Nozzle Output:	1.6 l/h
Maximum length (0.5m):	205m
Recommended Filter:	0.13mm

Length	Spacing	Code	Price £
25m	0.3m	TNP0.3-Q	24.00
25m	0.5m	TNP0.5-Q	20.00
100m	0.3m	TNP0.3-H	71.00
100m	0.5m	TNP0.5-H	60.00

Leakage Prevention



Designed for sloping sites, prevents leakage from low points.

Recommended for use with Permadrrip Pro where slope exceeds 1.4m.

Fitting: ½" M x ½" F

Code	Price £
TNLPD	1.90



Permadrip Pro



Higher spec drip line with non-drip function – ideal for sloping sites. Low output, close spaced drip line for even coverage.

Operating Range:	0.8-4.3 bar
Wall thickness:	1.2mm
Nozzle Output:	1.6 l/h
Coil Size:	100m
Spacing:	0.15m



Code	Price
TNT0.15M	118.00

2 Year Guarantee

Underground Valves



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

Galcon pre-assembled unit includes control valves, valve box and Galcon waterproof battery operated controller.

Mains pre-assembled unit includes control valves, valve box but no controller (see p31 for suitable controllers).

For Water Regulation compliance, a DB valve module can be added.

Optional rain sensor suspends watering on wet days.

	Galcon	Price £	Mains	Price £
2 zone	EPAV02	254.00	EPAB02	144.00
4 zone	EPAV04	354.00	EPAB04	197.00
DB option	EPAVDB	134.00	EPABDB	109.00
Rain Sensor	ERSB	42.00		

Tree Watering Kit



What you get:

- Dripline and pegs
- Fittings for 15 trees
- 50m underground supply pipe
- ¾" M inlet fitting

Code	Price
STW	229.00

Trees require large amounts of water and are expensive to replace. This kit includes pipework and fittings to water up to 15 trees.

Underground supply pipes allow the trees to be linked to a single water source.

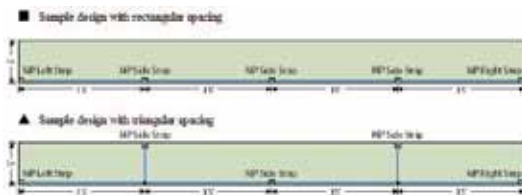
Close spaced Permadrip Pro drip line allows water to be provided for each tree. More drippers can be fitted to larger trees and less drippers for smaller trees. Drip line can be hidden under mulch.

MP Rotator Sprinklers



Water efficient sprinklers with 'matched precipitation' which allows different nozzles and arcs to be used on the same zone while maintaining uniformity.

Depending on the available mains water supply, in 'home gardens' the sprinklers can be connected using a 'DB' valve (page 29).



- Matched Precipitation
- NEW side strip
- Water efficient

	Code	Price
Pop up only	KHPPR	4.30

Radius	Arc	Code	Price
3.5 - 4.5m	45° - 105°	KHMP1D	9.20
3.7 - 4.6m	90° - 210°	KHMP1A	9.20
3.7 - 4.6m	210° - 270°	KHMP1B	9.20
3.7 - 4.6m	360°	KHMP1C	9.20
4.9 - 6.4m	90° - 210°	KHMP2A	9.20
4.9 - 6.4m	210° - 270°	KHMP2B	9.20
4.9 - 6.4m	360°	KHMP2C	9.20
7.6 - 9.1m	90° - 210°	KHMP3A	9.20
7.6 - 9.1m	210° - 270°	KHMP3B	9.20
7.6 - 9.1m	360°	KHMP3C	9.20
Adjuster key	KHKMP	1.50	

Strip Sprinklers			
Coverage	Nozzle @	Code	Price
Between 1.2m x 3.7m and 1.8m x 5.2m	L/H Corner	KHMP1H	9.20
	R/H Corner	KHMP1R	9.20
Between 1.2m x 7.3m and 1.8m x 10.4m	Centre of one side	KHMP2S	9.20

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 ½" hose.

Code	Price
EHTS2	118.00



Medium Traveller

Rugged steel construction designed for light commercial use, the sprinkler follows the path laid out by the hose. Use a timer to shut the sprinkler off.

Diameter: 1.5m - 16m @ 4 bar
Use ½" hose.

Code	Price
EHTS3	290.00



Large Traveller

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	1339.00



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



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 £
KHPGJ	24.00

Nozzle	Bars	Radius	m³/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

PGP Ultra

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



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

Nozzles	Code	Price £
4" sprinkler body	KHPGP	26.00
Box of 6 sprinklers	KHPGPBX	99.00
Short radius nozzles	KHP-NSR	2.00

Low Angle Nozzles @ 3.5 bar		
Nozzle	Radius	m³/hr
2.0LA	8.5m	0.48
2.5LA	10.1m	0.64
3.5LA	10.7m	0.80
4.5LA	10.7m	1.00

Short Radius Nozzles @ 3.5 bar		
Nozzle	Radius	m³/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

3 Year Guarantee

Standard Nozzles @ 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

I20 Ultra

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



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

Nozzles	Code	Price £
4" sprinkler body	KHP20	40.00
Box of 6 sprinklers	KHP20BX	180.00
Short radius nozzles	KHP-NSR	2.00

Low Angle Nozzles @ 3.5 bar		
Nozzle	Radius	m³/hr
2.0LA	8.5m	0.48
2.5LA	10.1m	0.64
3.5LA	10.7m	0.80
4.5LA	10.7m	1.00

Short Radius Nozzles @ 3.5 bar		
Nozzle	Radius	m³/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

5 Year Guarantee

Standard Nozzles @ 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

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	60.00

Nozzle	Bars	Radius	m³/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	1.00



	Code	Price £
12" swing joint ½" top	KHSJ12-2	4.90
12" swing joint ¾" top	KHSJ12-3	4.90

¾" base thread fits to tees or saddles - see page 39



Hanging Basket System

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

Access have designed a new range of kits which include all the parts you need to set up the system. Automatic controllers can be added to irrigate whilst on holiday, and several systems can easily be run from a standard ½" tap.

Easy Installation



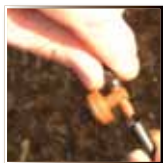
Fit to tap



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 p30.

Saves hours of time!



Dripper



Stake

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

- ▲ = drippers equally spaced down length of pipe
● = drippers predominantly at the far end of the pipe

Drippers per Basket			
35cm/14"	40cm/16"	45cm/18"	50cm/20"
1	2	3	4
Window boxes: 1 per 30cm/12" of length			



Contractor Packs

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



What you get:

- 100 drippers
- 100 stakes
- 100m supply pipe
- 60m dripper pipe
- 200 pipe clips
- 30 branching tees
- 20 straight connectors
- 100 stop ends
- 10 Tap connectors
- 1 Re-useable components box

For 25 nozzle kit
see p22

Code	Price £
DWCP	199.00

Components

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

		Code	Price £
Drippers	10	D2PCT-T	8.00
	25	D2PCT-Q	16.00
	100	D2PCT-H	60.00
Stakes	25	DAS-Q	3.00
	100	DAS-H	9.00
Supply Pipe	100m	P14-100M	33.00
Dripper Pipe	20m	P13-20M	4.50
	100m	P12-100M	33.00
Branching Tees	10	FBT6-T	3.00
	100	FBT6-H	17.00
Straight Connectors	10	FBK6-T	2.00
	100	FBK6-H	9.00
Stop Ends	10	PA12=1-T	1.20
	100	PA12=1-H	5.50
Hammer Clips	25	FPCN6-Q	1.80
	100	FPCN6-H	6.00
Tap fittings with filters	1	DWTF	3.00
	10	DWTF-T	16.00

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.

