

**BRASS MANIFOLD**

**CROSS**



Catalogue No	Size BSP	Price £
03M02-10	1"	27.90

**2 WAY MANIFOLD**



Catalogue No	Size BSP	Price £
03M02-11	1"	16.70

**3 WAY MANIFOLD**



Catalogue No	Size BSP	Price £
03M02-12	1"	31.20

**CAP**



Catalogue No	Size BSP	Price £
03M02-18	1"	3.40

**M/F ELBOW**



Catalogue No	Size BSP	Price £
03M02-13	1"	12.30

**F/F ELBOW**



Catalogue No	Size BSP	Price £
03M02-14	1"	14.50

**M/F CONNECTOR**



Catalogue No	Size BSP	Price £
03M02-15	1"	10.10

**F/F CONNECTOR**



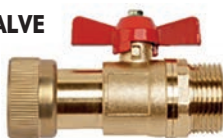
Catalogue No	Size BSP	Price £
03M02-16	1"	11.20

**NIPPLE**



Catalogue No	Size BSP	Price £
03M02-20	1" x 1"	4.75
03M02-21	1" x 3/4"	4.75

**M/F VALVE**



Catalogue No	Size BSP	Price £
03M02-25	1"	16.70

**F/F VALVE**



Catalogue No	Size BSP	Price £
03M02-26	1"	16.70

**DIAMOND QUICK FITTINGS**

**THREADED TAP CONNECTOR**



Catalogue No	BSP "Female"	Price £
04-22-03	1/2"	1.80
04-22-04	3/4"	1.80

**HOSE TO BAYONETT CONNECTOR**



Catalogue No	Hose Diam.	Price £
04-22-80	1/2"	3.10
04-22-81	3/4"	4.25

**HOSE TO HOSE CONNECTOR**



Catalogue No	Hose Diam.	Price £
04-22-70	1/2"	2.30
04-22-71	3/4"	2.75

**HOSE CONNECTOR C/W VALVE**



Catalogue No	Hose Diam.	Price £
04-22-82	1/2"	3.95
04-22-83	3/4"	4.80

**GEKA GARDENING LANCE**



Comes complete with adjustable valve  
Compatible with quick connectors on Page 8  
34 l/min at 3 Bar

Catalogue No	Length	Price £
15-20G02	20cm	39.00
15-20G06	60cm	42.00

**LANCE HANDLE**



Catalogue No	Price £
15-21-80	12.00



### PE TRANSITION FITTING MALE



Catalogue No	BSP "Male"	Diam. mm	Price £
86-80-21	3/4"	25	9.36
86-80-32	1"	32	10.35
86-80-44	1 1/4"	40	15.20
86-80-55	1 1/2"	50	21.70
86-80-66	2"	63	31.85
86-80-77	2 1/2"	75	46.35
86-80-98	3"	90	61.65
86-80110	4"	110	113.10

### PE TRANSITION FITTING FEMALE



Catalogue No	BSP "Female"	Diam. mm	Price £
86-82-21	3/4"	25	9.10
86-82-32	1"	32	12.15
86-82-44	1 1/4"	40	16.32
86-82-55	1 1/2"	50	22.50
86-82-66	2"	63	34.00
86-82-77	2 1/2"	75	54.15
86-82-98	3"	90	74.30

### TAPPING TEES - 32MM OUTLET



Catalogue No	PE Outlet	Diam. mm	Price £
86-40-63	32	63	16.98
86-40-93	32	90	16.98
86-40113	32	110	16.98
86-40163	32	180	16.98

### TAPPING TEES - 63MM OUTLET



Catalogue No	PE Outlet	Diam. mm	Price £
86-42-63	63	63	42.98
86-42-93	63	90	42.98
86-42113	63	110	42.98
86-42163	63	180	42.98

### HIGH PERFORMANCE SOLENOID VALVE 2 WAY COIL



Catalogue No	BSP "Female"	Voltage	Price £
32-56-24-AC	2	24V AC	122.00
32-58-24-AC	3	24V AC	141.50

