

# Under pressure?

# 3



[www.pumpworld.co.uk](http://www.pumpworld.co.uk)

CELEBRATING 22 YEARS.  
  
**PUMPWORLD**

Welcome to our brochure for 2011. With 22 years experience in boosting pressure, we have collated an exciting range of products which offer you the latest in pump technology, great performance, reduced noise level and cost effectiveness.

New for 2011 - swimming pool and jet pumps, submersible booster pump package systems. We are also featuring an extensive range of heating pumps.

R U under pressure? - with our help you won't be.

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**Pump World is pleased to offer:**

- Independent technical advice
- Comprehensive range of equipment
- Extensive stock
- Service engineer support
- Competitive prices
- Site surveys
- Commissioning
- Spare parts
- Repair service
- Next working day delivery on stock items

**Are you under  
pressure?**



3

[www.pumpworld.co.uk](http://www.pumpworld.co.uk)

# circulators

## for heating systems

Specifications A

Code	Model	Head (m)	Max Flow (lpm)	Motor (Kw)	Port (inch)	Length (mm)	Price
<b>Standard Circulators 230/1/50</b>							
CPF1400	TLC 25-4	4	48	0.39	1½"	130	£92.00
CPF1425	TLC 25-5	5	54	0.63	1½"	130	£99.00
<b>NEW</b> CPF1426	TLC 25-6	6	54	0.65	1½"	130	£104.00
<b>Bronze Circulators for Secondary Circuits 230/1/50</b>							
CPB2540	TLCB 25-4	4	48	0.70	1½"	130	£227.00
<b>NEW</b> CPB2550	TLCB 15-6	6	66	0.56	1"	130	£232.00
CPB2560	TLCB 25-6L	6	66	0.44	1½"	180	£370.00
<b>BM Mini Mixing Modules for Under Floor Heating up to 40m<sup>2</sup></b>							
CPBM4000	BM Mini KF	With mechanical room temperature guided control					£209.00
CPBM4100	BM Mini RT	With actuator which can be driven by separate thermostat					£192.00
CPBM4200	BM Mini KR	With integrated feed temperature control, a separate thermostat can be added					£242.00

400



Specifications B

<b>Circulators for Commercial Systems</b>								
Code	Model	Head (m)	Max Flow (lpm)	Motor (Kw)	Port	Length (mm)	Price 1 Phase	Price 3 Phase
CPF1047/8	FLC 40-7	7.0	216	0.33	DIN 40	250	£685.00	£682.00
CPF1058/9	FLC 50-8	8.0	480	0.68	DIN 50	280	£886.00	£790.00
<b>Twin Head Circulators for Commercial Systems</b>								
CPF2047/8	FLCG 40-7	7.0	420	0.30	DIN 40	250	£1580.00	£1423.00
CPF2058/60	FLCG 50-8	8.0	780	0.63	DIN 50	280	£1875.00	£1780.00

Prices exclude VAT

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Larger sizes and other options available  
 Pump curves and data sheets are available to download from [www.pumpworld.co.uk](http://www.pumpworld.co.uk)

## Variable Speed Circulators for Commercial Heating and Air Conditioning Systems

- The electronic loss compensator system adjusts the circulators differential pressure to match the required flow.
- Electronic fault diagnosis
- Two modes of regulation – differential pressure or controlled speed



Code	Model	Max Head (m)	Max Flow (l/m)	Max Motor (Kw)	Port	Length (mm)	Price (1 Phase)
CPV1000	EFLC 40-9	6.0	168	0.30	DIN 40	250	£1112.00
CPV1100	EFLC 40-11	7.1	336	0.65	DIN 40	250	£1317.00
CPV1200	EFLC 50-12	7.7	414	0.75	DIN 50	280	£1613.00
CPV1300	EFLC 65-12	7.7	582	1.090	DIN 65	340	£1854.00
CPV1400	EFLC 80-7	5.4	834	1.080	DIN 80	360	£2195.00

Prices exclude VAT

## Variable Speed Circulators (Parallel Operation)

- Twin pumps can operate separately or in parallel.

Code	Model	Max Head (m)	Max Flow (l/m)	Max Motor (Kw)	Port	Length (mm)	Price (1 Phase)
CPV2000	EFLCG 40-9	5.9	300	0.30	DIN 40	250	£2282.00
CPV2100	EFLCG 40-11	6.5	498	0.65	DIN 40	250	£2780.00
CPV2200	EFLCG 50-12	7.7	666	0.75	DIN 50	280	£3363.00
CPV2300	EFLCG 65-12	7.3	1002	1.090	DIN 65	340	£3879.00
CPV2400	EFLCG 80-7	5.5	1500	1.080	DIN 80	360	£4805.00

Counter flanges are available but not included.

Prices exclude VAT



## Pressurisation Sets for Commercial Heating Systems

- Alpha make-up units for sealed heating and chilled systems.
- Beta automatic make up units for sealed heating and chilled systems.
- Microprocessor controlled units.

Code	Model	Max Fill (Bar)	Motor (Kw)	Micro-processor Controlled	Port	Length (L x W x H)	Price (1 Phase)
B1000	Alpha Single Pump	2.8	0.37	-	40	640 x 500 x 450	£837.00
B1002	Alpha Twin Pump	2.8	0.37 x 2	-	50	640 x 500 x 590	£1205.00
B2000	Beta Mk2 Single Pump	2.8	0.37	Yes	40	545 x 400 x 750	£1471.00
B2280	Beta Mk2 Twin Pump	2.8	0.37 x 2	Yes	50	545 x 400 x 750	£1668.00

Prices exclude VAT

Alpha Single Pump Set



Alpha Twin Pump Set



Beta Mk2





# Ecocirc<sup>®</sup>

## Auto (EA) design



### **The Spherical motor design**

The heating circulator Ecocirc<sup>®</sup> Auto, uses the spherical motor principle. The only moving part is a ball-shaped rotor/impeller unit, which rides on an ultra hard ceramic bearing ball. Shaft seals, or a conventional bearing bushings with a shaft, have been eliminated. The only self realigning bearing in the small pump market has many advantages.

### **Long term quiet operation**

The noise level will stay constantly quiet throughout the life of the pump to the end of the unique bearing wear path, unlike conventional pumps that show an increase in noise level with age, as bearings wear.

### **Reliable and blockage free**

The touching surface of the bearing on the ball is very small. The torque required for starting the pump is minimal. Ecocirc heating circulators start reliably, even after the seasonal shutdown without the need for service. The spherical motor principle does not require a manual unblocking device.

The heating circulator Ecocirc Auto combines the spherical motor principle with the advantage of the energy efficient electronic communication.

# high efficiency circulators for heating systems



Code	Model	Head (m)	Max Flow (lpm)	Motor (Watts)	Port (inch)	Length (mm)	Efficiency	Price
<b>Ecocirc Auto 'A Class' for variable resistance systems</b>								
CPEA3200	EA25-4/130	4	42	35	1 1/2"	130	A	£258.00
CPEA4200	EA25-6/130	6	54	63	1 1/2"	130	A	£295.00



<b>Ecocirc Vario for fixed resistance systems</b>								
CPEV1000	EV25-4/130	4	36	35	1 1/2"	130	A	£192.00
CPEV2200	EV25-6/130	6	48	63	1 1/2"	130	B	£228.00



**2** YEAR WARRANTY

EBV 15-1/65



EBV 15-1/65R



EBV 15-1/65U

Code	Model	Head (m)	Max Flow (lpm)	Motor (Watts)	Port (inch)	Length (mm)	Efficiency	Price
<b>Ecocirc Bronze - circulators for secondary circuits</b>								
CPEB5000	EBV 15-1/65	1	15	7.5	1/2"	65		£161.00
CPEB5100	EBV 15-1/65R	1	15	7.5	1/2"	65 with temp. probe		£205.00
CPEB5200	EBV 15-1/65U	1	15	9.0	1/2"	65 with timer		£227.00
CPEB5300	EBV 15-1/65RU	1	15	9.0	1/2"	65 with timer & probe		£270.00



