

V4 SYSTEM



Quality without compromise

ionic
SYSTEMS



V4™ is version 4 of
The Reach & Wash System,
first launched in 1997.



THATCHAM
FMVSS-208
Tested



WELCOME TO THE MEG OHM

The V4™ truck-mount has undergone a complete ground up revision resulting in an impressive 10% weight reduction for improved payload capacity as well as a 100mm lower centre of gravity for improved vehicle handling.

In addition the V4™ boasts tech options to improve filter performance, RO membrane life and water quality.

With new tech such as periodic auto-flush, ROMS™ and PDI™, V4™ water quality moves into the sub zero ppm range.

Window Cleaners are learning more about the spot free benefits of cleaning windows with ultra pure water measured in the meg Ω range and V4™ is taking its place as a premium brand manufacturer. With a 10year stainless steel chassis warranty, FMVSS-208 crash tested design and a host of meg Ω tech V4™ represents the best value for money truck-mount systems in the market.

PFS™ – Periodic Flush System. On start up this feature automatically flushes the Reverse Osmosis Membrane for a period of 2 minutes. Thereafter the RO is flushed for 2 minutes every hour during the filling process.

ROMS™ – Reverse Osmosis Maintenance System. At the end of each tank fill, pure water is diverted to the RO membrane housing. Leaving the RO membrane bathing in pure water between fills ensures that dissolved solids (found in tap water) do not foul the membrane. Further, dissolved solids that are not removed from the membrane surface during Periodic Auto Flush cycles are absorbed by the pure water during the 'rest period' to be flushed away during the first flush on startup.

PDI™ – Perpetual De-ionisation. This feature considerably extends DI resin contact time. Ultra purification is achieved by repeated exposure of purified water to the final DI polishing stage.



THE V4™ SYSTEM OVERVIEW

DIGITAL FLOW CONTROL

Auto-compensating digital flow control allows precise operation of the pumps.

DUAL TDS MONITORING

The TDS of the water at critical stages is monitored.

TANK SIGHT GAUGE

Fast and accurate view of the water level in the tank.

FULLY BAFFLED TANK

Black polypropylene tank with advanced baffling for increased vehicle stability.

TWIN PUMPS

The V4™ has two independently controlled pumps allowing more than one pole to be used at the same time.

BATTERY CHARGER

Integrated mains-powered CTEK battery charger. (Optional)



The stainless steel chassis, along with any stainless steel filters are covered by our 10-year warranty

STAINLESS STEEL CHASSIS

Covered by our 10-year warranty.

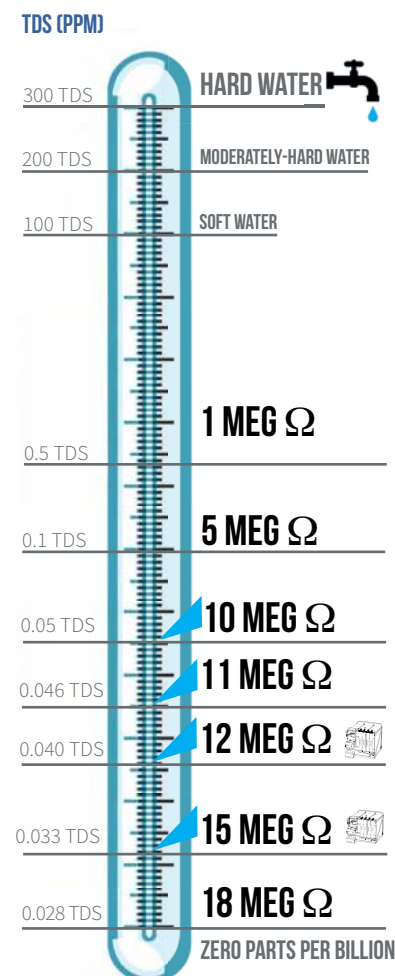
EASY REFILLABLE FILTERS

The filter media cartridge is simply replaced when spent.

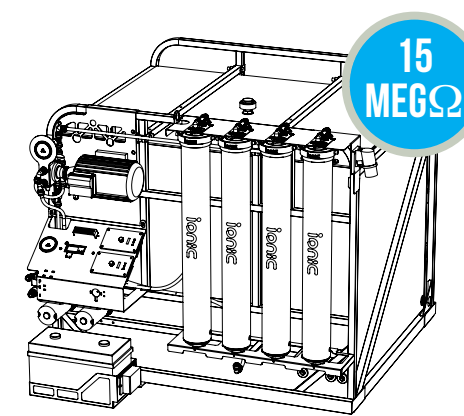
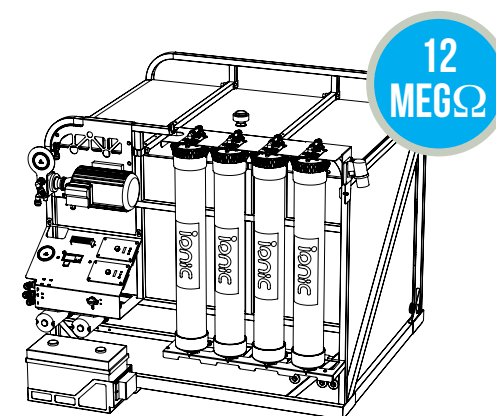


THE MEG Ω DIFFERENCE

The Meg Ω is a small unit of measure, but ultra pure water in the Meg Ω range delivers faster, better spot free results. You can and your customers can see with their eyes.