### 3" LARGE

Catalogue No	BSP "Female"	Voltage	Price £
32-59A24-AC	3	24V AC	277.00

### PRESSURE REGULATING SOLENOID VALVE



### 3" LARGE

Catalogue No	BSP "Female"	Voltage	Price £
35-59AP09-DC	3	9V DC	390.00
35-59AP24-AC	3	24V AC	379.00

### FLANGED 4" HIGH PERFORMANCE VALVE

Recommended flow rate: 44-146m<sup>3</sup>/h



### Solenoid valve 2 way coil

Catalogue No	BSP "Female"	Voltage	Price £
35-59B24-AC	4	24V AC	349.00
35-59B09-DC	4	9V DC	358.00

### Pressure Regulating Solenoid valve

Catalogue No	BSP "Female"	Voltage	Price £
35-59BP24-AC	4	24V AC	458.00
35-59BP09-DC	4	9V DC	467.00

### PAIGE CABLE JOINTS



Catalogue No	Description	Price £
31CM2701	18-8 AWG, 0.75 to 10mm <sup>2</sup>	90.00
31CM2702	22-14 AWG, 0.34 to 2.5mm <sup>2</sup>	75.00



## FILTER BACKWASH VALVES

### PLASTIC



Operating Pressure Range (0.7-10 Bar)  
Temperature range up to 80°C  
Can be installed in different positions

Catalogue No	Valve Size Female BSP	Waste Outlet	Body Material	Price £
32-35-50	2" X 2"	2"	Plastic	195.00

## HUNTER BLUETOOTH TAP TIMER



Inlet: 1" F / 3/4" F  
Outlet: 3/4" M / QuickConnector  
Flow Rate: 2l/h - 1.4m<sup>3</sup>/hr  
Pressure: 0.5-8 Bar

Catalogue No	Description	Price £	Box Qty
HCBT-101	Bluetooth Timer	70.30	10

### PILOT DECODERS

With built in surge protection

Catalogue No	Description	Price £
HCPIL0100	Pilot 1 station decoder	180.00
HCPIL0200	Pilot 2 station decoder	274.00



**Hunter® HYDRAWISE**

**Pro C Hydrawise**



- Wi-Fi enabled for fast and simple internet connection
- Full-colour touch screen
- Built-in milliamp sensor for detection of wiring problems
- Utilizes Pro-C modules to create station counts between 4–16
- Pulse Meter compatible for flow monitoring and alerts
- One sensor port
- Roam Remote compatible
- Includes 1.5m lead

Catalogue No	Description	Price £
HCHPCO40IE	4 Station base controller outdoor	359.10
HCHPCFP	Hydrawise retrofit front panel for Pro-C controllers Upgrade Pro-C modular and fixed station controllers manufactured since March 2014 to the Hydrawise platform	214.00
HCPCM3	3 Station expansion module	56.80
HCPCM9	9 Station expansion module	210.40

**HCC Commercial Irrigation Controller**



- Wi-Fi enabled for quick connection to Hydrawise software
- Number of stations: 8 to 38 (plastic), 8 to 54 (metal and pedestals)
- Simultaneous station operation: 2
- Pre-wired SmartPort for compatibility with ROAM remote
- Built-in milliamp sensor for wire fault detection and alerts
- Flow Meter compatible for flow monitoring and alerts
- 3.2" full-color touchscreen display
- Warranty period: 5 years

Catalogue No	Description	Price £
HCHCC800PL	8-station base model, plastic outdoor, wall mount	569.00
HCHCCFPUP	Hydrawise Retrofit Upgrade Kit for ICC and ICC2	305.00
HCIC21CM400	4 Station plug in module	107.00
HCIC21CM800	8 Station plug in module	190.00
HCIC21CM2200	22 Station plug in module	390.00

**HCC and ICC2 Decoder Module**

- Two-wire decoder system for HCC and ICC2 controllers

Catalogue No	Description	Price £
HCEZDM	ICC2/HCC Decoder module	299.00
HCEZI	ICC2/HCC 1 Station Decoder	85.00

