



GREAT WATER

**Product Range
Information**

Great flow

Great feel

Great taste



Great Water information

With over 100 years of experience at Great Water, we like to think we have learned a thing or two about water. Great Water is an exclusive national distributor of innovative water systems, all with quality and performance and ease of use built in.

Whether it's our 1" valve high flow Water Softeners, our innovative mains and Pressure Boosting products or our latest Pure Drinking Water System, we have the right product to make water work for you.

Developed specifically for plumbing professionals, our systems are easy to install, easy to set up and easy to maintain.

We offer unrivalled warranties on our water systems, of up to 10 years*

Our full product range offers versatility and flexibility and are available through your local plumbers merchants.

We are here to help plumbing professionals offering water systems which are unique with excellent warranty backup.



Brett Benson
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Area Manager
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GREAT WATER

GREAT WATER.

Great flow, Great feel, Great taste.

*subject to the product and registration

Products For Professionals

Great flow

ProVess Accumulators

Pages
4 & 5



Great feel

PV-5 Boost-a-Main Pump

Pages
6 & 7



AB-1 AllBoost Pump

Pages
8 & 9



Great taste

Pro Series Water Softeners

Pages
10 - 13



Pro Pure 800 R.O. System

Pages
14 & 15



Water-Flex Hoses & Accessories

Page
16



ProVess Accumulators

ProVess Premium Composite Accumulators

ProVess Composite Accumulator Vessels, are unique in design and construction. Unlike all other accumulator tanks the ProVess Tank system stores the water between the outer shell and the inner bladder.

This eliminates stretching and possible failure of the bladder. It also makes bladder removal and cleaning not only possible but easy. Due to this unique technology it is possible to increase the pressure differential and therefore the net volume of stored water.

The ProVess Tank range is manufactured in Europe using the latest composite materials & technology.



- ▶ *Lightweight and durable*
- ▶ *10 year warranty - subject to registration*
- ▶ *8 bar Max. Operating Pressure*
- ▶ *Interchangeable Membrane*
- ▶ *Ideal for applications where Legionella control and tank cleaning is a requirement*
- ▶ *Range of sizes*
- ▶ *All sizes available in either vertical or horizontal* format.*

Characteristics

Min. ambient & water temperature	1°C / 34°F
Max. ambient & water temperature	50°C / 120°F
Air cell pre-charge pressure	1,5 bar / 21,76 psi / 150 kpa
Maximum pressure air cell	3 bar / 43,52 psi / 300 kpa
Maximum design pressure	8 bar / 116 psi / 800 kpa
Bladder	TPU
Barrier tank	PB1
Reinforcement layer	GF/PP





GREAT WATER

Great flow

PROVSS VERTICAL ACCUMULATORS*

Model	220V	350V	440V	660V
Tank volume nominal (litres)	150	245	300	450
Diameter	mm	462	462	622
Weight	kg	14.8	21	22.8
Total height	mm	1220	1825	1315
Bottom of the tank	1 opening 160mm with V-clamps and 1 1/4" brass male thread			
Top of the tank	Air valve			
Hose supplied	512117		512118	



ProVess Accumulators

PROVSS HORIZONTAL ACCUMULATORS*

Model	220H	350H	440H	660H
Tank volume nominal (litres)	150	245	300	450
Diameter	mm	462	462	622
Weight	kg	15	21	23
Total length	mm	1215	1810	1290
Height including cradle	595	595	745	745

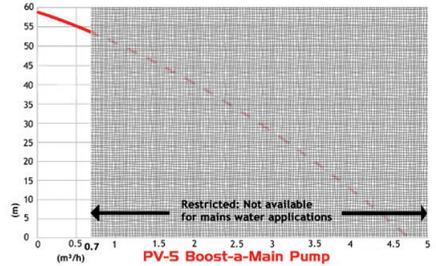
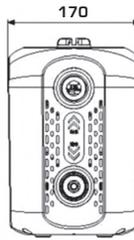
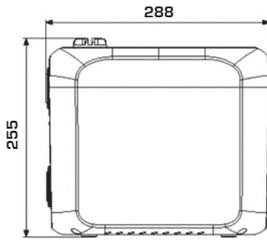


