

galway water solutions



Quality Service:

We guarantee to beat any quotation for same sized systems but with better products offered

We are the largest Irish importers of water products direct from the USA

We use the best quality US brands - all are NSF and WQA Gold Seal

We are Certified Water Specialists, the highest ranked CWS in Europe

Best equipped vans in Ireland and the highest quality installations

*No salesmen used and No commissions
No contracts to sign and No deposits taken*

*Best warranty terms, excellent after sales service support
Lowest service costs, clear transparent pricing policy
3 year money back w'ty + up to 20 yr w'ty on most items*



lo-call : 1890 222 000

colmanstown, co. galway

www.gws.ie



quality service

Galway Water Solutions guarantee to set the highest standards for water treatment in Ireland. We guarantee top value leading brands, unbeatable aftersales care and the lowest service costs.

Most of our sales are gained by client recommendation as we offer the best value quality products imported direct from the US. see: galwaywater.ie



quality products

For peace of mind and value for money we use the most trusted NSF/WQA brand in water treatment Clack Corporation - the leader in water products for over 60 years. see: clackcorp.com

Clack valves are by far the best built and most efficient valves on the market today. They are designed to optimize salt use and monitor water usage and then automatically adjust regeneration cycles.

Clack WS1 v's Autotrol 255, Fleck/Ionics and Culligan E10



WS1 valves have the best warranty and build quality.

No exposed metal parts - lifetime of rust free service.
Soft water brining - no blocked valves or dirty tanks.
Best diagnostics of water use plus full system history.
Euro programming for Euro laboratory analysis data.
Valve manual, designed to clip under the valve cover
Clack Corp have been established for over 60 years.

Clack easily have the highest reliability of any valve.

WS1	255	Ionics	E10
✓	✗	✗	✗
✓	✗	✗	✓
✓	✗	✗	✗
✓	✗	✗	✓
✓	✗	✗	✗
✓	✗	✗	✓
✓	med.	med.	poor

quality assurance

WQA are a "not for profit" body setting high standards and ethics.

NSF are the leading global water product testing organisation. see: nsf.com

We are the first WQA Certified Water Specialists in Ireland and the highest company in Europe for top level WQA Professional Certifications. see: wqa.org



quality water

It is important for water testing, that only INAB (Irish National Accreditation Board) laboratories are used, and those adhering to EU Drinking Water Directives and Irish EPA guidelines. INAB is the body responsible for Good Laboratory Practice and Euro Audit Schemes. see: inab.ie

best value for money

For many years we have asked customers to try to find a better water treatment firm in Ireland for better value for money in all areas of our service from the best products, best prices and installation service to our aftersales service which includes competitive service costs and the most extensive warranty back up.

We have yet to be told of a firm in Ireland that comes close to offering the overall quality package of things we provide and we regularly run competitions offering free water treatment packages, if another firm can be found that offers just half of the important things that customers look for in quality service.

July '09 Competition - If you can find another installer that can match half of the items on our Quality Service list (front of brochure) - we will install a €2,000 water system for free.

faq's



hard water costs?

Hard water will cause limescale to form in pipes, tanks, cylinders, immersions, showers and many kitchen appliances, causing thousands of euros of financial damage throughout the household.

Calgon, Punch, Cillit Bang, more shampoo, soap powder, detergents and domestic cleaning add greatly to costs. Quality of life is less, with poor wash results, high wear on clothes + itchy skin.

how does a softener work?

Hard water passes via a pressure vessel where lime clings to polymer beads. Soft water passes out of the vessel. Every few weeks an automatic valve diverts brine via the beads to remove lime.

Excess brine and lime wash out to a drain. Only 0.05% of the sodium and 0% chloride are left in the softened water, so zero "salt" and zero taste are left and the softening cycle continues.

Existing limescale in the household dissolves over a period of time with combined savings paying for a softener many times over. A scaled kettle used on soft water will go back to clean metal.