D5

<b>Ecocirc Solar/Vario for direct connection to photovoltaic panels using MPP technology</b>								
CPED6000	D5solar-8/700B	2.8	24	12V	1/2"	65		£312.00
CPED6100	D5solar-8/100B	3	14	12V	1/2"	110		£333.00
CPED6200	D5vario-8/700B	2.8	24	12V	1/2"	65		£235.00
CPED6300	D5vario-8/100B	3	14	12V	1/2"	110		£256.00



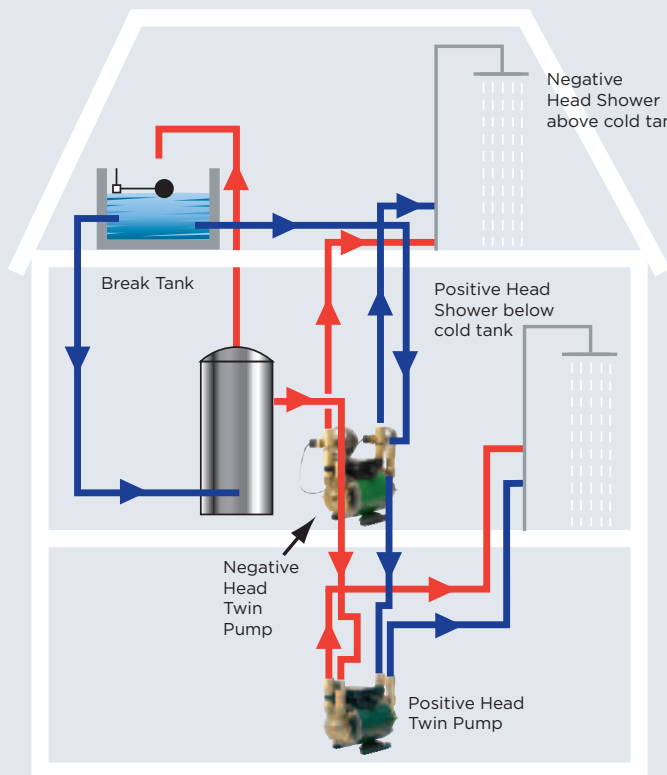
BM eco

<b>BM eco Mixing modules for under floor heating up to 200m<sup>2</sup></b>								
CPBM5000	BM eco	4	36	0.35	1 1/2"	130	A	£469.00

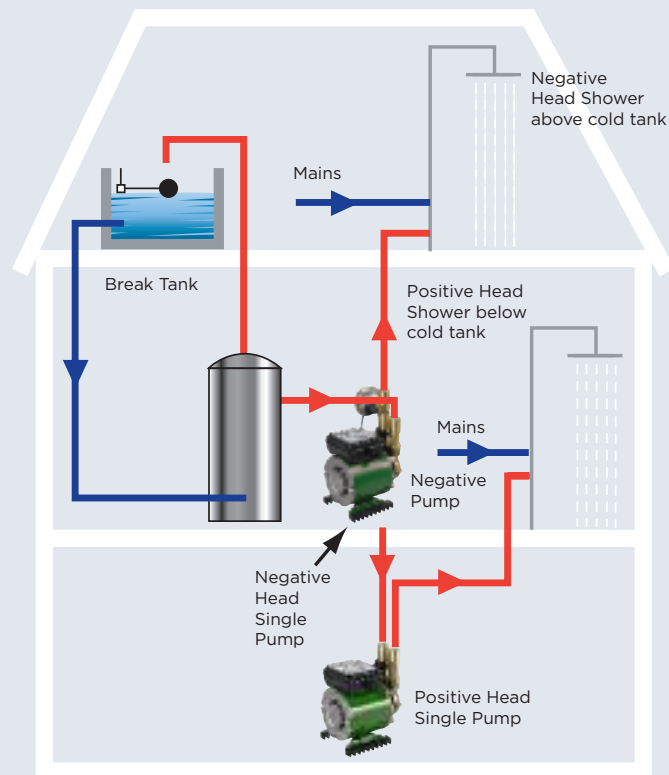
D Specifications

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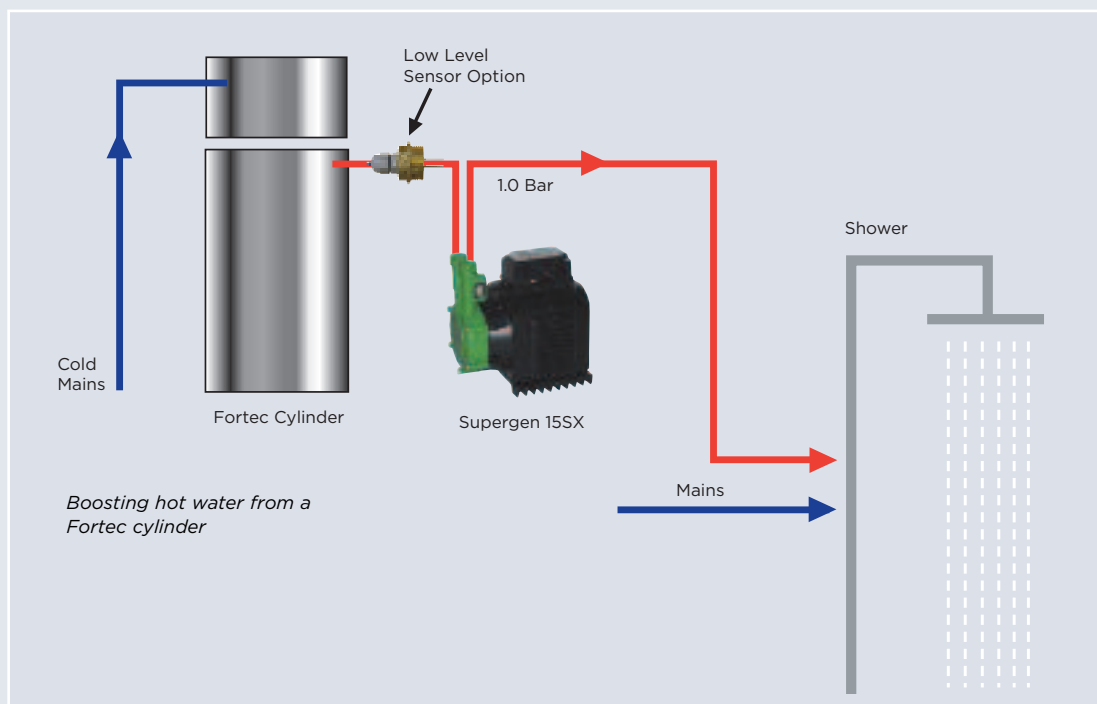
# schematics for gravity systems



Positive and negative head situations shown for twin pumps



Positive and negative head situations shown for single pumps



Boosting hot water from a Fortec cylinder



 British-made pumps



**Ecogen 1.5 (1.5 Bar Twin)**

- Twin positive head shower pump
- 15mm anti-vibration flexibles
- Regenerative design
- Suitable for single shower or boosting bath and basin.

**Supergen 15SX (1.3 Bar Single)**

- Single Inline positive booster pump
- 15mm or 22mm anti-vibration flexibles
- Quiet running – only 1450 rpm speed
- Suitable for boosting hot water or Fortec cylinders.



**Supergen 58TX (1.5 Bar Twin)**

- Twin positive head shower pump
- 15mm or 22mm anti-vibration flexibles
- Quiet running – only 1450 rpm speed
- Suitable for single shower or boosting bath and basin.

**Bronze Booster Pump (0.7 Bar)**

- Single Inline Positive Booster Pump
- 1/2" Connections
- Quiet running
- Suitable for boosting hot water to single tap outlets.