INCLUDING

Brass tank outlet
28mm Plastic push-fit elbow
28mm Support cradles



PV-5 Boost-a-Main



PV-5 Boost-a-Main Pump		
	Mains Water Supply	Tank Supply
Rated head	50m (5 bar)	35m (3.5 bar)
Maximum head	58m (5.8 bar)	58m (5.8 bar)
Rated flow rate	0.7m ³ /h	2.5m ³ /h
Maximum flow rate	0.7m ³ /h	4.8m ³ /h
Rated frequency	50Hz/60Hz	
Rated voltage	220V	
Rated current	4.7A	
Maximum power	650W	
Maximum speed	5600r/min	
Inlet & outlet diameter	½" Male Thread	1" Female Thread
Impeller	4 Stage 304 Stainless Steel	
Housing & drive shaft	304 Stainless Steel	
Temperature resistance grade	F	
Protection level	IP55	
Maximum water temperature	65°C	



Permanent magnet motor



Variable frequency
constant voltage



Energy saving



Suitable for mains connection



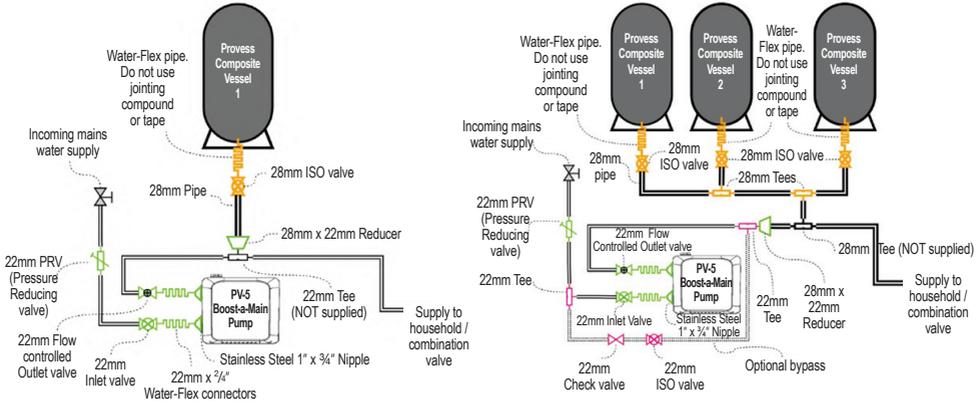
304 food grade
stainless steel



Integrated diagnostics

Mains Pressure boosting pump

The PV-5 pump



Plumbing Kits: PV-5 Pump & single Vessel

Vessel Kit

- 28mm ISO valve
- Water-Flex connector pipe

Parts not included, but required

- 22mm Tees
- 22mm pipe
- Solder, flux, etc

Pump Kit (Mains)

- 22mm PRV (Pressure Reducing Valve)
- 22mm Inlet valve
- 1" x 3/4" Stainless Steel Nipples x2
- 22mm x 3/4" Water-Flex Pair
- 22mm Flow Controlled Outlet valve
- 28mm x 22mm Compression Reducing Coupling

Plumbing Kits: PV-5 Pump, Bypass & multiple Vessels

Vessel Kit

- 28mm ISO valve x3
- Water-Flex connector pipe x3
- 28mm Tee x2

Optional bypass kit

- 22mm Check valve
- 22mm ISO valve
- 22mm Tee x2

Pump Kit (Mains)

- 22mm PRV (Pressure Reducing Valve)
- 22mm Inlet valve
- 1" x 3/4" Stainless Steel Nipples x2
- 22mm x 3/4" Water-Flex Pair
- 22mm Flow Controlled Outlet valve
- 28mm x 22mm Compression Reducing Coupling

Parts not included, but required

- 28mm Tees
- 22mm & 28mm pipe
- Solder, flux, etc

The PV-5 Boost-a-Main pump is the third generation Boost-a-Main and has been engineered specifically to operate with the ProVess Range of Accumulators.

Adding the PV-5 to the system will ensure that the Pro Vess Accumulator tanks are fully charged to 5 Bar and will optimise the available storage volume. When used together this combination will store 30% MORE WATER than the same sized steel accumulator.

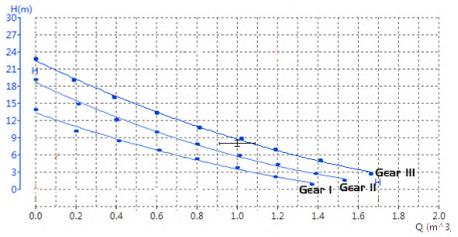
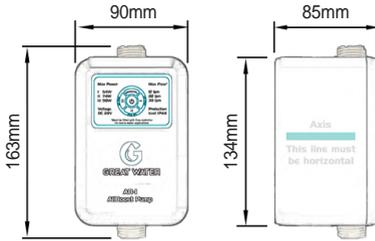
The PV-5 pump is constructed using 304 Food Grade stainless steel throughout. This compact powerful quiet pump utilises variable frequency control and permanent magnetic motor technology to ensure that the Accumulator tank is filled quickly and quietly.