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

	Code	Price
DB Valve	EVDB3	59.00
Fixing Kit	EVDB3KT	2.00



Hanging Basket Feeder

Feeding baskets has always been a problem, especially as the small compost volumes of a basket and the regular watering required conspire to rob the plants of the nutrients they need.

The feeder is connected to the irrigation pipework. Liquid feed is then added into the bottle as required by unscrewing the top cap. Once feeding is complete the feeder can be left in position until the next feed is required. Use a pressure regulator over 3.0 bar pressure.

Flow range:	1 - 100 l/h (0.25 - 22 gph)
Max pressure:	3.0 bar (40 psi)
Fittings supplied:	Connector for 4-5mm ID pipe (2)
	Connector for 5-6mm ID pipe (2)
	Brass hose quick connector (2)

	Code	Price £
Hanging Basket Feeder	AD1-HB	35.00



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	47.00
Battery (1 needed)	C280-9V	3.00

• 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	43.00
Battery (1 needed)	C280-9V	3.00

• 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

NEW



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

	Code	Price
Single station with 1" valve	EPAG01	90.00
4 station controller only	EPAGDC4	76.00
1" valve for 4 station (fit up to 4)	EPAGV	30.00
Battery (1 needed)	C280-9V	3.00
Rain sensor	ERSB	42.00

• 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

Galconette Pro – Single Station

NEW



This professional quality controller will screw directly onto an outdoor tap, and unlike many budget models on the market, the unit is well sealed against the elements. Rotating cover shields buttons and screen.

	Code	Price
Galconette Pro	EPAGP	56.00
Battery (1 needed)	C280-9V	3.00

• Easy operation	• Screws onto ¾" outdoor tap
• Manual over-ride	• Internal filter
✓ 4 starts per day	✗ Cycling option
✓ 1 min - 12hr watering time	✓ 1 year battery life (average)
✗ Seasonal adjust	✗ Rain sensor option

Galcon Tap Manifold



Simple way of fitting Galcon to the tap, creating up to 4 separate zones. Includes controller (but not tap).

Inlet:

¾" F Outlet: ¾" M or 1" F

	Code	Price
2 zone	EPAG02	140.00
3 zone	EPAG03	170.00
4 zone	EPAG04	199.00

Heron Multi-wire



One of the most dependable controllers on the market, for 2012 we have an exclusive 6 zone controller. All controllers feature large, backlit displays and the ability to give zones individual 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**

Stations	Code	Price £
6	EPAH06	190.00
8	EPAH08	248.00
12	EPAH12	309.00
16	EPAH16	415.00
24	EPAH24	585.00
32	EPAH32	640.00

• Remote start	• Programme freeze
• Multiple programmes	• Delay between valves
• 3 year warranty	• Fertigation option
• 16 station units and above are expandable to 160 stations	
✓ 66 starts per day	✓ Cycling option
✓ 1sec - 60hrs watering time	✓ 5 year battery backup
✓ Seasonal adjust	✓ Rain sensor option

Heron Accessories



Light Sensor

Humidity Sensor

Rain Sensor



Outdoor Enclosure

	Code	Price £
Light Sensor	EPAHLS	204.00
Humidity Sensor	EPAHHS	259.00
Rain Sensor	EPAHRS	68.00
Rain Sensor with Bracket	EPAHRB	87.00
Lockable Outdoor Enclosure	EPAHBX	84.00
Wet Leaf Interface	EPAHWLI	75.00
Moisture Sensor	EPAHMS	144.00

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	299.00
Wind/Weather	EPAHAN	519.00

Galcon GQ Controller



This low cost, mains powered controller saves having to change batteries every season, and allows the controller to be mounted away from the control valves. Large LCD display panel and dial control make the programmer easy to use. External plug-in transformer.

	Code	Price
4 station	EPAGQ4	49.00
8 station	EPAGQ8	59.00
Rain Sensor	ERS	38.00
Wireless Rain Sensor	ERSW	99.00

• Easy to use dial	• Aux prog for lights/ponds
• Rain off button	• Test programme
✓ 12 starts per day	✓ Cycling option
✓ 1min - 4hr watering time	✓ External memory
✓ Seasonal adjust	✓ Rain sensor option

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	36.00
1PH Light Duty Starter	9	ESB1LD	179.00
1PH Heavy Duty Starter	12	ESB1HD	258.00
1PH Heavy Duty Starter	16	ESB1HH	266.00
3PH Heavy Duty Starter	12	ESB3HD	259.00
Pressure Switch Pack		ESBPSM	19.00

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	35.00
10m	EWTFLO10	52.00

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

Solenoids and Low Voltage Cable

Bermad Solenoid Valves 24V AC



24v AC coil can be used on 12v DC outputs. 110v & 240v available at £12 extra.

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

	Code	Price £
1" BSPF	ESVB4	17.00
1½" BSPF	ESVB6	48.00
2" BSPF	ESVB8	53.00
Spare Coil	ESVBC24V	9.00

Pump Relay



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

FLC Amps	Code	Price £
9	ESB1PR	58.00

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	89.00

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	250.00
Below	EWTFB-BK	385.00

Access Solenoid Valves 24V AC



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

- Rating: 3.8W
- Pressure range: 0.5-10 bar
- ¾" BSPM inlet/outlet
- Fibreglass polyamide body
- 2 mounting pillars for self tapping screws
- Inlet strainer

	Code	Price £
	ESVA3	16.00

Low Voltage Cable

Use this cable for wiring up solenoid valves. Heavy duty 0.8mm core cable.

	Code	Price £	Code	Price £
4 Core Cable	ELCS04-T	12.00	ELCS04-H	61.00
6 Core Cable	ELCS06-T	17.00	ELCS06-H	97.00
12 Core Cable			ELCS12-H	202.00

Connectors



Easy to use - no wire stripping needed.

	Qty	Code	Price £
Grease filled connectors for joining cable to Bermad valves	10	ELCG-T	11.00
	50	ELCG-L	43.00

Pumps

Horizontal Pumps

High quality pumps

- Stainless steel body and shaft
- IP44 continuous rated motor
- Built-in thermal protection
- Graphite mechanical seal
- Full after sales service

**Self
Priming**



Delta



Techno

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

Model	FLOW (m³/hr) @ xxm head				SINGLE PHASE				
	20m	30m	40m	50m	In/Out BSPF	kW	F.L.C. Amps	Code	Price
DELTA 505	1.7	0.45			1"	0.37	2.8	EP1D505	210.00
DELTA 1005	2.6	2.0	0.8		1"	0.75	4.8	EP1D1K	229.00
DELTA 1755	4.6	3.7	2.7	1.3	1"	0.75	5.5	EP1D17K	349.00
TECHNO 15.4	3.0	2.4	1.0		1"	0.5	3.5	EP1T154	276.00
TECHNO 25.4	6.5	5.0	2.6	3.3	1"	0.92	6.8	EP1T254	342.00
TECHNO 25.5	7.2	6.0	4.9		1"	1.10	7.4	EP1T255	408.00

Auto-start Pump

'On demand' watering

- Ideal for hand watering
- Pressure sensor starts and stops pump
- Pump cuts in at 2.5 bar
- Dry running protection

Ideal for Nurseries and Garden Centres.