# low cost shower pumps



**Supergen 72TX (2.0 Bar) Positive Head  
Supergen N73TX (2.0 Bar) Negative Head**

- Twin head shower pump
- 22mm anti-vibration flexibles
- Centrifugal design
- Suitable for single shower or boosting bath and basin.



Low cost shower pumps, easy to install with a full service support. Register online for FREE second year warranty.

Code	Model	Type	Bar. Pressure at 5 lpm	Connections (mm)	Dimensions L x W x H (mm)	Price
<b>Positive Head Pumps</b>						
P0947	Ecogen 1.5 Bar	Twin	1.3	15	231 x 132 x 166	£185.00
P0958	Supergen 58TX	Twin	1.1	15	250 x 140 x 190	£212.00
P0955	Supergen 58TX	Twin	1.1	22	250 x 140 x 190	£252.00
P0972	Supergen 72TX	Twin	1.8	22	305 x 120 x 185	£275.00
P0929	Bronze Booster	Single	0.7	1/2"	160 x 104 x 126	£285.00
P2058	Supergen 15SX	Single	1.1	15	230 x 140 x 190	£225.00
P2060	Supergen 15SX	Single	1.1	22	230 x 140 x 190	£245.00
<b>Negative Head Pump</b>						
P2004	Supergen N73TX	Twin	1.8	22	285 x 215 x 256	£576.00
D1024	Universal 2.6	Single	1.5	15	233 x 130 x 270	£283.00

NEW

NEW

Prices exclude VAT

Specifications

400



**monsoon**



Standard 3.0

**3 YEAR WARRANTY**



**3 YEAR WARRANTY**

Universal 3.0

# shower pumps

- Regenerative design
- 22mm anti-vibration flexibles
- Continuously rated induction motor
- Brass construction
- 3 year warranty extendable to 5 years



Standard 2.0

**3 YEAR WARRANTY**

Specifications

Code	Model	Part No	Type	Bar Pressure at 9 lpm	Connections (mm)	Dimensions L x W x H (mm)	Price
<b>Standard Shower Pumps</b>							
D0922	Standard 2.0	46415	Twin	1.5	22	265 x 126 x 202	£438.84
D0972	Standard 3.0	46416	Twin	2.5	22	265 x 126 x 202	£490.59
D0992	Standard 4.0	46417	Twin	3.5	22	300 x 126 x 202	£531.99
D0997	Standard 4.5	46418	Twin	3.9	22	310 x 126 x 202	£573.39
D1022	Standard 3.0	46419	Single	2.5	22	199 x 126 x 202	£304.29
D1082	Standard 4.5	46420	Single	3.5	22	199 x 126 x 202	£320.85
<b>Universal Range of Shower Pumps</b>							
D1202	Universal 2.0	46480	Twin	1.5	22	265 x 162 x 243	£599.27
D1212	Universal 3.0	46410	Twin	2.5	22	265 x 162 x 243	£640.67
D1222	Universal 4.0	46411	Twin	3.5	22	300 x 162 x 243	£682.07
D1242	Universal 4.5	46412	Twin	3.8	22	310 x 162 x 243	£723.47
D1527	Universal 3.0	46413	Single	2.5	22	199 x 162 x 243	£423.32
D1532	Universal 4.5	46414	Single	3.5	22	199 x 162 x 243	£433.67

Register online for FREE 5 year warranty.

Prices exclude VAT



121TX

**3** YEAR WARRANTY



N121TX

**3** YEAR WARRANTY



# supergen low noise shower pumps



21SX

**3** YEAR WARRANTY

- Regenerative design
- 22mm anti-vibration flexibles
- Continuously rated induction motor
- Brass construction
- Negative and positive pumps have individual controls for each end.

British-made pumps



N21SX

**3** YEAR WARRANTY

Code	Model	Type	Bar Pressure at 9 lpm	Connections (mm)	Dimensions L x W x H (mm)	Price
<b>Positive Head Pumps</b>						
<b>NEW</b> P0957	Supergen 60TX	Twin	1.5	22	245 x 135 x 225	£439.00
P0960	Supergen 80TX	Twin	2.0	22	243 x 145 x 225	£454.00
P0985	Supergen 121TX	Twin	3.0	22	266 x 145 x 225	£509.00
P0988	Supergen 150TX	Twin	4.0	22	296 x 145 x 225	£650.00
P2010	Supergen 21SX	Single	2.0	22	178 x 145 x 225	£325.00
P2025	Supergen 37SX	Single	3.0	22	178 x 145 x 225	£338.00
<b>Negative Head Pumps</b>						
<b>NEW</b> P2000	Supergen N60TX	Twin	1.5	22	243 x 160 x 283	£675.00
P2100	Supergen N80TX	Twin	2.0	22	243 x 160 x 283	£695.00
P2200	Supergen N121TX	Twin	3.0	22	266 x 160 x 283	£715.00
P3200	Supergen N150TX	Twin	4.0	22	296 x 160 x 283	£799.00
P4100	Supergen N21SX	Single	2.0	22	178 x 160 x 283	£467.00
P4200	Supergen N37SX	Single	3.0	22	178 x 160 x 283	£485.00

Register online for FREE 3 year warranty.

Prices exclude VAT

**G** Specifications

400

# superpro quiet booster pumps



**2 YEAR WARRANTY**

- Centrifugal multi-stage design
- Stainless Steel Construction
- 1" Large Bore, stainless steel anti-vibration flexibles
- Continuously rated induction motor
- All pumps supplied with installation kit
- Run dry protection

Max. Inlet temperature 60°C. Minimum suction head 1m.

Electrical supply 230/1/50. Motor protection IP44.

**Superpro Mains Boost Kits** Suitable for boosting combination boilers and sealed systems from a break tank.

Superpro 4

Specifications

### Pressure Switch Controlled Pumps (Negative Head)

Code	Model	Type	Bar Pressure at 9 lpm	Max Flow (lpm)	Inlet	Outlet	Power (Kw)	Dimensions L x W x H (mm)	Price
P1075CGLB	Superpro 3	Single	3.5	80	1"	1"	0.45	370 x 153 x 349	£599.00
P1115CGLB	Superpro 4	Single	4.7	80	1"	1"	0.55	395 x 153 x 349	£625.00
P1205CGLB	Superpro 5	Single	3.6	120	1"	1"	0.55	370 x 153 x 349	£687.00
P1210CGLB	Superpro 6	Single	4.7	120	1"	1"	0.75	409 x 153 x 359	£836.00
P1075MPLB	Superpro 3	Single	3.5	80	1"	1"	0.45	370 x 153 x 349	£699.00
P1115MPLB	Superpro 4	Single	4.7	80	1"	1"	0.55	395 x 153 x 349	£765.00
P1205MPLB	Superpro 5	Single	3.6	120	1"	1"	0.55	370 x 153 x 349	£828.00
P1210MPLB	Superpro 6	Single	4.7	120	1"	1"	0.75	409 x 153 x 359	£977.00