The electronic control system is pre-set to ensure ease of installation and commissioning and incorporates many features including.

- Run Dry Protection
- Over temperature protection
- Frost protection
- Variable speed control
- Multi Stage pumping – Quiet and efficient
- 3 year warranty*
- Optional By-pass Kit

*Subject to registration

AB-1 AllBoost



AB-1 AllBoost Pump		
	Mains Water Supply	Gravity Water Supply
Rated head		1.6 bar
Maximum head		2.1 bar
Rated flow rate	12 lpm	18 lpm
Minimum flow rate		0.5 lpm
Maximum flow rate	12 lpm	28 lpm
Rated voltage		24V
Rated current		3.5A
Maximum power		100W
Maximum speed		3000r/min
Inlet & outlet diameter	½" Male Thread	¾" Male Thread
Protection level		IP44
Maximum water temperature		60°C
Ambient temperature		40°C

Manufactured & assembled in China to UK Specification of Great Water Ltd



Overload protection



Run dry protection



DC 24V Power



AllBoost

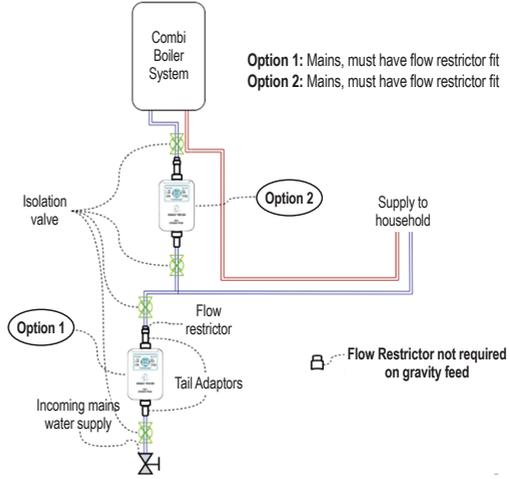
15 or 22mm pipework, mains or gravity systems, hot or cold water.

One pump boosts them all.

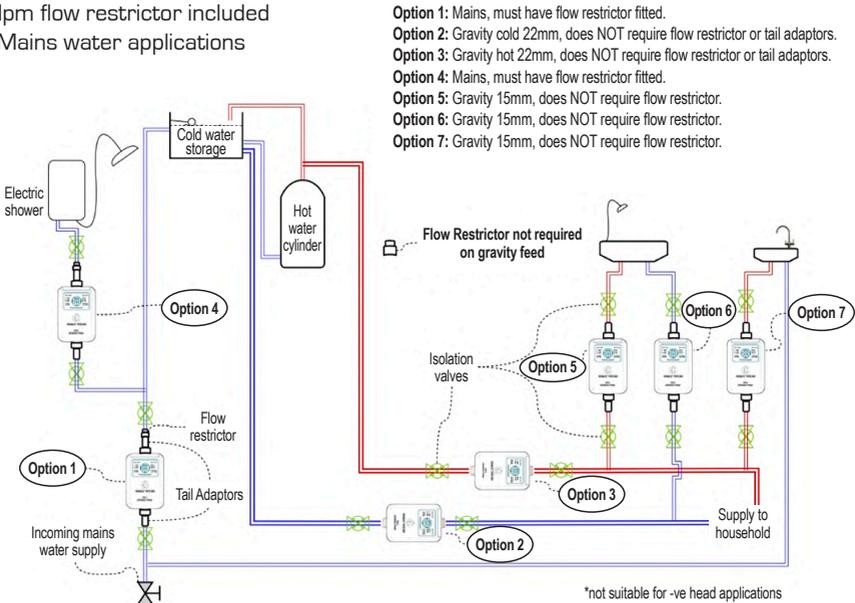
The AllBoost Pump – One pump, multiple applications

- Compact
- Low cost
- Exceptionally quiet
- High Performance
- Multiple application
- This compact silent running unit offers incredible value for money.
- Easy to install,
- Mains water or gravity systems*.
- Hot or cold services
- 1/2" & 3/4" connections
- 12 lpm flow restrictor included for Mains water applications

Combi Boiler System



Hybrid System



AB-1 AllBoost

Pro Series Water Softeners

- Suitable for households of 1 – 10 persons
- Full 1" valve on all models
- Plug in and play set-up
- Super fast regeneration
- Genuine flow rates up to 80 lpm
- 1400 model can use block or tablet salt