Buffer vessel included to protect pump.

Wire to mains using Isolator switch



Buffer vessel thread: 1" BSPM

Fitting	Code	Price
TECHNO 15.4	EP1TP154	456.00
TECHNO 25.4	EP1TP254	539.00
1" Buffer vessel	EPBV4	54.00

Pressure Booster Set

Boosts pressure on Mist Propagation lines



Wire to mains using Isolator switch

	Inlet BSPF	Outlet BSPF	kW	F.L.C. Amps	Code+	Price
DELTA 1005	1"	1"	0.75	5.0	EP1D1K24	428.00
DELTA 1755	1"	1"	0.75	5.5	EP1D1724	549.00

Complete with: 24l horizontal pressure vessel, pressure switch auto-start, pressure gauge. Max pressure 5 bar. Wire to mains via an isolator switch.

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**

NEW

	FLOW (m³/hr) @ xxm head							SINGLE PHASE				THREE PHASE			
Model	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	492.00				
Multi 35.4	9.0	7.3	5.4				1½" / 1¼"	1.1	8.4	EP1M354	595.00	1.1	3.1	EP3M354	595.00
Multi 35.5	9.7	8.4	6.9	5.4	3.0		1½" / 1¼"	1.5	10.2	EP1M355	718.00	1.5	4.0	EP3M355	718.00
Multi 55.4	17.0	13.2	8.2	0.8			1½" / 1¼"					2.0	4.8	EP3M554	802.00
Multi 55.6		17.8	15.9	12.7	8.8	4.5	1½" / 1¼"					3.0	7.0	EP3M556	939.00



~ see p52

Well Pumps



Espa

Espa Pump

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

DAB Pump

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.



DAB

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	452.00
7.6MA	3.2	2.7	2.2	1.6	0.6	1"	0.9	5.0	EP1A076	493.00
17.5MA	4.7	4.2	3.5	2.8	1.7	1"	0.9	7.4	EP1A175	616.00
27.4MA	6.5	4.8	3.2	—	—	1"	0.9	6.8	EP1A274	584.00
27.6MA	7.0	6.5	5.4	4.5	3.4	1"	1.5	10.8	EP1A276	642.00
DAB	4.2	3.0	1.4	—	—	1"	1.2	4.8	EP1V12X	419.00

Pressure Vessels



Kit consisting of:

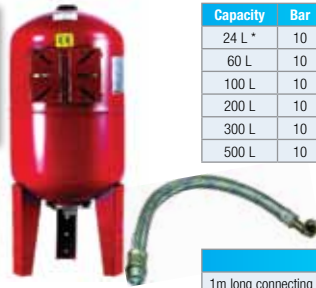
- 1" 5 way tee
- 1" non-return valve
- 1" brass nipple
- 6 bar pressure switch
- 10 bar pressure gauge

Code	Price
EPVSK06	112.00

Pressure Switch Only

Code	Price
EPUPS06	64.00

High quality pressure switch



Capacity	Bar	BSPM	Code	Price
24 L *	10	1"	EPV024LH	39.00
60 L	10	1"	EPV060LV	119.00
100 L	10	1"	EPV100LV	209.00
200 L	10	1½"	EPV200LV	339.00
300 L	10	1½"	EPV300LV	449.00
500 L	10	1½"	EPV500LV	694.00

*Horizontal

	Code	Price
1m long connecting pipe 1" BSPF x 1" BSPM	EPBH1M	29.00

Water Storage Pumps



Filter Pump

- Built-in self cleaning filter cleans even river water
- Requires no back-flushing
- Low water float switch



Tank or Water Butt Pump

- Auto-start copes with 'water-out' situations
- Submersible or above ground use

This UK engineered pump features a 300 micron screen filter which is constantly cleaned by the pump itself, making it virtually impossible to clog. Ideal for topping up storage tanks from rivers or springs. Max head 11m (36').

This UK engineered pump features automatic start, inlet filtration and dry-run protection in a single rugged and reliable pump. Course inlet pre-filter can be removed to allow connection of suction hose and floating inlet via a 1" thread.

Model	FLOW (m³/hr) @ xxm head				SINGLE PHASE				
	10m	18m	24m	30m	In/Out	kW	F.L.C. Amps	Code	Price
Filter Pump	2.6	—	—	—	— / 1 ¼"M	1.1	5.1	EP1F350	1080.00
Tank Pump	1.9	1.6	1.2	0.6	1" / 25mm	0.8		EP1S110	299.00

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.



Capacity		Diameter x Length	Code ~	Price
4,400 L	968 Gal	1.8m dia x 2.5m	EWTV4400	2155.00
7,000 L	1,540 Gal	1.8m dia x 3.5m	EWTV7000	2855.00
9,500 L	2,090 Gal	1.8m dia x 4.5m	EWTV9500	3570.00
4,400 L and 7,000 L tanks include rainwater filter to cope with roof areas up to 200m ² . 9,500 L tank filter will cope with 450m ² roof areas.				
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.				

10 Year Guarantee

FIND MORE INFORMATION ONLINE



Suction Hose



		Code	Price
1"	Suction Hose 5m	PHS4-5M	18.00
	Suction Hose 25m	PHS4-25M	90.00
	1" BSP Male Coupling - plastic	FBK25-4	1.10
	1" BSP Female Coupling - plastic	FBK25-4F	1.70
	Super Clamp	FHSC4	1.35
2"	Suction Hose 5m	PHS8-5M	50.00
	Suction Hose 30m	PHS8-30M	239.00
	2" BSP Male Coupling - brass	FHB8-8	19.00
	2" BSP Female Coupling - brass	FHB8-8F	14.00
	Super Clamp	FHSC8	1.80
	Floating pump inlet	EWTRP1	50.00

Filtration



GF filter and calmed inlet



PF filter with inline siphon overflow and calmed inlet

3 stage filtration:

- 1. Inlet filter - cleans incoming water**
- 2. Calmed inlet - avoids sediment disturbance**
- 3. Siphon - skims off surface debris and pollen**

For more information call our Technical Sales department or look on our website

FIND MORE INFORMATION ONLINE

~ see p52

Polythene Tanks



- UV stabilised HDP
- Access hatch
- Threaded outlets

**10 Year
Guarantee**

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

Capacity		Outlet	Ø x H mm	Code	Price
1,250 L	278 Gal	1.5" F	1200 x 1200	EWTX1250	480.00
2,500 L	550 Gal	1.5" F	1400 x 1800	EWTX2500	690.00
5,500 L	1,210 Gal	2" F	2600 x 1320	EWTX5500	1230.00
10,000 L	2,100 Gal	2" F	2400 x 2650	EWTX9500	1790.00
12,000 L	2,640 Gal	2" F	2600 x 2560	EWTX12K	2250.00
16,000 L	3,520 Gal	2" F	2600 x 3350	EWTX16K	3080.00
20,000 L	4,400 Gal	2" F	2600 x 4105	EWTX20K	3490.00

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.