A larger water softener has a higher capacity, life span and salt storage capacity. Softeners can be fitted in garages, boiler rooms and utilities or outdoors in modern sealed cabinets, sited on external walls near to the incoming mains.

what is R.O. hyperfiltration?

RO / HF systems are the best performing mini drinking filter systems domestically available. A faucet is fitted to the sink, linked to the RO with a mini tank, mains/waste tube and 230 v socket.

Water molecules, some minerals and oxygen go through filter micropores but without chlorine, odour, colour, taste, lead, heavy metals, nitrates, bacteria, grit, sediment, pesticides and sodium.

Calcium minerals can be adjusted above bottled spring water mineral levels if required, eitherway all E.U. water limits are strictly addressed. No other filter system provides as safe a water.

what if I have a private well?

Well water may sometimes appear to be clear but often has various contaminants such as lime, iron, heavy metals, turbidity, gases and bacteria. Clear / odourless water could have all of these.

It is essential to have well water tested before choosing a filtration system for the particular water problems. Never assume a standard water softener or basic filter can be used on well water.

Inadequate testing means filter equipment could fail and void all warranties, or companies that fail to recommend independent professional testing could over sell equipment by thousands of euros.

Any known water issue can be corrected using a selection of properly specified equipment after a full chemical and bacterial water test. Usually a backwashable filter, UV and RO are required.

**For more info please visit our website - gws.ie

	ionic and molecular range (domestic systems)				micro	macro	visible
microns :	0.0001 <small>proven</small>	0.001 <small>unproven</small>	0.01 <small>proven</small>	0.1 <small>proven</small>	1 <small>proven</small>	10	
process	hyperfiltration HF	nanofiltration NF	ultrafiltration UF	microfiltration MF	sediment filtration	grit filtration 100+	
products	membrane crossflow filtration			ceramic	fibre	washable s/s	
particle size ranges	metal ions soluble salts atom level	organic colour	turbidity virus	asbestos	algae bacteria crypto	giardia	sand 300 hair 70
products	membrane filters / softening / backwashable media systems				ultraviolet	grid / mesh	