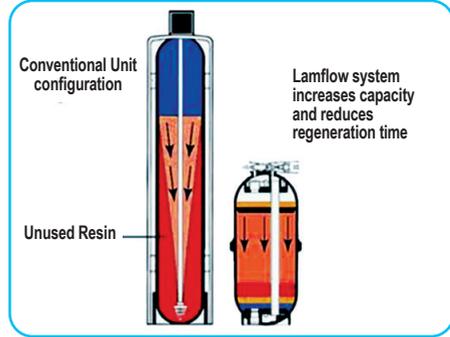
GREAT WATER



Great feel

Made to be better:

The Pro Series water softeners have been developed using all of the 60+ years of engineering excellence at our disposal and are wholly manufactured in our dedicated factory using the latest robotics and quality control standards. Our patented vessel design ensures great water quality throughout the range of flow as well as efficient use of salt and water.



- **Megabore Full 1" valve on all models = Great flow rates**
- **Patented LamFlow® system = Softer water and less salt**
- **Mega-Flow SUPER water-flex™ Stainless steel pipes supplied as standard.**
- **FlexBrain® Auto adjusting controller meters, regenerates and adjusts salt dosage**
- **Uberfine® softening resin = Faster exchange kinetics for fast efficient regeneration. Just 9 minutes on Pro Series 1400.**

Our no compromise approach to design and engineering means better, stronger products which last longer.

Pro Series resin tank wall section



Competitor resin tank wall section

Pro Series
Water Softeners

Pro Series Water Softeners

Pro Series 1400:

- Suitable for households of up to 7 people
- Side connections for ease of plumbing in tight spaces
- Peak flow rate of 58 litres per minute
- Built in auto flushing filter to 20 micron
- 9 minute regeneration
- 10 Year Warranty option*



Pro Series 2300:

- Suitable for larger family homes
- Peak flow rate of 80 litres per minute
- Built in auto flushing filter to 20 micron
- Up to 4m³ of soft water per day
- 20 minute regeneration
- 10 Year Warranty option*



In addition to traditional tablet salt, block salt can also be used for the 1400 Model, and is much easier to handle than the bags of conventional salt.



SPECIFICATIONS	1400	2300
Overall Height	546 mm	640 mm
Inlet /outlet height	473 mm	585 mm
Depth	470 mm	480 mm
Depth including Connections	470 mm	502 mm
Width	292 mm	380 mm
Overflow height	315 mm	465 mm
Width including connections	319 mm	380 mm
Media Volume	11.3 litres	20 litres
Max. Feed water hardness	600 mg/l	1200 mg/l
Maximum Ferrous Iron	3mg/l	10 mg/l
Minimum pH	7	7
Salt usage per regeneration	Variable based on water demand	Variable based on water demand
Water use per regeneration	43 litres (Default)	53 litres (Default)
Capacity (max@300mg/l hardness)	2300 litres	4900 litres
Nominal pressure range	1.4 – 8.3 Bar	1.4 – 8.3 Bar
Working pressure (max. daytime)	5 Bar	5 Bar
Minimum Pressure	1.4 Bar	1.4 Bar
Water temp. range	4 – 49°C	4 – 49°C
Ambient temp range	4 – 49°C	4 – 49°C
Flow rate @ 1 bar Δp	31 lpm	45 lpm
Peak flow Rate	58 lpm	80 lpm
In/Out Connection size	1" Threaded	1" Threaded
Waste connection size	16 mm Barbed	16 mm Barbed
Overflow Connection size	13 mm Barbed	13 mm Barbed
Power requirement	220 VAC/50 HZ	220 VAC / 50 HZ
Salt type	Tablet or Block	Tablet
Salt Storage capacity	14 kg	40 kg
Shipping weight	25 kg	39 kg
In / Out pipes supplied	Pair ¾" Bore 1" to ¾" Female Megaflow Super Water Flex. Stainless steel hoses. 600 mm long	Pair ¾" Bore 1" to ¾" Female Megaflow Super Water Flex. Stainless steel hoses. 600 mm long
Waste pipe supplied	Semi rigid 13 mm x 1200 mm	Semi rigid 13 mm x 1200 mm
O/F pipe supplied	Flexible 16 mm x 2400 mm	Flexible 16 mm x 2400 mm

Pro Pure 800 R.O. System

Pro Pure 800 R.O. System

- Pure Water on Tap
- Removes Micro Plastics
- Removes PFAS
- Removes Residual Pharmaceuticals
- Removes 95 – 99% of dissolved contaminants
- Reverse Osmosis Purification

Reverse Osmosis as a process is well proven and widely accepted as the gold standard for purifying water domestically. It is a membrane separation technique which relies on the unique ability of water molecules to pass through a semi permeable membrane. In doing so the water leaves behind the contaminants and impurities that it has collected in its journey from rainwater to your home tap water.