Tank With Type 'AB' Air Gap



190l tank



454l 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	EWTPK190	205.00
318L / 70 Gal	1615 x 610 x 500	EWTPK318	350.00
454L / 100 Gal	1640 x 645 x 600	EWTPK454	440.00
Air Gap Tank	375 x 245 x 230	EWTPTA	120.00

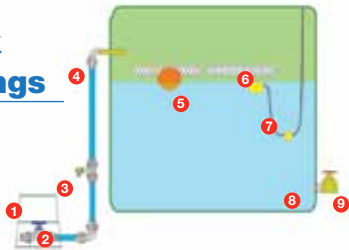
Main Tank also includes:

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

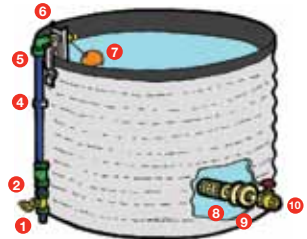
Air Gap Tank also includes:

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

Tank Fittings



	Polythene Tanks	Code	Price £
1	Chamber for Stopcock	KHB10	8.00
2	Stopcock	FLSC20	16.40
3	Drain Point	EWDT20	8.00
4	Female Elbow	FLE20-3F	2.00
5	Ball Valve with Float	ETVB3	29.00
6	Overflow Weir Mesh	EWTFLO3	10.00
7	Floating Level Switch-3m	EWTFLO3	35.00
	Floating Level Switch-10m	EWTFLO10	52.00
8	Tank Connector	FUTT4	8.50
9	Gate Valve	EVG4	8.00



	Galvanised Tanks	20mm	Price £	25mm	Price £
1	Stopcock	FLSC20	16.40	FLSC25	18.90
2	Drain in tee	EWDT20	8.00	EWDT25	8.00
4	Stand-off clip	FPCM20	0.45	FPCM25	0.55
5	Plassim female elbow	FLE20-3F	2.00	FLE25-4F	2.70
6	Support bracket	ETB4	18.00	ETB4	18.00
7	Ball valve with float	ETVB3	29.00	ETVB4	84.00
8	Galvanised filter screen	ETSL8	39.00	ETSL8	39.00
9	2" Tank outlet	ETT08	75.00	ETT08	75.00
10	2" Gate valve	EVG8	24.00	EVG8	24.00
	Chamber for stopcock	KHB10	8.00	KHB10	8.00
	Butyl liner repair kit	EWTRK	40.00	EWTRK	40.00

Galvanised Storage Tanks



Price Includes Tank And Liner

Improved 10 Year Liner Guarantee

Tank Installation Available

Diameter		Height		Capacity		Tanks & EPDM Liner		Tank & PVC Liner	
						Code ~	Price £	Code ~	Price £
2.7	9	1.5	5.0	9	2,000	EWTA09=2	635.00	EWTB09=2	600.00
		2.3	7.5	13	3,000	EWTA09=3	865.00	EWTB09=3	800.00
		3.0	10	18	4,000	EWTA09=4	1165.00	EWTB09=4	1020.00
3.7	12	1.5	5.0	16	3,500	EWTA12=2	805.00	EWTB12=2	795.00
		2.3	7.5	24	5,250	EWTA12=3	1090.00	EWTB12=3	1060.00
		3.0	10	32	7,000	EWTA12=4	1455.00	EWTB12=4	1355.00
4.6	15	1.5	5.0	25	5,500	EWTA15=2	1040.00	EWTB15=2	1005.00
		2.3	7.5	37	8,250	EWTA15=3	1395.00	EWTB15=3	1350.00
		3.0	10	50	11,000	EWTA15=4	1850.00	EWTB15=4	1715.00
5.5	18	1.5	5.0	36	8,000	EWTA18=2	1280.00	EWTB18=2	1215.00
		2.3	7.5	54	12,000	EWTA18=3	1705.00	EWTB18=3	1655.00
		3.0	10	71	16,000	EWTA18=4	2310.00	EWTB18=4	2150.00
6.4	21	1.5	5.0	49	10,700	EWTA21=2	1535.00	EWTB21=2	1470.00
		2.3	7.5	73	16,650	EWTA21=3	2035.00	EWTB21=3	1950.00
		3.0	10	97	21,400	EWTA21=4	2755.00	EWTB21=4	2650.00
7.3	24	1.5	5.0	64	14,000	EWTA24=2	1810.00	EWTB24=2	1705.00
		2.3	7.5	96	21,000	EWTA24=3	2460.00	EWTB24=3	2435.00
		3.0	10	127	28,000	EWTA24=4	3350.00	EWTB24=4	3200.00

Tank prices include: steelwork, liner, anchor brackets, capping, 2" outlet hole (if ordered at no cost) & Carriage (UK Mainland excluding northern Scotland).



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

LINERS AVAILABLE ONLINE

Tank Holes	Code	Price £
2" hole for tank outlet	EWTH	0.00
4" hole for rainwater in/outlet	EWTH4	0.00
4" threaded plastic outlet assembly	EWTT016	110.00

Covers Carriage paid if ordered with tank



Steel



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

Diameter	Code ~	Price
2.7m 9ft	EWTC09	960.00
3.7m 12ft	EWTC12	1130.00
4.6m 15ft	EWTC15	1375.00
5.5m 18ft	EWTC18	1630.00
6.4m 21ft	EWTC21	2430.00
7.3m 24ft	EWTC24	2795.00

Reinforced PVC



Heavy duty PVC, complete with ball valve cover. Pillar version withstands snow.

Diameter	Pillar ~	Price £	Cover ~	Price
2.7m 9ft	EWTRP09	620.00	EWTRF09	260.00
3.7m 12ft	EWTRP12	765.00	EWTRF12	330.00
4.6m 15ft	EWTRP15	895.00	EWTRF15	430.00
5.5m 18ft	EWTRP18	1010.00	EWTRF18	530.00
6.4m 21ft	EWTRP21	1195.00		
7.3m 24ft	EWTRP24	1380.00		

Green Mesh Cover



Complete with ball valve cover. Allows rain water into the tank, but reduces light by 70%. Will not withstand heavy snow.

Diameter	Code ~	Price
2.7m 9ft	EWTRM09	260.00
3.7m 12ft	EWTRM12	310.00
4.6m 15ft	EWTRM15	390.00
5.5m 18ft	EWTRM18	480.00
6.4m 21ft	EWTRM21	580.00
7.3m 24ft	EWTRM24	720.00

~ see p52


Fittings

Introduction

We only choose good quality fittings to put in our catalogue – we are often surprised at the poor quality parts that are around. To make life less complicated we tend to stock all the popular sizes – if you have a large requirement for something unusual please give us a call.