Prices exclude VAT

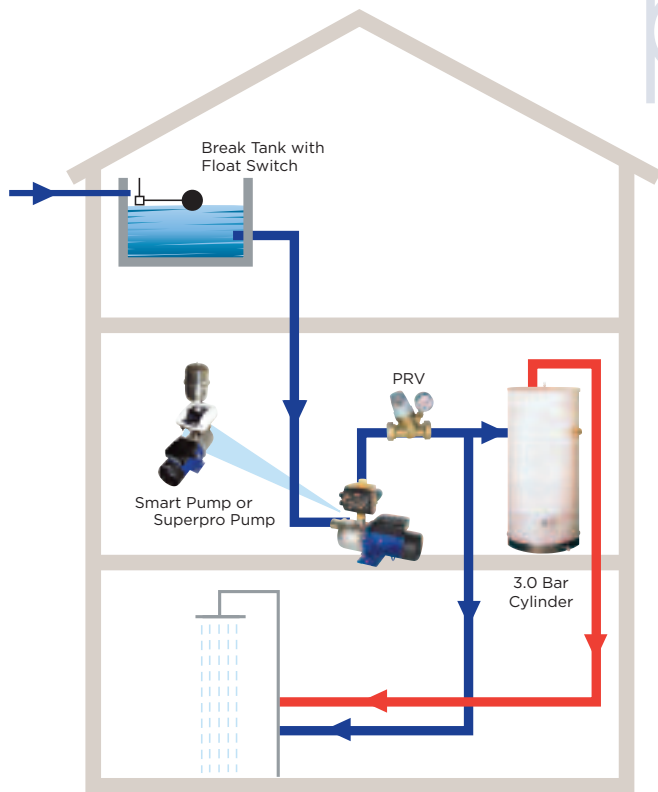
### Useful Accessories

Code	Type	Description	Price
<b>NEW</b> N2052	Fixed Arm Float	Suitable for coffin tanks	£45.00
NFG2054A	Flexible Float	Suitable for standard tanks	£52.00
<b>NEW</b> N2450Kit	Acoustic Kit	1" flexibles and rubber mat	£110.00
N2861	Leak Detection	Alarm and relay to cut power	£150.00

MP Pump Packs include full installation kit and double protection float switch.

Please note: to boost mains water pressure a break tank must be used (not included in the pack) to comply with most water regulations. Please check with your local water authority if you are not sure of the regulations with regard to your area. A selection of tanks are shown on page 19. Register online for the 2 year warranty.

# smart variable pumps



- Suitable for domestic houses (2-3 bathrooms), and with cold water boosting
- Flow rates up to 65 LPM
- Low noise levels down to 45 dba-1
- Pressures up to 5.8 bar
- No surging or excessive water noise
- No control panel required each pump has a built-in intelligent system with fault diagnosis
- Save up to 70% reduction in energy consumption
- All pumps supplied with installation kit
- WRAS approved components.



Smart 7

Code	Model	Bar Max	Max Flow (lpm) at 3.0 Bar	Motor (Kw)	Inlet /Outlet (inches)	Dimensions L x W x H (mm)	Price
<b>Smart Pumps</b>							
P1310 Kit	Smart 5	4.6	45	0.55	1" / 1"	395 x 153 x 61	£950.00
P1320 Kit	Smart 7	5.8	56	0.75	1" / 1"	434 x 153 x 620	£995.00
P1330 Kit	Smart 9	4.4	65	1.1	1" / 1"	383 x 208 x 644	£1055.00

## Useful Accessories

Code	Type	Description	Price
<b>NEW</b> N2052	Fixed Float Arm	Suitable for coffin tanks	£45.00
NFG2054A	Flexible Float	Suitable for standard tanks	£52.00
<b>NEW</b> N2450Kit	Acoustic Kit	1.0" flexibles and rubber mat	£110.00
N2861	Leak Detection	Alarm and relay to cut power	£150.00

Register online for the 2 year warranty.

Prices exclude VAT

Specifications

200

# mains boosting

All sets have automatic refill and are pressure switch controlled. The Aquapack 5, Homebooster and Basepack 8 have dry run protection.

- All suitable for boosting mains water pressure
- Please call Technical Support for larger applications



AP6 Booster

1 YEAR WARRANTY



Boosterpack 10

1 YEAR WARRANTY

NEW

1 YEAR WARRANTY



Boosterpack 20



Aquapack 5

1 YEAR WARRANTY



Basepack 8

2 YEAR WARRANTY

## AP6 Booster

### Boosting Sealed System – Up to two bathrooms

Code	Model	Speed	Tank	Bar	Connections	Price
PT1080MP	Aquapack 5	Fixed	55 Litres	4.2	22 mm	£899.00
PT1400MP	AP6 Booster	Fixed	200 Litres	3.5	22 mm	£2002.00
PT1600MP	Resvari Resfix	Fixed	180 Litres	4.5	22 mm	£1786.00
PT2100	Basepack 7	Fixed	250 Litres	4.7	1.0"	£2199.00
PT2600	Basepack 8	Variable	250 Litres	4.7	1.0"	£2650.00
PT5000MP	Boosterpack 10	Fixed	280 Litres	4.0	1.0"	£1280.00
PT5100MP	Boosterpack 20	Variable	280 Litres	6.0	1.0"	£1812.00
PT5500	Boosterpack Slave Tank		280 Litres		Adapter Flange	£775.00

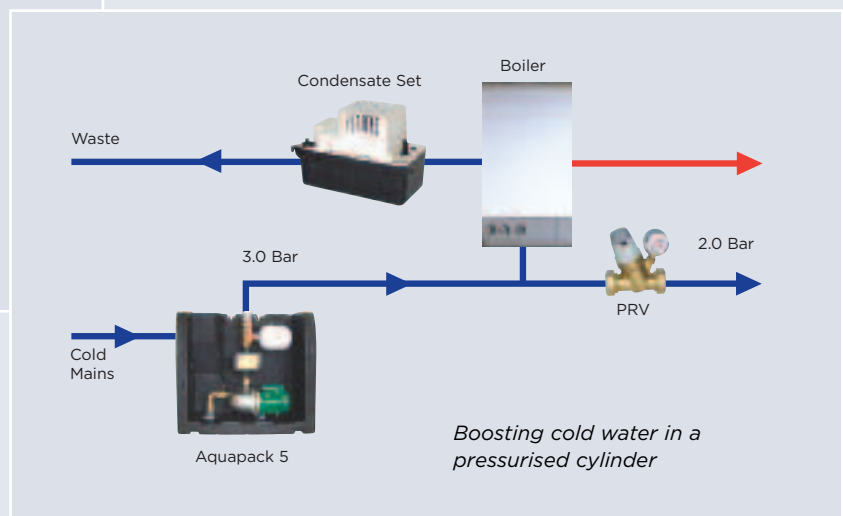
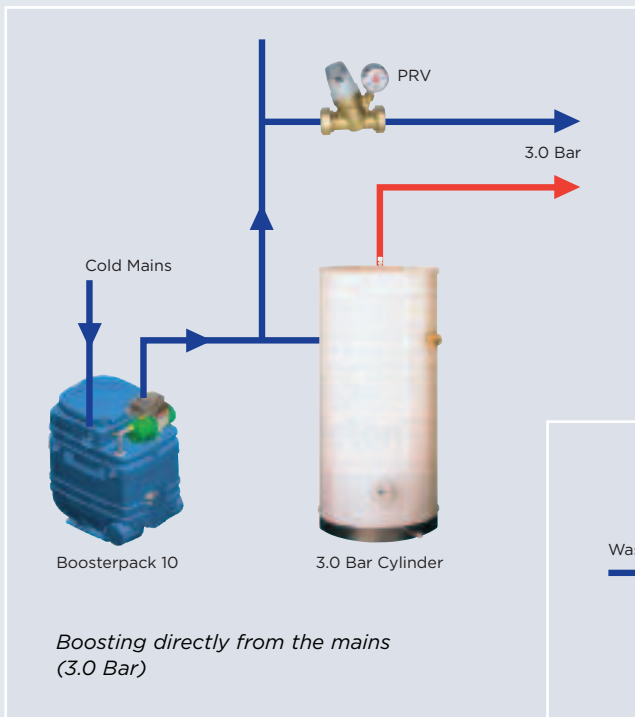
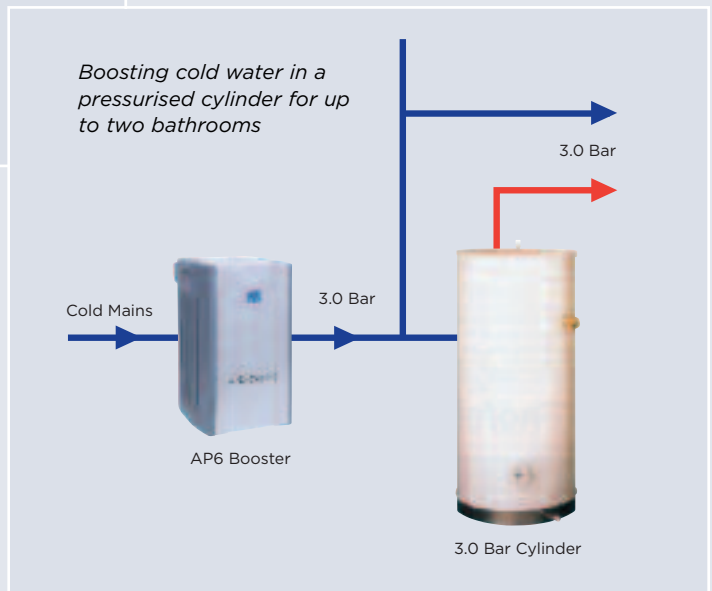
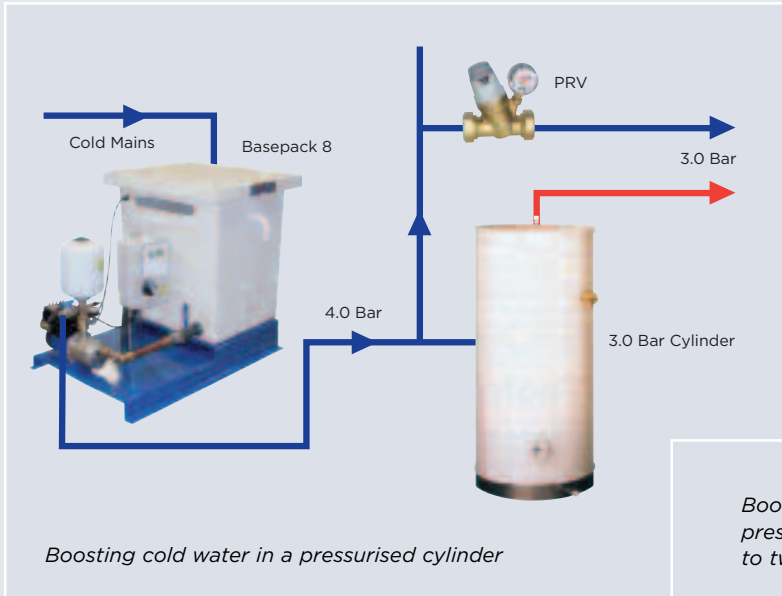
Dimensions	Dimensions L x D x H (mm)
Aquapack 5	800 x 390 x 680
AP6 Booster	600 x 600 x 1000
Resvari Resfix	620 x 620 x 1020
Basepack 7 and 8	1091 x 751 x 870
Boosterpack 10	570 x 700 x 870
Boosterpack 20	570 x 700 x 870
Boosterpack Slave	570 x 700 x 870