V4 CONFIGURATIONS

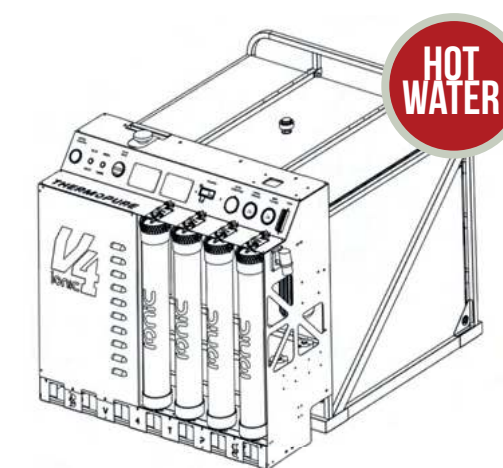


FUSION™

FUSION™ is a high performance, fully automatic five-stage RO/DI system with 240v mains powered boosted fill, PFS™, ROMS™, & PDI™ are all standard features on the Ionic FUSION™ System. (Pure water production up to 6 ltrs per min dependent upon mains water supply)

FUSION™ 'S'

FUSION 'S'™ is an ultra high performance system designed for the most demanding customers as well as the Worlds hottest climates. With fully automatic five-stage RO/DI system with 240v mains powered boosted fill, PFS™, ROMS™, & PDI™ and of course Stainless Steel filter housings, all standard features on the Ionic FUSION 'S'™ System. (Pure water production up to 9 ltrs per min dependent upon mains water supply)



V4 THERMOPURE™

The V4 Thermopure™ fills the gap between the Zero™ with 0PPB water quality and Ionic's cold water V4™. Previously if you wanted hot water then your only option was to run a HotBox™ alongside. Now rolled into one great looking, space saving package the V4 Thermopure™ has the look of the more expensive Zero™ but with a lower price tag. The stainless-steel construction will remain corrosion free, outlasting your vehicles many times over. A crash tested Ionic system will last the whole of your window cleaning career and prove to be by far the most cost-effective choice.



Available as Fusion™ & Fusion 'S'™ configurations

V4™

AS STANDARD...

Heavy Duty Stainless Steel, fully Welded, Crash-test Certified Component Chassis to FMVSS-208 Standard.

FMVSS-208 Cast Mounting Brackets

Hi-Density Polypropylene Spark Tested Baffled Tank Automatic Fill Shut Off

Auto-compensating Pump Flow Control

THATCHAM
FMVSS-208
Tested

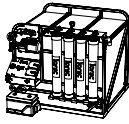





In-line water softeners are highly recommended for use in hard water areas. Visit ionicsystems.com/hardwatermaps to find out if a water softener is recommended for you.

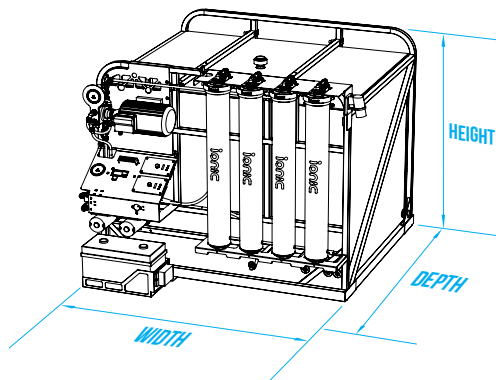


Ionic Water Softeners with WQA certified Resins



	Capacity in Ltrs	Variable Pump Control	Twin 12v Delivery Pumps	Pressure Gauge	Dual TDS Meter	110 ah 12v battery (cold)	150 ah 12v battery (Thermopure)	30" Carbon Filter	30" Sediment Filter	30" DI Filter	4029 RO Filter	Split Charger	Mains CTEK charger	PDJ™	PFS™	ROMS™	240v Boost Pump	Plastic Filter Housings	Stainless Steel Filter housings	Thermopure (Hot water)
FUSION™ 	300	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	400	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	500	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	600	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	700	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	800	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	900	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
FUSION™ 'S' 	1000	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	300	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	400	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	500	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	600	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	700	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	800	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
FUSION THERMOPURE™ 	900	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	1000	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	500	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	600	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	700	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	800	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	900	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
FUSION 'S' THERMOPURE™ 	1000	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	500	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	600	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	700	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	800	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	900	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●
	1000	●	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●

MACHINE DIMENSIONS



TANK CAPACITY	HEIGHT (mm)		WIDTH (mm)		DEPTH (mm)	
	Cold	Thermopure	Cold	Thermopure	Cold	Thermopure
300 Litres	1108		1129		945	
400 Litres	1108		1129		945	
500 Litre	1108	1090	1129	1224	945	1332
600 Litres	1108	1090	1129	1124	945	1332
700 Litres	1108	1090	1129	1129	945	1332
800 Litres	1108	1090	1129	1129	945	1487
900 Litres	1108	1090	1129	1129	945	1487
1,000 Litres	1108	1090	1129	1129	945	1487

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SYSTEMS

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