water softeners - including discount packages



€900



€1,150



€1,100



€1,200

package discount



€1,100



€600

~~€1,700~~
€1,500



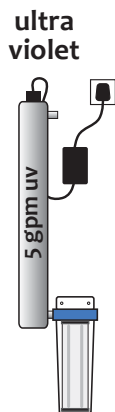
€1,400



€1,800



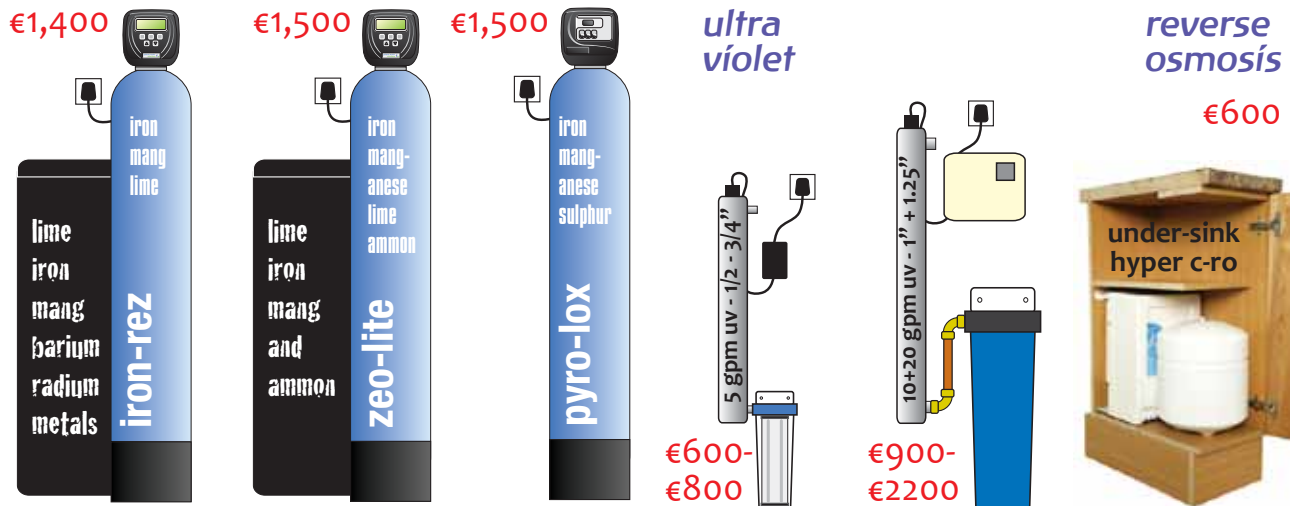
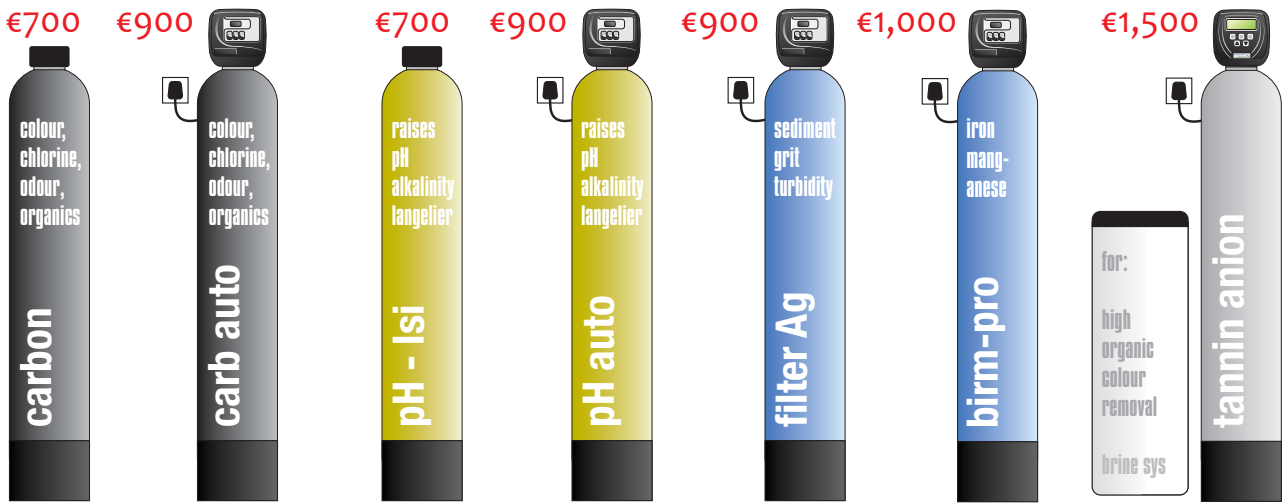
package discount ~~€2,300~~
€1,800



package discount ~~€1,700~~
€1,500



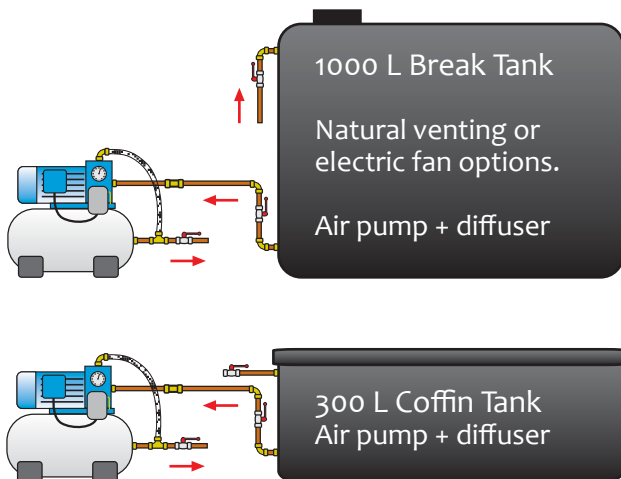
specialist systems - wells / springs / rivers / lakes / rain tanks, etc



All systems need to be based on certified water testing to comply with warranty requirements.

sulphur removal

€200 to €2,000



Aeration tanks help gas off high sulphide and chlorine oxygenating the water ahead of precipitation filters.