Prices exclude VAT

Pumps are suitable for 230/1/50 electrical supply. The Aquapack 5 has wall mounting brackets if required.

All of the sets require a minimum inlet pressure of 1.0 Bar which will allow a recovery rate of 18 lpm.

# schematics for mains boosting



# mains booster packs



**2 YEAR WARRANTY**

Framepack 2 Pump Set

All sets have automatic refill and are pressure switch controlled. The Aquakit, Boosterpack and Framepack have dry run protection

## Applications

- Boosting pressurised cylinders where space is at a premium

## Frame Packs

Suitable for larger applications offering high energy efficiency and quiet running.



**2 YEAR WARRANTY**

Framepack 1

**NEW**



Boosterpack 30

**1 YEAR WARRANTY**

**NEW**



Boosterpack 40

**1 YEAR WARRANTY**

**NEW**



Aquakit

**1 YEAR WARRANTY**

Specifications

200

Code	Model	Speed	Tank (Litres)	Bar	L/m	Connections	Price
PT3100	Framepack 1	Variable	230	4.0	70	1 1/4"	£4023.00
PT3300	Framepack 3	Variable	230	4.0	110	1 1/4"	£4489.00
PT4000MP	Sub Tank 5	Variable	227	3.0	80	22 mm	£1979.00
PT4100MP	Sub Tank 7	Variable	227	4.0	60	22 mm	£2126.00
PT2200ST	Slave Tank	-	227	-	-	1"	£379.00
PT4600MP	Aquakit Plus	Variable	200	4.0	50	1"	£1265.00
PT4800MP	Aquakit Plus Sub	Variable	200	4.0	50	1"	£1426.00
PT5200MP	Boosterpack 30	Fixed	280	3.0	50	1"	£1228.00
PT5300MP	Boosterpack 40	Variable	280	3.0	75	1 1/4"	£2410.00
PT5500	Boosterpack Slave Tank	-	280	-	-	Adapter Flange	£775.00

Prices exclude VAT

Dimensions	Dimensions L x D x H (mm)
Framepack 1	560 x 738 x 1800
Framepack 3	560 x 738 x 1800
Sub Tank 5	600 x 600 x 1150
Sub Tank 7	600 x 600 x 1150
Slave Tank	590 x 590 x 870
Aquakit Plus	600 x 600 x 1150
Aquakit Plus Sub	600 x 600 x 1150
Boosterpack 30	570 x 700 x 870
Boosterpack 40	570 x 700 x 870
Boosterpack Slave Tank	570 x 700 x 870

Pumps are suitable for 230/1/50 electrical supply.

All of the sets require a minimum inlet pressure of 1.0 Bar which will allow a recovery rate of 18 l/m.

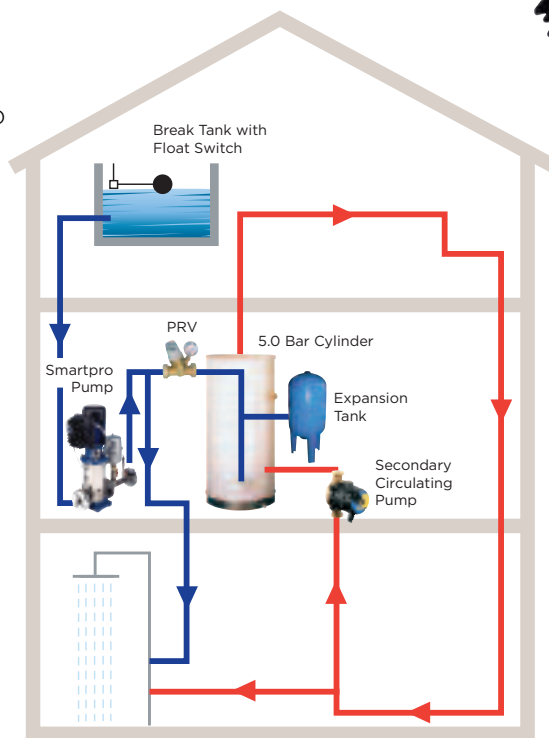
# smart pro variable pumps

- Suitable for large domestic houses (2-6 bathrooms), hotels and leisure centres
- Flow rates up to 140 lpm
- Low noise levels down to 45 dba-1
- Pressures up to 7.0 bar
- No surging or excessive water noise
- No control panel required each pump has a built in intelligent system with fault diagnosis
- Save up to 70% reduction in energy consumption
- WRAS approved components

**EASY  
TO SET UP**

Smart Pro  
6e-14e

**NEW**



**2 YEAR  
WARRANTY**

*Boosting pressure  
into a cylinder  
using a variable  
speed pump.*

**2 YEAR  
WARRANTY**

Smart Pro  
10-12



Code	Model	Bar	Max Flow (lpm)	Motor (Kw)	Inlet /Outlet (inches)	Dimensions L x W x H (mm)	Price
<b>Smartpro Pumps</b>							
P1405 Kit	Smartpro 10	4.7	70	0.55	1.0" / 1.0"	530 x 270 x 630	£1585.00
P1410 Kit	Smartpro 11	5.9	70	0.75	1.0" / 1.0"	530 x 270 x 630	£1688.00
P1416 Kit	Smartpro 12	6.0	120	1.1	1.0" / 1.0"	530 x 270 x 630	£1799.00
P1400 Kit	Smartpro 6e	5.5	140	0.75	1 1/4" / 1 1/4"	508 x 210 x 579	£1799.00
P1417 Kit	Smartpro 8e	7.0	80	1.1	1 1/4" / 1 1/4"	508 x 210 x 671	£1899.00
P1421 Kit	Smartpro 14e	6.0	140	1.1	1 1/4" / 1 1/4"	508 x 210 x 691	£1999.00