**HYDRANT VALVE BOXES**



Catalogue No	Description	Price £
38T00-50	Box	30.00

Comes 3/4" valve fitted with quick release connector



**Series 863A**

General Data:

- Automatic self cleaning heavy-duty electric screen filter
- Fitted with worm gear electric motor
- Min Working Pressure 2.0 bar
- Max Working Pressure 10 bar
- The max flow rate refers to screens over 120 microns
- All filters fitted with 100 micron screen
- Other screens are available (30 to 1000 micron)
- Power: 1 phase 230V/50Hz
- Drive assembly: 0.25HP, 0.19 KW

Catalogue No	Size	Recommended Flow Rate m³/h	Screen Area in cm²	Price £
45-58-30-10	3"	40	2500	5684.00
45-58-40-10	4"	80	4000	8999.00
45-58-60-10	6"	150	4000	11552.00
45-58-80-10	8"	300	6000	14062.00

**I 80 TURF ROTOR**



- All I-80 models have Ratcheting stainless steel riser
- 1½" BSP plus Reducing Bush to 1"
- Exclusive ProTech Turf Cup System
- No-dig servicing of riser assembly - No-dig arc adjustments
- Quick-release turf cup assembly
- Threads in cup lock/retain the turf
- Exclusive Total-Top-Service (TTS) design
- I-80 Standard Radius: 11.3 m to 28.7 m
- I-80-ON Radius: 14.9 to 29.6 m
- Warranty period: 5 years

Catalogue No	Description	Price £	Box Qty
HSI80-00-SS38	Riser Mounted Adjustable	184.00	6
HSI80-04-SS38	4" Pop Up Adjustable	184.00	6
HSI80-04-SSO38	4" Pop Up Opposing Nozzles	199.00	6
HSI80-TC	Turf Cup Kit	177.00	NA



**VFX SERIES AERATING FOUNTAINS**



Catalogue No	Cord	Horse Power	Price £
KASEVFX2400	10m	1/2hp	1170.70
KASEVFX3400	10m	3/4hp	1242.00
KASEVFX4400	10m	1 hp	2054.30
KASEVFX3.1	Stub	3hp	4425.70
KASEHVFX3.3	Stub	3hp 3phase	4383.30

**Kasco ROBUST-AIRE™**

**ROBUST-AIRE™ DIFFUSED AERATION SYSTEMS**

Robust-Aire™ systems provide effective sub-surface aeration for ponds or lakes with depths ranging from 2.5m-15m. By pumping air from the pond bottom, a steady stream of air bubbles carry large amounts of water to the surface where oxygen transfer and gas venting can occur. This improves overall water quality and ensures even oxygen and temperature levels from top to bottom. These systems have even been third-party tested to be up to 44% more efficient than competitive products.

**POST MOUNT CABINET**



**POST MOUNT CABINET**

- 19 in. x 12 in. x 12 in.
- Single cooling fan provides 110 CFM of ventilation
- Can operate 1-3 diffusers
- Acoustical foam included in cabinet to reduce noise levels

Catalogue No	Description	Price £
KASRAE1	1 Diffuser Assembly 1 KM-60HC 1/4hp Compressor	1468.70
KASRAE2	2 Diffuser Assemblies 1 KM-60HC 1/4hp Compressor SYSTEM 2:	2048.10
KASRAE3	3 Diffuser Assemblies RAE2-PM 1 KM-120HC 1/2hp Compressor	2349.80

**BASE MOUNT CABINET**



**BASE MOUNT CABINET**

- 24 in. x 18 in. x 20 in.
- Up to 2 cooling fans provide 110 CFM of ventilation each
- Can operate 1-6 diffusers
- Acoustical foam included in cabinet to reduce noise levels.