Ideal for re-boosting low water pressure or as a break tank for sediment and grit. (Sulphide reduction 95%)

Tanks of 300 ltr to 1,000 ltr can be used. An air pump fed to a membrane diffuser helps gas off the sulphide.

Once vented, the water pressure is lost so a booster pump is needed to re-boost the pressure back.

Raw sulphide levels are often low (<1ppm). Aeration, pyrolox, KDF and carbon can be used on higher levels.

Raw sulphide levels are seasonally variable so caution is required diagnosing system needs. Carbon alone is not a long term solution and has regular service costs.

rrp pricing

	service	price
10x24 meter softener	: 10-30 yr	900
10x35 meter softener	: 10-30 yr	1000
10x44 meter softener	: 10-30 yr	1100
10x54 ion-max std	: 10-30 yr	1200
10x54 iron-rez pro	: 10-30 yr	1400
10x54 ion-max pro /ss	: 10-30 yr	1400

13x54 meter softener	: 10-30 yr	1800
16x65 meter softener	: 10-30 yr	2500
20" + meter softener	: 10-30 yr	poa

10x54 cs-hac carbon	: 1-2 year	700
10x54 cs-hac auto	: 1-3 year	900
10x54 pH-LSI in-out	: 1-5 year	700
10x54 pH-LSI auto	: 1-5 year	900
10x54 filter-ag	: 3-5 year	900
10x54 birm-pro	: 3-5 year	1000
10x54 zeo-lite	: 3-5 year	1500
10x54 tan-go	: 5-10 year	1500

5 gpm UV standard	: 10 year	600
10gpm UV high flow	: 10 year	900
5-6 stg RO hyper-filter	: 1-5 year	600

28x36 mini keter shed	: 10 year	250
28x72 midi keter shed	: 10 year	300

1 hp pump & vessel	: 1-10 year	500
300 ltr venting tank sys	: 1-10 year	800

3/4" press. regulator	: 1-5 year	50
-----------------------	------------	----

keter cabinet install: assembly, levelling base, 4 bolt fixing, wiring double socket, plumbing via external wall, seal holes, lock, 10 yr w'ty.

discounts are offered for collections of items, DIY and multiple purchase up to 30% off.

laboratory water analysis

hse/ inab bacteria test	: pathology lab	30
hse/ inab chemical test	: uchg lab	45
hse/ inab full chem test	: uchg lab	100

Telephone : 091 544002 / 544954 / 544404

servicing

	service	price
10x2" sediment cartrg	: 1-2 year	20
10x2" carbon cartridg	: 1-2 year	35
10x2" ro membrane	: 1-5 year	75
10x2" post-inline gac	: 1-5 year	25
10x2" mineral cartridg	: 1-2 year	25
10x2" doulton cartridg	: variable	50

20x2" sediment cartr	: variable	30
20x4" jumbo sed cartr	: variable	75
20x4" jumbo kx carb	: variable	100

3 ltr kdf 85	: variable	200
10x54 cs-hac carbon	: 1 - 3 year	300
10x54 pH LSI media	: 1 - 7 year	300
10x54 filter-ag	: 3 - 7 year	300
10x54 birm-pro	: 3 - 7 year	300
10x54 ion-exchange	: 10 - 20 yr	300
10x54 zeo-lite	: 3 - 7 year	300
10x54 tan-go	: 10 - 20 yr	400