## Useful Accessories

Code	Model	Description	Price
N1000	Data cable	Links two Smartpro pumps	£15.00
N2052	Fixed Float Arm	Suitable for coffin tanks	£45.00
N5200Kit	Manifold Kit Smartpro 10-12	One s/s manifold, cable and end caps	£326.00
N2460Kit	Acoustic Kit Smartpro 10-12	Two special flexibles and acoustic mat	£151.00
N5300Kit	Manifold Kit Smartpro 6e-14e	One s/s manifold, cable and end caps	£326.00
N2470Kit	Acoustic Kit Smartpro 6e-14e	Two special flexibles and acoustic mat	£160.00

Register online for the 2 year warranty.

Prices exclude VAT

Pumps are supplied with double protection float switch for low level water protection and a full installation kit. For higher demand situations, two pumps can be wired in parallel for duty, assist and standby. Use N1000 data cable or select from the manifold options shown in the Accessory table.

**M**  
Specifications

200

# cold water boosters

Pump World can offer variable speed and fixed speed booster sets engineered to a standard or bespoke specification.

**The Smartpro Variable Sets** are easy to install, suit domestic type installations where ease of use and low running costs are of prime importance.



Both systems incorporate the following:

- Trouble free servicing
- Pressure transducer control for each pump
- Constant output
- Variable speed motors with reduced noise (as low as 45dba-1)
- Protection against dry running
- Fault alarm diagnosis built in.

These sets incorporate the following:

- Trouble free servicing
- Pressure switch control
- Compact design for minimal space applications
- Protection against dry running
- Automatic switching
- Vibration dampers under base
- Control Panel to IP55
- Factory assembled, calibrated and tested
- WRAS approved components.

## Horizontal Variable Speed Booster Sets

Code	Model	Max. Bar Pressure	Max. Flow (lpm)	Motor (Kw) x 2	Inlet/Outlet Manifolds	Dimensions L x W x H (mm)	Price
BPV2010	Smartpro 10	4.7	140	0.55	2" /1½"	550 x 570 x 1009	£4746.00
BPV2012	Smartpro 11	5.9	140	0.75	2" /1½"	550 x 609 x 1009	£4808.00
BPV2020	Smartpro 12	6.0	240	0.90	2" /1½"	550 x 654 x 1009	£4828.00
<b>NEW</b> BPVE3000	Smartact 6	6.0	240	1.1	2" /2"	700 x 600 x 927	£4344.00

Prices exclude VAT

We recommend using our Commissioning Service with these sets.

## Useful Accessories

Code	Type	Description	Price
<b>NEW</b> N2052	Fixed Arm Float	Suitable for coffin tanks	£45.00
NFG2054A	Flexible Float	Suitable for standard tanks	£52.00
N2052Kit	Coffin Tank Float Switch	Low Level Water Protection	£99.00
NC1020	Flexible	1½" acoustic flexible	£72.00
NC1030	Flexible	2" acoustic flexible	£87.00
<b>NEW</b> NC1025/NF2000	WRAS flexible	1½" stainless steel and mating flange	£499.00
<b>NEW</b> NC1035/NF2100	WRAS flexible	2" stainless steel and mating flange	£593.00

Prices exclude VAT

The **Smartpro** variable sets have dual transducer control, one per pump. They feature stainless steel pipe work, compact design and exceptionally quiet operation.

We offer a commissioning service following installation to ensure maximum reliability and energy efficiency.

Larger sets are available for bigger applications requiring higher flow rates and operating pressures. They are available for three phase supplies and can be made to suit two and four pump systems often used in factory and hotel applications.

- WRAS approved components.

**NEW**

Smartact 7



**1** YEAR WARRANTY

**NEW**



Smartpro 14e  
Booster Set

**2** YEAR WARRANTY

### Vertical Variable Speed Booster Sets

Code	Model	Max. Bar Pressure	Max. Flow (lpm)	Motor (Kw) x 2	Inlet/Outlet Manifolds	Dimensions L x W x H (mm)	Price
BPV2016	Smartpro 6e	5.5	280	0.75	2" / 2"	658 x 802 x 706	£6388.00
BPV2018	Smartpro 8e	7.0	150	1.1	2" / 2"	658 x 802 x 706	£6965.00
BPV2023	Smartpro 14e	6.0	280	1.1	2" / 2"	658 x 802 x 706	£7131.00
<b>NEW</b> BPVE3100	Smartact 7	7.0	270	1.1	2" / 2"	1000 x 700 x 900	£4944.00

Prices exclude VAT

We recommend using our Commissioning Service with these sets.

### Useful Accessories

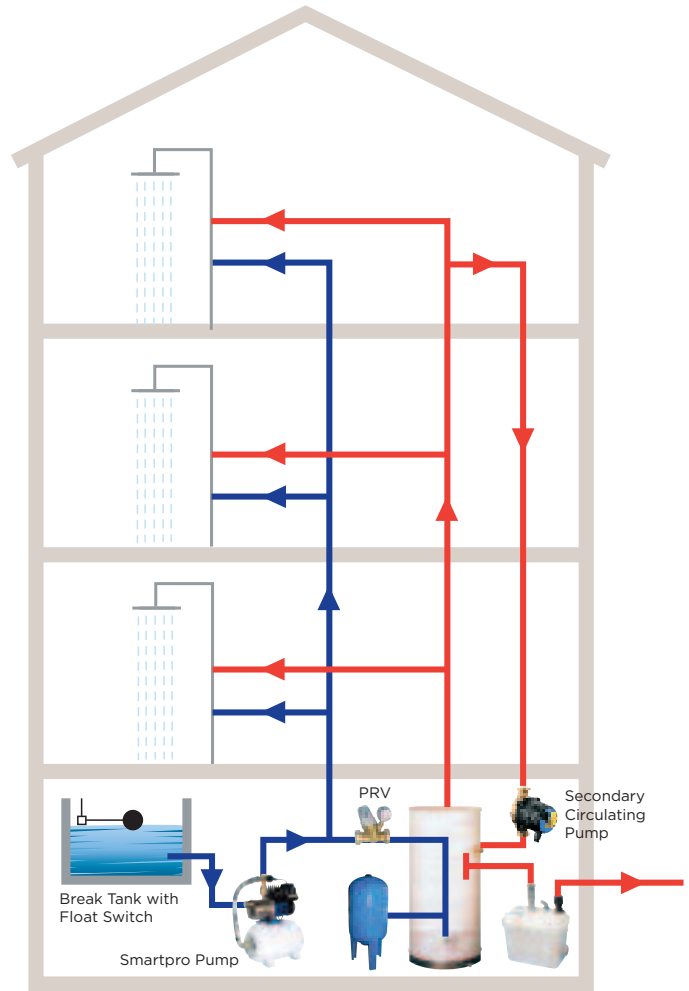
Code	Type	Description	Price
<b>NEW</b> N2052	Fixed Arm Float	Suitable for coffin tanks	£45.00
NFG2054A	Flexible Float	Suitable for standard tanks	£52.00
N2052Kit	Coffin Tank Float Switch	Low Level Water Protection	£112.00
NC1030	Flexible	2" acoustic flexible	£87.00
<b>NEW</b> NC1035/NF2100	WRAS flexible	2" stainless steel and mating flange	£593.00

Prices exclude VAT



# break tanks

When a complete system including break tank, pressurised cylinder and pump is purchased from Pump World we offer a peace of mind warranty, guaranteeing all of the items are matched to give optimum performance.



