



ZERO



 **ionic**[®]
SYSTEMS

Quality without compromise



The Zero™ is the system of choice to deliver spot free results in the shortest time.



**THATCHAM
FMVSS-208
Tested**

**ionic
SYSTEMS**

ZERO™

For 2015 Ionic Systems flagship Zero™ (ppb) 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 Zero™ boasts new tech options to improve filter performance and RO membrane life to deliver ultra pure 18 Meg-ohm water quality. With new tech such as PFS™, ROMS™ and PDI™, Ionic Systems Zero™ delivers spot free results that are unrivalled in the world of waterfed pole cleaning.

Window Cleaners are learning more about the spot free benefits of cleaning windows with ultra pure water measured in the meg Ω range whilst Ionic maintains its position as market leader. With a 10year stainless steel chassis warranty, FMVSS-208 crash tested design and a host of meg Ω tech Ionic Systems are best performing van-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™ – 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 ZERO™ OVERVIEW

DUAL TDS MONITORING

The TDS of the water at critical stages is monitored.

HEATED WATER

The Thermopure™ upgrade provides for heated pure water.

FULLY AUTOMATED FLUSH & REGEN CYCLE

The Zero™ automatically performs the RO flush before each fill.

DIGITAL FLOW CONTROL

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

TEMPERATURE GAUGE

Accurately measures the temperature of water being delivered to the pole.

BATTERY CHARGER

Integrated mains-powered CTEK battery charger.

EASY REFILLABLE FILTERS

The filter media cartridge is simply replaced when spent.

DIGITAL CONTROL PANEL

The unique control panel manages dual pumps and the Zero's automated flush and regen cycle.

REMOTE PUMP ACTIVATION

Each pump may be activated remotely, using the keyfob.

TWIN PUMPS

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

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.

115 AH BATTERY

The Zero is powered by a high capacity lead-acid battery.

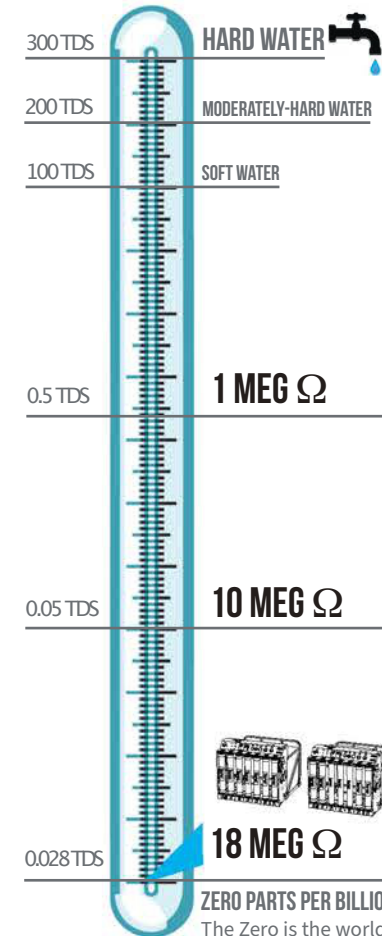


The stainless steel chassis, along with any Stainless steel filters are covered by our 10-Year warranty

THE MEG Ω DIFFERENCE

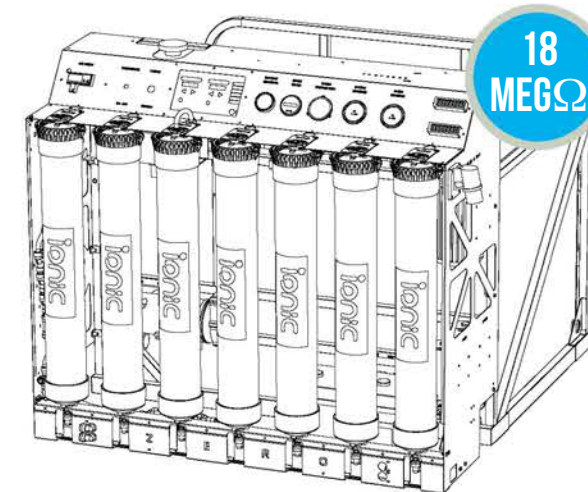
The Meg Ω is a small unit of measure, but ultra pure water in the Meg Ω range delivers faster, better spot free results. You can and your customers can see with their eyes.