Contents

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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

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	0.068985	bar
e.g. 1 inch = 2.54cm 1cm = 0.3937 inches				

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

Threaded Fittings and Saddles

These are polypropylene and rated at 6 bar

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

Backnut



F	Code	Price
½"	FPTBN2	0.80
¾"	FPTBN3	0.80
1"	FPTBN4	0.90
1½"	FPTBN6	0.90
2"	FPTBN8	2.70

Socket



F	Code	Price
½"	FPTS2	0.75
¾"	FPTS3	0.70
1"	FPTS4	0.90
1½"	FPTS6	3.00
2"	FPTS8	4.00

Tee



F	Code	Price
½"	FPTT2	1.65
¾"	FPTT3	1.90
1"	FPTT4	2.20
1½"	FPTT6	5.25
2"	FPTT8	9.00

Elbow



F	Code	Price
½"	FPTE2	1.40
¾"	FPTE3	2.05
1"	FPTE4	2.00
1½"	FPTE6	5.75
2"	FPTE8	8.50

Nipple



M	Code	Price
½"	FPTN2	0.25
¾"	FPTN3	0.25
1"	FPTN4	0.55
1½"	FPTN6	1.50
2"	FPTN8	2.00

Reducing Bush



*Brass

M-F	Code	Price
½" - ¼"	FCTR2-1	1.80
¾" - ½"	FPTR3-2	0.60
1" - ½"	FPTR4-2	0.70
1" - ¾"	FPTR4-3	0.60
1¼" - 1"	FPTR5-4	1.20
1½" - 1"	FPTR6-4	1.15
2" - 1½"	FPTR8-6	2.00

Pipe Saddle



mm	6 bar ¾"F	6 bar 1"F	16 bar 1"F	Price
25	FS25-3			1.00
32	FS32-3	FS32-4		1.15
50	FS50-3			1.55
50			FS50-4	5.55
63			FS63-4	6.55

Plug



F-F	Code	Price
¾"	FPTP3	0.30
1"	FPTP4	0.45

Reducing Socket



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

Increasing Piece



M-F	Code	Price
½" - ¾"	FPTI2-3	0.60
¾" - 1"	FPTI3-4	1.00
1½" - 2"	FPTI6-8	3.40

Elbow Male/Female



M-F	Code	Price
½"	FPTE2MF	1.95
¾"	FPTE3MF	1.75
1"	FPTE4MF	1.90

Reducing Nipple



M-M	Code	Price
¾" - ½"	FPTN3-2	0.30
1" - ¾"	FPTN4-3	0.60
1¼" - 1"	FPTN5-4	0.90
1½" - 1"	FPTN6-4	2.20
1½" - 1¼"	FPTN6-5	2.00
2" - 1½"	FPTN8-6	1.80

Cap and Washer



'O' Ring
for easy
sealing

F	Code	Price
½"	FMC2	0.50
¾"	FMC3	0.55
1"	FMC4	0.70
1½"	FMC6	1.50
2"	FMC8	2.60

Tank Connector




M	Code	Price
1"	FUTT4	8.50

Polythene Pipe and Clips



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	18.00	PA16-100M	28.00
20	4	1.5	LDPE c/p	PA20-50M	20.00	PA20-100M	35.00
25	4	2.0	LDPE c/p			PA25-100M	52.00
32	6	2.6	LDPE c/p	PB32-50M	50.00	PB32-100M	73.00
50	8	3.0	MDPE	PB50-50M~	98.00	PB50-100M~	194.00
63	8	3.8	MDPE	PB63-50M~	160.00	PB63-100M~	320.00


Polythene pipe has a number of advantages over uPVC pipe (p48). 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. 

Small bore pipe for drip systems see p29

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. 

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	17.00	PEB25-25M		22.00
50m	PEB20-50M		34.00	PEB25-50M	PE25-50M	44.00
100m	PEB20-100M		66.00	PEB25-100M		78.00

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	59.00	PEB50-50M	145.00	PEB63-50M	210.00
100m	PEB32-100M	110.00	PEB50-100M	280.00	PEB63-100M	395.00

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 £	Code	Price £	
16	FPCM16	0.40	FPCM16S	0.25	
20	FPCM20	0.45	FPCM20S	0.25	
25	FPCM25	0.55	FPCM25S	0.30	
32	FPCM32	0.65	FPCM32S	0.35	
50	FPCM50	1.05	FPCM50S	0.55	
63	FPCM63	1.45	FPCM63S	0.75	

Pipe Clips



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

mm	Qty 25	Price £	Box	Price
6	FPCN6-Q	1.80	FPCN6-H	6.00
16	FPCN16-Q	6.90	FPCN16-H	21.50
20	FPCN20-Q	9.00	FPCN20-L	15.00

Small Coil Polypipe

NEW



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

Length	Code	Price £
25m	PA16-25M	10.00

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	3.50
100	FPCPP5-H	6.00

~ 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	5.00
16	FBM16-T	4.80
20	FBM20-T	8.20

Connector



mm	Qty 10	Price £	Qty 100	Price
12	FBK12-T	4.30	FBK12-H	25.00
16	FBK16-T	3.50	FBK16-H	26.00
20	FBK20-T	3.50	FBK20-H	26.00

Tee



mm	Qty 10	Price £	Qty 100	Price
12	FBT12-T	4.80	FBT12-H	37.00
16	FBT16-T	4.10	FBT16-H	35.00
20	FBT20-T	4.50	FBT20-H	36.00

Tee Male Branch



mm	½" M Qty 10	¾" M Qty 10	Price
16	FBT16-2-T	FBT16-3-T	6.00
20	FBT20-2-T	FBT20-3-T	6.50

Elbow



mm	Qty 10	Price £	Qty 100	Price
12	FBE12-T	4.30	FBE12-H	35.00
16	FBE16-T	4.00	FBE16-H	35.00
20	FBE20-T	4.90	FBE20-H	40.00

Valve - Plastic



FBV



FBV3

mm	poly x poly	3/4" M x poly	Price
12	FBV12		1.30
16	FBV16	FBV3-16	1.60
20	FBV20	FBV3-20	1.60

Sold singly

Stopend



With Cap				
mm	Qty 10	Price £	Qty 100	Price
16	FBSE16-T	9.80	FBSE16-H	88.00
20	FBSE20-T	9.80	FBSE20-H	88.00

Fold Over				
mm	Qty 10	Price £	Qty 100	Price
12	TJ12-T	2.40	TJ12-H	22.00
16	TJ16-T	1.60	TJ16-H	13.00
20	TJ20-T	2.10	TJ20-H	18.00

Reducing Connector



mm	Qty 10	Price £	Qty 100	Price
16-12	FBK16-12-T	3.50	FBK16-12-H	26.00
20-16	FBK20-16-T	3.80	FBK20-16-H	29.00

Tee Reducing Branch



mm	Qty 10	Price £	Qty 100	Price
16-12	FBT16-12-T	5.40	FBT16-12-H	46.00
20-16	FBT20-16-T	5.70	FBT20-16-H	50.00

Male Connector



mm	½" M Qty 10	¾" M Qty 10	Price
12		FBK12-3-T	3.40
16	FBK16-2-T	FBK16-3-T	3.80
20	FBK20-2-T	FBK20-3-T	4.50

Elbow x ¾" Male



mm	Qty 10	Price
16	FBE16-3-T	6.10
20	FBE20-3-T	6.10


Female Connector



Sold singly

mm	¾" F	Price
16	FBK16-3F	0.70
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	2.05
20	FLK20	2.50
25	FLK25	3.10
25-20	FLK25-20	3.30
32	FLK32	4.10
32-20	FLK32-20	4.60
32-25	FLK32-25	5.10
50	FLK50	9.95
63	FLK63	14.80

Stopcock



Plasson		
mm	Code	Price £
20	FLSC20	16.40
25	FLSC25	18.90
32	FLSC32	23.20

Tee Female Branch



mm	¾"F	1"F	1½"F	Price
16	FLT16-3F			2.65
20	FLT20-3F			2.95
25	FLT25-3F	FLT25-4F		3.60
32	FLT32-3F	FLT32-4F		4.90
50			FLT50-6F	14.00
63			FLT63-6F	22.00