1 gpm UV bulb	: 1 year	25
5 gpm UV bulb	: 1 year	50
10gpm UV bulb	: 1 year	75

mini drinking faucet	: 10 + year	50
main triflow faucet	: 5 + year	250

10x2" filter housing	: ---	75
20x2" filter housing	: ---	100
20x4" jumbo filter hsg	: ---	200

hyper filter ro 3 pack	: 1-2 year	75
RO callout service fee	: galway	25

payable callout	: per visit	50
callout time after 1 hour	: per hour	30
third party callout	: per visit	70

warranty cover	: per visit	free
warranty parts / labour	: per visit	free

low cost salt stockists

greenes ahascragh, farrels mill mount bellew, athenry co-op creamery, cooneys of athenry, duanes of killtullagh, flynn's of lackagh,

axal pro salt stockists from 6.50 euro per bag



galway water solutions

Water Treatment Products General Warranty

Galway Water Solutions (GWS) warrants that products will be free from defects under normal service during manufacturer stated warranty period after cleared payment of goods if installed, used and serviced within the specified parameters.

Products will be repaired or replaced if valid under warranty. No warranty is given for defects or damage due to **accident, neglect, misuse, misapplication, alteration, water pressure extremes, weather extremes, lightning, frost, condensation.**

No liability is given for incidental or consequential damages or other kinds of loss ie. expenses, profits or any consumables - salt, cartridges, media, lamps, ballasts.

Don't extend treated water use to livestock, garden or other houses. Check toilet and tap leaks. System performance can be checked by accurate water analyses by independent INAB certified laboratories. **See extended warranty checklists.**

Monitor the most notable seasonal variables like sulphide, colour, bacteria and langelier. Hydrogen sulphide is often very variable and costly to treat and can only be tested at source. Carbon is used to remove colour. Reverse osmosis is used for guaranteed potable water and is the only technology which can remove sodium, nitrates, all heavy metals and the widest range of toxins. Use ultra violet sterilisers to kill bacteria, on water free of colour, turbidity, scale, iron. Use langelier correction if green / blue stains appear on sinks and baths.

Water treatment starts with **'Point-of-Entry'** or **Primary** water treatment options. Large sized **P.O.E.** cylinder systems treat domestic water in **1000's of litres** daily.

Drinking water filters are **'Point-of-Use'** or **Secondary** mini cartridge filter systems. Mini **P.O.U.** filters treat 2% of water, not the whole supply, just **10's of litres** daily.

Filter performance mainly depends on water quality, water pressure and water usage, taking into account filter type, filter size, filter capacity, filter quality and filter condition, all of which determine regular servicing. Filter type depends on the combination of raw water contaminants, the level of water fouling and budget. All filter systems are sized for the anticipated water use and are calibrated to the levels of the water fouling. **Leaks affect system performance and dangerous water pressures could cause extensive household damage.**

Fact : Many water schemes have problematic pressure variations (from 5 psi to 120 psi) Recommended limits 22 psi - 66 psi. Save €1000's - fit a pressure regulator - 44 to 60psi.

Filters used on dirty water will certainly expire far sooner than filters used on milder water. Make sure to change pre-filters; 1 to 2 years, membranes; 1 to 5 years and UV lamps every year. Harmless, 'white looking' fine air bubbles often occur when air is found in water supply.

Fact : Broxo salt and various other salt brands are often known to block up in salt tanks. Only use Axal Pro salt. Don't use granular salt. Save €100's on wasted salt and call outs.

Households using our metered systems have an average water use of 250 litres per day usually ranging from 100- 400 ltrs. Nationally, households are metered at 400 litres per day. At least 1 in 5 houses have an ongoing toilet leak at some point. When we install or service metered water systems, we can monitor your water usage and track down any costly leaks. **Fact:** toilets are the main cause of undetected leaks, often over 1000 litres per day. **Fact:** even over 6000 litres per day.

Fact : Toilets are the leading cause of undetected leaks massively multiplying water bills. Advise us quickly of all toilet leaks. Save €1000's on water bills, wasted salt and call outs.

* Heavy rainfall can cause the ingress of coloured bog water tannins - **use a carbon system.** *

* Frost is explicitly excluded from any GWS and manufacturer's warranty cover. **See : gws.ie** *