Traditionally the Reverse Osmosis process was slow and wasteful of water as the contaminants are carried away with waste water to the drain. The proportion of the feed water that is able to cross the membrane as pure water is determined by a number of factors chief among which is water pressure and membrane size.

Recent advances in technology have enabled “Direct Flow” membranes to be developed. This means that the pure water flow is sufficiently high that it is no longer necessary to store the pure water for use at a later date. This has a number of additional benefits, as there is no back pressure build up as the tank fills. The membrane is always operating in optimal conditions. This means faster, better quality product water and less waste water.

The Pro Pure 800 also includes remineralisation and pH plus stages to make the water slightly alkaline. Alkaline water is said to offer some health benefits but also tastes Great.

- Direct Flow – Never Run out of pure water
- No storage tank – Space saving
- Auto Shut down at end of filter life – Prevents overrunning
- Indicator Faucet option allows cartridge life monitoring
- Cartridge life indicator on system
- Remin & pH plus included.
- Easy DIY filter Changes
- Straightforward installation
- 2 lpm pure water flow*
- Can be connected to ...
 - 3 way tap
 - Fridge Water dispenser
 - Coffee Machine
 - Steam Oven
 - Boiling Tap

*may vary with water temperature



GREAT WATER



Great taste

Accessories



LED Ring Faucet Standard Faucet
Two faucet options



Power Adapter



Integrated Water Inlet Three-way Ball Valve



1/4 inch Push-Fit Fitting



1/4 inch or 3/8 inch PE tube



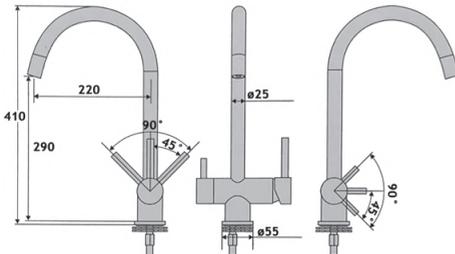
Installation Manual



Stainless Steel 3 Way Filter Tap

SPECIFICATIONS

- Minimum Water Pressure 1.0 Bar.
- Normal operating pressure range - 5.0 Bar.
- Maximum Temperature 80°C.
- Hole required is standard 35mm diameter.
- Manufactured from Stainless steel for strength and hygiene.
- Filtered water connection is "Metal Free."
- Supplied with Connection Hoses as standard for ease of installation.



Pro Pure 800 R.O. System

WaterFlex Hoses & Accessories

Water-Flex Hoses & Accessories



512115 **AB-1 15mm Hoses**
15mm OD x 1/2" BSP Brass
Nut: 380mm Long (Pair)



512030 **Pro Series I/O Hose**
1" NPT x 3/4" BSP
610mm Long



512060 **Hose**
15mm OD x 3/4" BSP
610mm Long



512080 **Hose**
1" BSP x 1" BSP
610mm Long



512117 **ProVess 220-350 I/O Hose**
28mm OD x 1 1/4" BSP
230mm Long



512112 **Hose**
1 1/2" BSP x 1 1/2" BSP
610mm Long



512010 **Hose**
Std 12mm Water Softener
I/O Hose 812mm Long



512100 **Hose**
1 1/4" BSP x 1 1/4" BSP
305mm Long



512116 **AB-1 / PV-5 22mm Hoses**
22mm OD x 3/4" BSP Brass
Nut: 455mm Long (Pair)



512050 **Hose**
22mm OD x 3/4" BSP
610mm Long



512070 **Hose**
3/4" BSP x 3/4" BSP
610mm Long



512090 **Hose**
28mm OD x 1" BSP
610mm Long



512118 **ProVess 440-660 I/O Hose**
28mm OD x 1 1/4" BSP
355mm Long



512114 **Hose**
2" BSP x 2" BSP
610mm Long



103051 **Kit**
Pro Series High Flow
28mm Kit



512110 **Hose**
1 1/4" BSP x 1 1/4" BSP
455mm Long



103100 **PV-5 Bypass Kit**



103102 **PV-5 Pump Kit (Mains)**



103101 **PV-5 Pump Kit (28mm Gravity)**



103103 **PV-5 Pump Kit (22mm Gravity)**



GREAT WATER

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