Tee



mm	Code	Price £
16	FLT16	3.50
20	FLT20	3.80
25	FLT25	4.30
25-20	FLT25-20	4.90
32	FLT32	6.65
32-25	FLT32-25	6.95
50	FLT50	12.75
63	FLT63	22.00

Female Elbow



mm	¾"F	1"F	1½"F	Price
16	FLE16-3F			2.05
20	FLE20-3F			2.00
25	FLE25-3F	FLE25-4F		2.70
32		FLE32-4F		3.20
50			FLE50-6F	12.00

Fittings for other sizes available to special order

Elbow



mm	Code	Price £
16	FLE16	2.55
20	FLE20	3.10
25	FLE25	3.75
32	FLE32	4.40
50	FLE50	13.50
63	FLE63	13.75

Male Elbow



mm	½"M	¾"M	1"M	Price
20	FLE20-2M	FLE20-3M		1.90
25			FLE25-4M	2.65

Cap and Washer



F	Code	Price £
½"	FMC2	0.50
¾"	FMC3	0.55
1"	FMC4	0.70
1½"	FMC6	1.50
2"	FMC8	2.60

Male Stud



mm	¾"M	1"M	1½"M	2"	Price
16	FLM16-3				1.75
20	FLM20-3	FLM20-4			1.75
25		FLM25-4			2.05
32		FLM32-4			2.55
50			FLM50-5	FLM50-6	6.50
63			FLM63-6	FLM63-8	9.40

Female Stud



mm	¾"F	1"F	1½"F	2"F	Price
16	FLF16-3				1.50
20	FLF20-3				1.85
25		FLF25-4			2.05
32		FLF32-4			3.40
50			FLF50-6		8.70
63				FLF63-8	12.20

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	2.00

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.



Straight



mm	Code	Price £
16	FRK16	1.70
20	FRK20	2.00

Tee



mm	Code	Price £
16	FRT16	2.90
20	FRT20	3.30

Tap Connector



mm	Code	Price £
16	FRF16-3	1.90
20	FRF20-3	1.90

Straight – Male 3/4"



mm	Code	Price £
16	FRM16-3	1.30
20	FRM20-3	1.30

Tee – Male 3/4"



mm	Code	Price £
16	FRT16-3M	2.40
20	FRT20-3M	2.70

On / Off Valve



mm	Code	Price £
16	FRV16	3.40
20	FRV20	3.60

Elbow



mm	Code	Price £
16	FRE16	2.30
20	FRE20	2.40

Tee – Female 3/4"



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

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

Manifold Parts



Tee	Code	Price £
1" x 1" x 1"	KMAT4	3.50



Female Tee	Code	Price £
1" x 1" x 1"	KMAT4F	4.90



Union	Code	Price £
1" x 1"	KMAU4MF	1.90
3/4" x 3/4"	KMAU3MF	1.50



Union	Code	Price £
1" x 1"	KMAU4	2.30



Elbow	Code	Price £
1" x 1" FF	KMAE4	3.00
1" x 1" MF	KMAE4MF	2.40



Cross Piece	Code	Price £
1" x 1" x 1" x 1"	KMAX4	7.70



Nipple	Code	Price £
1" x 1"	KMAN4	0.90
1" x 3/4"	KMAN4-3	0.90



Manifold 1"	Code	Price £
2 Way	KMAM2	8.00
4 Way	KMAM4	15.00

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
½" M	5 m³/h	2.5 m³/h	EWMA2	53.00	EWMA2E	83.00
¾" M	5 m³/h	2.5 m³/h	EWMA3	56.00	EWMA3E	86.00
1" M	10 m³/h	5 m³/h	EWMA4	90.00	EWMA4E	119.00

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

Metering Valves

Size	Material	Max Pressure	Setting Range	Code	Price £
¾" M	Plastic	6 bar	0 - 2m³	EMVA3-2M	40.00

Forgotten to go back and turn the water off? Then you need a metering valve. Dial up the volume of water you need to apply and it turns itself off when done. A wonderful servant!



Imperial Pipe Adaptors

These adaptors can be used to fit to all imperial, plastic, lead, copper, or galvanised pipes. No more hunting around for the right pipe fitting.

Remove nut from any Plassim fitting and replace with unifit adaptor i.e. to join a ¾" class C pipe (26.5mm OD) to a 25mm metric pipe, use a FLK32-25 and a FLU32.

For 1" class C pipe, there is a complete straight connector that has 1" class C one side and 32mm the other.

Imperial Size - mm	Use Plassim Fitting mm	Code	Price
15-21	25	FLU25	6.60
21-27	32	FLU32	7.50
1" class C-32mm		FLK32-4C	13.20



Tool Kit



The complete starter set for installing irrigation systems. Includes tool box, chamfering tool, pipe cutters, 'C' spanner, 10mm and 13mm box spanners, sprinkler nozzle key and comprehensive instruction manual.

Repair Joints



Allows repairs using just one fitting.

mm	Code	Price
20	FLR20	5.80
25	FLR25	6.50
32	FLR32	9.70

Pressure Test Kit



Ideal for pressure testing water supplies.

Code	Price £
EPTST	32.00

Pipe Cutters

For pipe up to 32mm



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



'C' Spanner



Lubricant

Makes fittings pipes much easier.

	Code	Price £
Kit	KHTK	85.00
Cutters	FLCUT	10.00
Lubricant	FLSG	4.40
Chamfer	FLCHAM	18.00
'C' Spanner	FLSP	13.00
Box Spanner Set	FLSOC	12.00

Saddle Hole Cutter



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

Code	Price £
FLSAD	23.00

Threaded Valves and Taps

Ball Valve



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

VDL		
F	Code	Price £
½"	EVLUT2	9.60
¾"	EVLUT3	10.60
1"	EVLUT4	13.40
1½"	EVLUT6	20.70
2"	EVLUT8	33.30

Ball Valve



Plastic.

Low cost valve

M-F	Code	Price £
¾"	EVA3FM	2.80

Check Valve & Strainer



Brass. Conical seating, not a cheap leaky flap.

	F	Code	Price
Check Valve	¾"	EVC3	7.10
	1"	EVC4	9.30
	1½"	EVC6	22.00
Check Valve with strainer	1"	EVFS4	11.00
	1½"	EVFS6	26.00

Butterfly Valve



Brass. Less likely to suffer frost damage than a ball valve.

F	Code	Price £
¾"	EVB3	12.80
1"	EVB4	17.40

Lever Valve



Brass. Full bore ball valve allows maximum flow.

F	Code	Price £
½"	EVL2	7.00
¾"	EVL3	10.00
1"	EVL4	13.00

Double Check Valve



Brass. Complies with water regulations.

F	Code	Price £
½"	EVCV2	29.00
¾"	EVCV3	55.00

Gate Valve



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

F	Code	Price £
¾"	EVG3	6.00
1"	EVG4	8.00
1½"	EVG6	16.00
2"	EVG8	24.00

Stopcock



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

F	Code	Price £
½"	EVSC2	8.30
¾"	EVSC3	16.50

Wall Plate



Sturdy plastic body.

mm-F	Code	Price £
20mm x ½"	ELWP20-2	7.70
25mm x ¾"	ELWP25-3	9.70

Pressure Gauge



Stainless steel – 63mm liquid filled, ¼"M 1-10 bar range.