TDS (PPM)



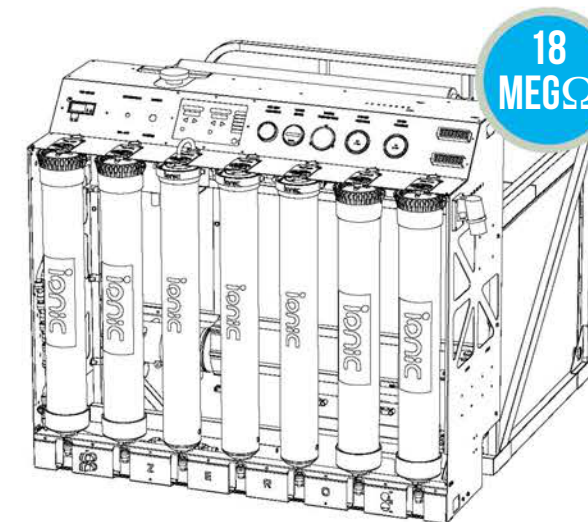
ZERO PARTS PER BILLION
The Zero is the worlds most advanced system, capable of producing water 1000 times purer than PPM

ZERO™ CONFIGURATIONS



ZERO™

With an impressive 8-stage's of water treatment and automated tech including PFS™, ROMS™ & PDI™, the Zero™ represents the very best system for your window cleaning business. Cleaning with 18meg-ohm (0PPB) water is a breeze, powering through years of baked on dirt and the dulling effects of pollution on glass. Whether its an initial clean or a reduced frequency clean, the Zero™ is the system of choice to deliver spot free results in the shortest time. (Pure water production up to 9 ltrs per min dependent upon mains water supply)



ZERO™ 'S'

The Zero™ 'S' model features the same 8-stage water treatment and automated tech to deliver 18 meg-ohm ultra pure water to tackle the most demanding window cleaning tasks. However, the 'S' model also features our high performance Stainless Steel filter housings to turbo charge pure water production. Fitted with boosted fill as standard the 'S' model produces up to 12 litre's of ultra pure water per minute (dependent on mains water supply). The 'S' model is highly recommend for use in countries where summer temperature's rise above 35 degrees C.

ZERO™

AS STANDARD...

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

FMVSS-208 Cast Mounting
Brackets

Remote Pump Control

Hi-Density Polypropylene
Spark Tested Baffled Tank

Automatic Fill Shut Off

Auto-compensating Pump
Flow Control

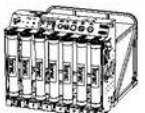
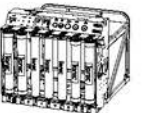


In-line water softeners are
highly recommended for use
in hard water areas. Visit
ionicsystems.com/hardwatermaps
to find out if a water softener
is recommended for your
Zero™ machine.



Ionic Water
Softeners with WQA
certified Resins



	Capacity in Litres	● Standard Feature	○ Optional Extra	2 2 off	Twin 12v Delivery Pumps	Pressure Gauge	Dual TDS Meter	110 amp 12v battery	30" Carbon Filter	30" Sediment Filter	Stainless Steel RO Housings	30" 4029 RO Filter	30" DI Filter	30" NGDI DI Filter	30" UV + Ozone Filter	240v Boost Pump	PFS™	ROMS™	PD™	Thermo-Pure
ZERO™ 	500	●	●	●	●	●	●	●	2			2	●	●	●	●	●	●	●	○
	600	●	●	●	●	●	●	●	2			2	●	●	●	●	●	●	●	○
	700	●	●	●	●	●	●	●	2			2	●	●	●	●	●	●	●	○
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ZERO™ 'S' 	500	●	●	●	●	●	●	●	2	2	2	2	●	●	●	●	●	●	●	○
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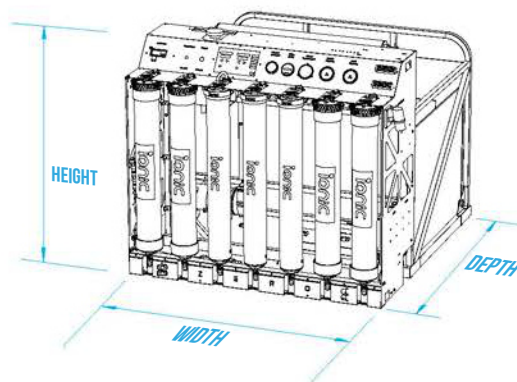
ZERO STANDARD FITMENTS

- ✓ 240v Mains Boost Pump
- ✓ 20ah Battery Charger
- ✓ Battery Split Charger

ZERO UNIVERSAL OPTIONAL EXTRAS

- ✓ Thermo-pure hot water upgrade with 150aH Battery
- ✓ Van-roof 150 watt Solar Panel Battery Charger
- ✓ 2KV Hyundai Inverter Generator with remote start/stop
- ✓ Rear Suspension Upgrade for Load Levelling

MACHINE DIMENSIONS (ALL VARIANTS)



TANK CAPACITY	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)
500Litres	1090	1224	1330
600Litres	1090	1224	1330
700Litres	1090	1224	1330
800Litres	1090	1224	1485
900Litres	1090	1224	1485
1,000Litres	1090	1224	1485



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