Boosting mains water from a basement

Expansion Tank 5.0 Bar Cylinder Hot Water Waste Set

Typical installation

- The tanks are pre-insulated with 25mm of insulation, have 54mm screened vent, 28 mm essex flange and 3/4" high recovery ball valve.
- Recovery using a 3/4" equilibrium ball valve is 66 lpm @ 1.0 Bar pressure
- Larger sizes and made to measure options are available
- Sectional tanks are available with assembly on site
- Please ensure there is sufficient access through doors and room to site the tanks
- Split tank options available

## Cold Water Break Tanks

Code	Litres	Gallons	Actual Litres	Dimensions L x W X H (mm)	Price
N2821	340	75	252	1130 x 850 x 580	£680.00
N2822	420	100	329	1130 x 850 x 725	£734.00
N2823	730	150	590	1290 x 1065 x 820	£1180.00
N2824	950	200	801	1290 x 1065 x 1060	£1248.00

Prices exclude VAT

Up to 5.0 Bar  
Operating Pressure  
at the bathroom

- No anode
- Expansion vessels supplied
- Standard cartridge 3.0 Bar on FSC and FSXD Units
- High pressure 5.0 Bar cartridge on FC units
- 3 Kw immersion heaters fitted
- Removable dip tube on FC units, increases internal capacity by 20%
- Dedicated secondary return facility
- CFC - free insulation
- FSC and FSXD units have 3/4" connections
- FC units have 1" connections
- Indirect cylinders supplied with 2 port motorised valve
- 25 Year Warranty on cylinders
- FSC and FSXD are KIWA approved products.



FC stainless steel cylinder

60 litre expansion tank

# pressurised cylinders

Lower Prices!



FSC/FSX cylinder

Code	Capacity	Inlet / Outlet	Re-Heat Time (Mins)	Coil Rating (Kw)	Max. Pressure (Bar)	Dimensions D x H (mm)	Price
<b>Indirect Cylinders 3.0 Bar</b>							
<b>FSC120</b>	120	3/4"	17	12	3.0	570 x 870	£850.00
<b>FSC150</b>	150	3/4"	11	26	3.0	570 x 1050	£895.00
<b>FSC180</b>	180	3/4"	13	26	3.0	570 x 1160	£945.00
<b>FSC210</b>	210	3/4"	15	26	3.0	570 x 1300	£1010.00
<b>FSC250</b>	250	3/4"	19	26	3.0	570 x 1550	£1090.00
<b>FSC300</b>	300	3/4"	22	26	3.0	570 x 1750	£1196.00

Code	Capacity	Inlet / Outlet	Re-Heat Time (Mins)	Coil Rating (Kw)	Max. Pressure (Bar)	Dimensions D x H (mm)	Price
<b>Direct Cylinders 3.0 Bar</b>							
<b>FSXD120</b>	120	3/4"	71	-	3.0	570 x 870	£735.00
<b>FSXD150</b>	150	3/4"	75	-	3.0	570 x 1050	£771.00
<b>FSXD180</b>	170	3/4"	92	-	3.0	570 x 1160	£837.00

Code	Capacity	Inlet / Outlet	Re-Heat Time (Mins)	Coil Rating (Kw)	Max. Pressure (Bar)	Dimensions D x H (mm)	Price
<b>Twin Coil 2.1 Bar</b>							
<b>FC1030TC</b>	210	3/4"	-	26.5	3.0	580 x 1400	£1355.00
<b>FC1040TC</b>	250	3/4"	-	26.5	3.0	580 x 1600	£1461.00
<b>FC1050TC</b>	300	3/4"	-	26.5	3.0	580 x 2090	£1912.00

Code	Capacity	Inlet / Outlet	Re-Heat Time (Mins)	Coil Rating (Kw)	Max. Pressure (Bar)	Dimensions D x H (mm)	Price
<b>Indirect Cylinders 5.0 Bar</b>							
<b>FC1030F1</b>	210	1"	23	26.5	5.0	580 x 1400	£1458.00
<b>FC1040F1</b>	250	1"	28	26.5	5.0	580 x 1600	£1651.00
<b>FC1050F1</b>	330	1"	36	26.5	5.0	580 x 2090	£1844.00

Code	Capacity	Configuration	Price
<b>FC3060</b>	24 litre	Horizontal vessel	£70.00
<b>FC3080 Kit</b>	50 litre	Horizontal vessel plus valve and flexible	£230.00
<b>FC3100 Kit</b>	60 litre	Vertical vessel plus valve and flexible	£264.00

Prices exclude VAT

S Specifications

200

# waste sets

Removing condensate from boilers or discharged hot water from dish washers or washing machines



Hot Water Waste Set



Sololift + WC3



Sanimat

Specifications

	Code	Description	Head (m)	Flow (lpm)	Size L x W x H (mm)	Alarm Option	Price
	H1440	Sololift WC3	5	294	430.2 x 188.8 x 279	No	£563.00
<b>NEW</b>	H4200	Condensate Set	5.4	460 (lph)	168 x 90 x154	High Level Alarm (fitted)	£203.00
	H6600	Shower Waste Set	4	–	295.3 x 162 x143.7	No	£351.00
	H1550	Sanimax R202	4	–	400 x 345 x 299	No	£435.00
	H1554	Hot Water Set	6	–	388 x 226 x 299	High Level Alarm (fitted)	£499.00
<b>NEW</b>	H4530	Smoothflow	–	14	–	For mixer showers	£675.00
<b>NEW</b>	H4535	Mira Instant Match	–	8	–	For Mira Advance	£445.00
<b>NEW</b>	H4620	Automatic Tray Kit	–	8	–	For electric showers	£399.00
<b>NEW</b>	H4520	Drydeck 20	–	20	–	For high flow electric showers	£1135.00

Prices exclude VAT



Sanimax R202

*Sanimax pumping waste from basin and washing machine.*



Shower Waste Set



Condensate Pump



Automatic Tray Kit

**Stainless Steel Flex. Float**

Suitable for solids up to 10mm, dirty waste water and general drainage  
Stainless steel construction.  
Complete with adjustable flexible float.



A140/A150



A160

**Stainless Steel Flex. Float**

Suitable for solids up to 10mm, dirty waste water and general drainage.  
Stainless steel construction.  
Complete with internal float.



A188

**Internal Float**

Suitable for small sump applications including tanks.  
Plastic construction.  
Complete with internal float.

# submersibles

**Well Boosting**

Suitable for high pressure boosting from wells. Plastic construction. Float switch included.



A171/A179



A530/A540

**High Head Pressure Switch Pumps**

Suitable for automatic high pressure boosting from wells. Plastic construction. Float switch optional.

**NEW**

A117



**Drainit Flexible Float**

Suitable for cellar drainage and light drainage applications. Plastic construction. Complete with flexible float.

A122



**Fixed Arm Float**

Suitable for small sump applications including tanks. Plastic construction. Complete with fixed float.

Code	Description	Max Head (m)	Max Flow (lpm)	Discharge (Inches)	Dimensions Dia x Height (mm)	Price
A117	Drainit Flexible Float	8.5	240	1 1/2"	160 x 325	£95.00
A122	Fixed Arm Float	6.5	210	1 1/4"	155 x 188	£207.00
A140	Stainless Steel Flex Float	7	150	1 1/4"	175 x 285	£274.00
A150	Stainless Steel Flex Float	11	220	1 1/4"	210 x 245	£364.00
A160	Stainless Steel Int Float	7	150	1 1/4"	227 x 318	£289.00
A171	Well Boosting Flex Float	35	90	1"	148 x 376	£389.00
A179	Well Boosting Flex Float	42	95	1"	148 x 400	£430.00
A188	Internal Float	11	145	1 1/4"	150 x 200 x 425	£173.00
A530	High Head 5 Pressure Switch	35	90	1"	150 x 450	£445.00
A540	High Head 6 Pressure Switch	45	95	1"	150 x 480	£476.00

Prices exclude VAT

Specifications

300

# self priming jet pumps

Close coupled self priming pumps with built in ejector system, designed to remain primed even in the presence of water dissolved gases.