Fitting	Code	Price £
Bottom	EPG-10B	11.00
Rear	EPGR-10B	11.00

Pressure Gauge Needle



1¼"F - fits pressure gauge.

Code	Price £
EPG-N	0.50

Base for Needle



Fit to any polythene header pipe. Use 3mm punch p3. Insert pressure gauge with needle to take pressure reading. Self-seals on needle removal.

Code	Price £
EPG-B	1.00

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	ETBC2	13.00
Without Double Check Valve	ETB2	9.00

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.

Code	Price £
ETB3	21.30
FGBF78	6.00

To use with brass quick connectors order:
1 x FGBF78, 1 x FGBM3, 1 x FQCBT3

Eindor Taper Fittings

We have been using these fittings for many years — the push fit design has been tested to 90 psi!

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



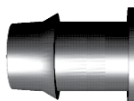
12mm Connector



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

Qty	Code	Price £
25	KECL-Q	2.80
100	KECL-H	10.00

12mm End Connector



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

Qty	Code	Price £
10	KEEC-T	1.40
100	KEEC-H	11.00

Tee



6mm F.

Qty	Code	Price £
10	KET-T	2.00
100	KET-H	16.00

Tool



For levering out sprinklers.

Qty	Code	Price £
Each	KETO	4.70

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	4.00
100	KEM-H	37.00

Adaptor M11



6mm F outlet. Adapts Vibro-spin, Mini-fogger and Mini-spin to M11 threads.

Qty	Code	Price £
10	KEPM-T	1.30
100	KEPM-H	7.00

Ring for ⅜" W Adaptor



Adapts ⅜" W adaptor to 7/16" (11mm) hole in uPVC pipe.

Qty	Code	Price £
10	KCWR-T	1.75
100	KCWR-H	13.00

Adaptor ⅜" W



6mm F outlet. Adapts Vibro-spin, Mini-fogger and Mini-spin to ⅜" W threads or KCWR ring.

Qty	Code	Price £
10	KEPW-T	1.20
100	KEPW-H	8.00

Plunger - Small Barb



Adapts 6mm M fittings to 3.5-4.0mm ID tubing.

Qty	Code	Price £
10	KEPS-T	2.50
100	KEPS-H	18.00

Plunger - Threaded ¼" W



6mm F outlet. Adapts Vibro-spin, Mini-fogger and Mini-spin to Evenproducts white insert.

Qty	Code	Price £
25	KEPT-Q	2.50
100	KEPT-H	9.00

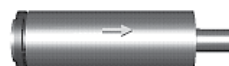
Plunger



Adapts 6mm M sprinklers to downtubing or fits into 3mm hole punched into polythene pipe - see p3 for punches.

Qty	Code	Price £
25	KEP-Q	2.60
100	KEP-H	10.00

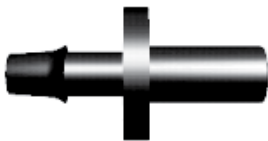
Pressure Regulator



2 bar 6mm F x 6mm M
For flows 35-240 l/h.

Qty	Code	Price £
10	KER2-T	8.00
100	KER2-H	78.00

Barbed Collar - Small Barb



Adapts 3.5-4.0mm ID dripper leads to 6mm F fittings, ie KET.

Qty	Code	Price
25	KECS-Q	4.70
100	KECS-H	15.00

Barbed Collar



Adapts 4mm ID pvc downtubing to 6mm F fittings.

Qty	Code	Price
25	KEC-Q	2.50
100	KEC-H	8.00

1/2" & 3/4" Cap - Female Outlet



6mm F outlet. Adapts Vibro-spin, Mini-spin, Mini-fogger nozzles to a 1/2" or 3/4" M thread.

Qty	1/2" F	Price £	3/4" F	Price
10	KECP2-T	4.00	KECP3-T	4.80
100	KECP2-H	39.00	KECP3-H	45.00

1/2" Cap - Male Outlet



6mm M outlet. Adapts KE7CN4 fogger mist nozzles to 1/2" M thread.

Qty	Code	Price
10	KECP2M-T	4.00
100	KECP2M-H	39.00

Blanking Plug



Fits 6mm F fittings.

Qty	Code	Price
25	KEB-Q	2.20
100	KEB-H	6.00

Blanking Cap



Blanks off 6mm M fittings.

Qty	Code	Price
25	KECAP-Q	2.90
100	KECAP-H	10.00

Stake 35cm Long



Use with KEH head for 6mm sprinklers - Vibro-spin, Mini-spin, Mini-fogger nozzles.

Qty	Code	Price
10	KESL-T	6.70
100	KESL-H	55.00

Double Nipple



Joins fittings of 6mm F.

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

Stake Head



For 8mm OD stakes. Allows 6mm M sprinklers to be fitted to 8mm stakes.

Qty	Code	Price
10	KEH-T	1.50
100	KEH-H	13.00

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	86.00

Connection Tubing



Connects stake head to header, via KEP plunger fitted to header pipe. 1m long with KEC either end.

Qty	Code	Price
10	L42-1.0-T	7.00
100	L42-1.0-H	68.00

Mini-Tap



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

Qty	Code	Price
10	KEV-T	7.20
100	KEV-H	70.00

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	3.00	PM20-1M	1.10
20			PM20-1.25M	1.25
25	PM25-5M	4.10	PM25-2.5M	2.50
32	PM32-5M	6.20	PM32-2.5M	4.60
50	PM50-5M	12.50	PM50-2.5M	8.00
63	PM63-5M	15.50		

Drain Valve



		Code	Price £
32mm	With Elbow	FMDVE32	3.00
1 1/4" F	Without Elbow	FMDV-5F	2.10

Elbow 90°



**Genuine
VDL
Fittings**

mm	Code	Price £
20	FME20	0.60
25	FME25	0.65
32	FME32	0.70
50	FME50	1.45
63	FME63	2.80

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	0.50
25 - 3/4" M	FMK25-3	0.55
25 - 1" M	FMK25-4	0.55
32 - 3/4" M	FMK32-3	0.55
32 - 1" M	FMK32-4	0.55
50 - 1" M	FMK50-4	1.50
50 - 1 1/2" M	FMK50-6	1.50
63 - 2" M	FMK63-8	2.50

Socket



mm	Code	Price £
20	FMS20	0.40
25	FMS25	0.40
32	FMS32	0.45
50	FMS50	0.90
63	FMS63	1.35

Socket x F



mm	Code	Price £
20 - 1/2" F	FMS20-2F	1.00
25 - 3/4" F	FMS25-3F	1.20
32 - 1" F	FMS32-4F	2.00
50 - 1 1/2" F	FMS50-6F	2.70
63 - 2" F	FMS63-8F	4.10

Tee x M, x F



mm		Code	Price £
20 - 1/2" F	Female Branch	FMT20-2F	1.50
25 - 3/4" F		FMT25-3F	1.75
32 - 1" F		FMT32-4F	2.10
32 - 1 1/4" M	Male Branch	FMT32-5	0.85