Catalogue No	Description	Price £
KASRAE4	4 Diffuser Assemblies 2 KM-60HC 1/4hp Compressors	4286.10
KASRAE5	5 Diffuser Assemblies 1 KM-60HC 1/4hp Compressor 1 KM-120HC 1/2hp Compressor	4576.30
KASRAE6	6 Diffuser Assemblies RAE2-PM 2 KM-120HC 1/2hp Compressors	4872.80

**ROBUST-AIRE COMPONENT PARTS**

Catalogue No	Description	Price £
KAS772100	Robust air diffuser assembly	256.80
KAS773380	Suresink tubing kit 3/8" (100ft / 30.5m roll)	125.30
KAS773580	Suresink tubing kit 5/8" (100ft / 30.5m roll)	187.90
KAS773585	Suresink tubing kit 5/8" (500ft / 152.4m roll)	940.50
KAS773300	3/8" Tube Fitting Kit	7.10
KAS773500	5/8" Tube Fitting Kit	14.20

Note: For tubing lengths over 300 feet for one diffuser run, use 5/8 in. SureSink™ Tubing for the diffuser run.

\*These tubing kits include all necessary fittings for attaching to the compressor, diffuser assembly and for extending length on tubing runs. Fittings not included with 500 ft. rolls.

**ROBUST-AIRE SIZING CHART**

Surface area m <sup>2</sup>	Average depth		
	3-4m	4-5m	5-6m
4,000	RAE1	RAE1	RAE1
6,000	RAE2	RAE2	RAE1
8,000	RAE3	RAE3	RAE2
10,000	RAE3	RAE3	RAE3
12,000	RAE4	RAE4	RAE3
14,000	RAE4	RAE4	RAE4

Surface area m <sup>2</sup>	Average depth		
	3-4m	4-5m	5-6m
16,000	RAE5	RAE5	RAE4
18,000	RAE6	RAE5	RAE5
20,000	RAE6	RAE6	RAE5
22,000	RAE6	RAE6	RAE6
24,000			RAE6
26,000			RAE6



**SURFACE PUMPS :**



- Available in single and 3 phase models factory fitted on request
- Power rated from 0.25 kw to 7.5kw
- Multistage and single stage models available
- Single stage models up to 120m head
- Multistage models up to 500m head
- Maximum operating pressure: 63 bar
- Operating Temperature range from -30°C to 120°C

**Applications :**

- Residential, Commercial & irrigation water

**SURFACE PUMPS MULTISTAGE PUMPS:**



- Stainless Steel Vertical Multi-stage Pumps
- A range of flange arrangements
- Delivery up to 184m<sup>3</sup>/hr
- Head max 50 bar
- Available with or without motor mounted inverters
- Available in single and 3 phase models
- Power: 0.37kW up to 75kW
- Temperature range -40°C to 180°C
- Materials versions: CR, CRI, CRN & CRT



**CLEAN WATER PACKAGE SETS**



- Hydro MPC & Multi-E versions available
- 2 to 6 pump sets available
- Flow range 0 - 1080m<sup>3</sup>/h
- Pressure range - PN10 & PN16
- Max Power - 6 x 75kW
- Liquid Temp - 0 to 60°C
- Ambient Temp - 0 to 40°C
- Easy installation - preconfigured from factory on request.



**SUBMERSIBLE PUMPS:**



- Clean and dirty water applications
- Available in single and 3 phase models
- Delivery: up to 30m<sup>3</sup>/hr
- Up to a maximum immersion depth: 25m
- Temperature of pumped liquid up to 50°C
- Single phase models are available with paddle or tube float switches
- Head up to: 80 metres

**BOREHOLE PUMPS:**



- Available in single and 3 phase models
- Power from 0.52kW up to 300kW
- Head up to 810 metres
- Delivery up to 470m<sup>3</sup>/h
- Maximum operating pressure up to 80 bar
- Stainless Steel outer and inner construction for longevity
- Pump diameter from 3" to 12"
- Accessories available - including cable, waterproof cable joint kits, lowering wire & chain and control panels for borehole pumps

**Applications :**

- Light Industry, Residential, Agriculture, Golf/turf and Municipality water

**PUMP CONTROLS & MONITORING:**



Grundfos offers a wide range of controls, monitoring and accessories for pumps and systems



Grundfos supplies dedicated communication modules and controls for every eventuality, ensuring the trouble-free and continuous operation of complex pumping solutions. Grundfos offers open protocols, control and monitoring with data collection options that are all fully compatible with the customer's management system.