Manufactured in either cast iron or stainless steel ensures a high performance and durable range of pumps.

Applications include Irrigation, Fountains, Rain Water Collection and Pressure Boosting.

- Electrical supply 230/1/50. Motor protection P44
- Centrifugal design complete with Venturi system
- Cast iron construction
- Continuously rated induction motor.

Code	Model	Power (Kw)	Max. Pressure (Bar)	Inlet	Outlet	Dimensions L x W x H (mm)	Price
AJ100	J800M	0.75	4.8	1"	1"	400 x 182 x 190	£203.00
AJ110	J1000M	1.00	5	1"	1"	425 x 182 x 190	£231.00



**2 YEAR WARRANTY**

- Electrical supply 230/1/50. Motor protection IP44
- Centrifugal design complete with ejector system
- Stainless steel construction
- Continuously rated induction motor.

Code	Model	Power (Kw)	Max. Pressure (Bar)	Inlet	Outlet	Dimensions L x W x H (mm)	Price
AJ200	BGM3	0.37	3.6	1 1/4"	1"	366 x 215 x 220	£476.50
AJ210	BGM5	0.55	4.0	1 1/4"	1"	380 x 215 x 230	£496.00
AJ220	BGM7	0.75	4.5	1 1/4"	1"	380 x 215 x 230	£552.00
AJ230	BGM9	0.90	5.0	1 1/4"	1"	380 x 215 x 239	£557.00
AJ240	BGM11	1.10	5.3	1 1/4"	1"	425 x 215 x 246	£603.00



**2 YEAR WARRANTY**

- Electrical supply 230/1/50. Motor protection IP44
- Pump mounted on 24L tank, pressure switch controlled
- Centrifugal design complete with ejector system
- Stainless steel construction
- Continuously rated induction motor.

Code	Model	Power (Kw)	Max. Pressure (Bar)	Inlet	Outlet	Dimensions L x W x H (mm)	Price
AJ300	J105M	0.90	49.6	1 1/4"	1"	380 x 215 x 239	£398.00
AJ310	J120M	1.10	53.2	1 1/4"	1"	425 x 215 x 246	£499.00



**1 YEAR WARRANTY**

## Accessories

Code	Description	Price
N2620	Footvalve and strainer	£81.00

Prices exclude VAT

# swimming pool pumps

These pumps are ideal for private or community swimming pools, for water tanks and light industrial applications. Suitable for seawater and water treated with chlorine, bromine and iodine.



- Centrifugal design
- Technopolymer construction
- Large basket strainer
- Continuously rated induction motor
- Electrical supply 230/1/50. Motor protection IP44.

Code	Model	Power (Kw)	Max. Pressure (m)	Max. Flow (lpm)	Inlet	Outlet	Dimensions L x W x H (mm)	Price
J1000	AG8	0.30	9	150	2 1/4"	2 1/4"	472 x 194 x 276	£403.00
J1100	AG10	0.37	11	150	2 1/4"	2 1/4"	472 x 194 x 276	£435.00
J1200	AG14	0.55	12	200	2 1/4"	2 1/4"	472 x 194 x 276	£483.00
J1300	AG16	0.67	13	267	2 1/4"	2 1/4"	472 x 194 x 276	£527.00
J2000	J100EC	0.55	14	267	2 1/2"	2"	548 x 198 x 310.6	£789.00
J2100	J150EC	0.75	15	333	2 1/2"	2"	578 x 198 x 310.6	£808.00
J2300	J200EC	1.1	17	400	2 1/2"	2"	578 x 198 x 310.6	£854.00
J2400	J240EC	1.5	17	483	2 1/2"	2"	578 x 198 x 310.6	£918.00

Prices exclude VAT



**Leak Detector**

Suitable for small pumps up to 10 amps. Complete with alarm and relay to cut the power to the pump.

All pumps fitted in roof spaces should be installed with a leak detector.



**Two Pump Leak Detector**

Up to 8 amps per pump. Complete with two sensor cables, alarm and relay for cutting power.

**Two Pump Leak Detector**

Suitable for a pair of pumps up to 12 amps each. Complete with two sensor cables, alarm and relays for cutting power to both pumps.

# accessories



**Pressure Regulator**

Suitable for controlling pressure after or before pump system. Complete with gauge. Available in two sizes 3/4" and 1".



**Low Level Water Protection**

Providing protection for pumps when the break tank has low water level.



**Temperature Regulator**

Suitable for hot water tanks without adequate temperature control. Two sizes available 3/4" and 1". Controls temperature to a maximum of 65°C.

**NEW**



**Acoustic Kit**

Acoustic sound removing flexible connectors. Suitable for use with Superpro, Smart and Smart pro pumps. Kit includes 12mm thick rubber mat



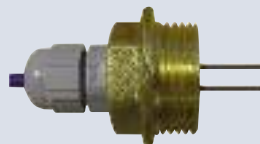
**High Level Alarm**

Suitable for use with submersible pumps



**Pressure/Flow Switch**

Suitable for negative head.



**Low Level Sensor**

Providing low level water protection in a coffin tank. Suitable for pumps with volt free contacts.

**NEW**



**Aquontroller 7 & 12**

Variable speed inverter 1.1-1.5 Kw motors. Max. input current 7-12 Amps. Inlet and outlet 1 3/4".

Specifications X

Code	Description		Price
N2861	Leak Detector	Up to 6 amps	£150.00
N2865	Two Pump Leak Detector	Up to 8 amps	£299.00
N2870	Two Pump Leak Detector	Up to 12 amps	£399.00
N2707	Pressure Regulator	3/4"	£68.00
N2708		1"	£108.00
N2055	Low Level Water Protection	Float Switch	£47.00
NFG2054Kit		Flexible Float Switch	£99.00
N2052Kit		Coffin Tank Float Switch	£99.00
N2725	Temperature Regulator	3/4"	£85.00
N2726		1"	£182.00
N2450Kit	Acoustic Kit	-	£110.00
N2770Kit	High Level Alarm	Connection Box Alarm	£399.00
P2712	Pressure/Flow Switch	(8 Amps) 1.5 bar cut in	£125.00
P2710		(10 Amps) 2.2 bar cut in	£125.00
N6500	Logic Flow Switch	Dry Run Protection	£80.00
P2770	Aquontroller 7	Variable Speed Controller	£418.00
P2780	Aquontroller 12	Variable Speed Controller	£445.00

Prices exclude VAT

# Determine a suitable pump system for larger houses involving three or more bathrooms



## Fax Back for your pump selection

### What is the mains pressure?

Static (Bar)	Dynamic (Bar)		
Size of incoming pipe to house	15mm	22mm	28mm

### Is a water softener fitted?

Yes	No
Model & type	

### Number of bathrooms

Max. flow (l/m) required	Min. pressure (Bar) required
1	
2	
3	
4	
5	
6	

### Other details

Number of storeys?	
Height of cellar?	
Size of cold water tank (if fitted)	Litres
Size of hot water tank?	Litres                      Pressurised / Gravity
Method of heating?	Gas / Oil / Electric / LPG / Other
Location of cold tank?	
Location of hot tank?	
Preferred location of pumps?	

**Requested by** \_\_\_\_\_

**Company** \_\_\_\_\_

**Fax number for reply** \_\_\_\_\_

**Email address for reply** \_\_\_\_\_

fax this form to our technical helpline on 01793 823800,  
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 or post a copy - address on back page.

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Mono Pumps  
Oso Cylinders  
Stuart Turner  
Techflow  
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Zehnder

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