Drilled Pipe

mm	Length	Holes	Code	Price £
25	2.54m	1 x 7/16"	PM25-2.5A	3.00
32	4.54m	3 x M11	PM32-5M3	6.00
32	5.04m	5 x M11	PM32-5M5	6.50
For M11 adaptors see KEPM p46				
For 7/16" adaptors see L04 p49				

Valve



mm	Code	Price £
20	EVLU20	5.70
25	EVLU25	6.40
32	EVLU32	7.70
50	EVLU50	13.10
63	EVLU63	21.20

Elbow x F



Glued x 1" Female

mm	Code	Price £
32	FME32-4F	1.85

Filter Pack



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

mm	Code	Price £
32	LUPF	5.10

Cap & Washer



VDL or PALAPLAST

F	Code	Price £
1/2" F	FMC2	0.50
3/4" F	FMC3	0.55
1" F	FMC4	0.70
1 1/2" F	FMC6	1.50
2" F	FMC8	2.60

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	0.75
25	FMT25	0.80
32	FMT32	0.80
50	FMT50	1.65
63	FMT63	3.20

Reducing Bush



mm	Code	Price £
25 - 20	FMR25-20	0.50
32 - 25	FMR32-25	0.50
50 - 32	FMR50-32	1.00
50 - 40	FMR50-40	1.00
63 - 50	FMR63-50	1.25

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

Union



mm	Code	Price £
20	FMU20	2.25
25	FMU25	2.95
32	FMU32	3.60
50	FMU50	4.35
63	FMU63	7.00

Union x M



mm	Code	Price £
25 - 3/4" M	FMU25-3	3.40
32 - 1" M	FMU32-4	4.15
50 - 1 1/2" M	FMU50-6	5.00
63 - 2" M	FMU63-8	8.15

Miscellaneous Fittings

Glue and Brush*



Use 914 for pipe up to 25mm and S3 for up to 63mm pipe. Data sheet available.

Type	Code	Price £
100ml 914	FMCEM100	5.25
250ml S3	FMCEM250	9.40
1 L S3	FMCEM1L	28.40

Cleaner



Data sheet available.

Always use pipe cleaner on joints prior to gluing.

	Code	Price £
250ml	FMCLE250	5.00
650ml	FMCLE650	8.80

Wire 2.5mm



Weight/Approx Length	Code	Price £
1.0kg 25M/80'	ESW-1K	4.90
2.5kg 64M/210'	ESW-2.5K	12.70
5kg 130M/425'	ESW-5K	16.80
25kg 650M/2132'	ESW-25K	77.00

Wire Strainer



Nº 2 size.

Code	Price £
EWS	1.15

Ratchet Strap Black Nylon



Helpful Selection Guide									
Pipe size to wire mm	Pipe size to 32mm ridge	Pipe size to 63mm ridge	Max diameter circle mm	Useable length mm	Width mm	25 pack	Price £	100 pack	Price £
20			23	75	2.4			FPC100-H	1.40
25 & 32			35	110	3.6	FPC150-Q	2.00	FPC150-H	4.00
40	25		50	172	3.6	FPC200-Q	2.60	FPC200-H	6.75
	32	25 & 32	60	270	4.8	FPC300-Q	3.75	FPC300-H	11.20

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	3.90
100	L04-H	29.00

Downtube Weight



Qty	Code	Price £
10	L-WT-T	4.50
100	L-WT-H	36.00

Max distance between UPVC pipe supports									
Diameter	16	20	25	32	40	50	63	75	
Metres	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	

Insertor Tool



Quickly inserts collars into downtubing.

Code	Price £
DPIT	16.50

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	6.00

Downtubing



Plain tube 6.8 x 4mm flexible PVC.

Length	Code	Price £
100m	P59-100M	55.00

Extra Flexible

* cannot be sent by post

Filters



Screen Filter

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

Max Flow	Thread Size	Filter Size	Maximum Pressure	Code	Price £
3 m³/h	1" M	0.13mm	6 bar	EFP4-0.1	8.00
15 m³/h	1½" M	0.13mm	8 bar	EFP6-0.1	35.00
25 m³/h	2" M	0.13mm	8 bar	EFP8-0.1	65.00

Disc Filter



- Ideal for dirtier water applications
- Disc provides greater filtration area
- Fine filter suitable for drip systems

Max Flow	Thread Size	Filter Size	Maximum Pressure	Code	Price £
3 m³/h	1" M	0.13mm	6 bar	EFPD4-Y	65.00
6 m³/h	1½" M	0.10mm	8 bar	EFD6-Y	125.00
25 m³/h	2" M	0.10mm	8 bar	EFD8-Y	280.00

Filter in Washer



Fits ¾" F fittings.

Code	Price £
P67	1.00

Always put a filter in your system - otherwise it will clog! Use screen filters with mains water and disc filters for dirtier water. Really dirty water will need sand filtration.

Equivalent Sizes				
mm	0.1	0.13	0.2	0.3
micron	100	125	200	300
mesh	155	120	75	50

Pressure Regulators

Can fit in any orientation.

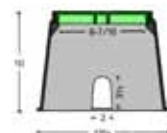


	Filter Range	Pressure Range	Code	Price
¾" F x ¾" M Adjustable Delrin	0.01 - 5m³/h	0.5 - 1.2 bar	EPR3LFM-A	15.00
	0.01 - 5m³/h	0.8 - 2.5 bar	EPR3LFM-B	15.00
	0.2 - 5m³/h	2.0 - 4.0 bar	EPR3FM-C	12.00
	0.2 - 5m³/h	3.5 - 6.0 bar	EPR3FM-D	12.00
	0.4 - 8m³/h	0.5 - 1.2 bar	EPR4F-A	33.00
1" F x 1" F Adjustable Acetal	0.4 - 8m³/h	1.0 - 2.0 bar	EPR4F-B	33.00
	0.4 - 8m³/h	1.5 - 3.5 bar	EPR4F-C	33.00
	0.4 - 8m³/h	3.0 - 5.5 bar	EPR4F-D	33.00
	0.4 - 8m³/h	3.0 - 5.5 bar	EPR4F-D	33.00

Valve Boxes and Extensions

Imperial Size	Lid Diameter	Base Diameter	Height	Code	Price £	Extensions 15cm ht	Price £	Spare Lid	Price £
10" round	23cm	30cm	25cm	KHB10	8.00			KHB10LID	4.00
12" x 18" Standard	38 x 25cm	47 x 33cm	30cm	KHB1218	24.00	KHB1218EX	23.00	KHB1218LID	12.00
12" x 22" Jumbo	50 x 34cm	60 x 45cm	30cm	KHB1420	42.00	KHB1420EX	32.00	KHB1420LID	22.00

**CARSON
BOXES
AVAILABLE
ONLINE**



The Access Design Service

Ever wanted to design simple irrigation systems for your nursery, garden centre or garden? Well now you can, with a series of unique guides from Access. Our irrigation designers understand the best way of watering a particular project. As a result we have introduced free guides to help you design the irrigation system you need.

Each guide has a large number of projects. Each one has an irrigation design laid out, along with parts required and indications of the likely cost. All components are cross referenced to this catalogue to make ordering quick and easy.

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training@access-irrigation.co.uk



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For garden centres designs cover irrigation systems for display benches, tree bays, hanging baskets, covered pagodas, fixed and flexible layouts, watering under canopies etc.



Landscape Irrigation Guide

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The guide covers watering hanging baskets, border watering and watering of lawns.

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

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