



FOAMING SOFT WASH SYSTEMS



ionic
SYSTEMS

Quality without compromise

CONSTANT FLOW

GET STARTED IN SOFTWASHING

Window cleaners are often called upon to spruce up algae covered conservatories, fascia and guttering. Compared to days of old, waterfed poles make access and cleaning of these surfaces easier. However, there has long been a need for a piece of equipment to achieve the customers need for perfection within a shorter timescale and without the risk of damage to delicate finials, guttering and brackets.

Ionic, the first with so many innovations have the perfect solution in the form of the 'Touchless Cleaning' Constant Flow system. Ionic's foaming Contact™ cleaner is simply sprayed onto the affected areas through the versatile Hydra™ (Vertigo Q/R) pole, with a special quick connect foam spray nozzle

The Contact™ foam cleaner (best diluted with pure water) is pumped up the extended pole by the foam generating, re-chargeable battery powered Constant Flow™ pressure vessel.

With the Constant Flow™ unit, automatic smart pressure technology Eliminates manual pumping and produces a continuous equal flow rate.

1 charge can last a full day's use and the tank has a 9.5 litre capacity. The power pack is easy-to-use, it simply attaches it to the tank with just a push and a click, turns on and it automatically starts working.



MANUAL PUMP

High capacity, fewer pumps for higher pressure



STRAIN RELIEF

Stainless steel hose strain relief, avoids kinking and prolongs hose life

AUTOMATIC PRESSURISATION

One button precise pressure control with automatic cut-in and safety shut-off.



QUICK CONNECT POWER PACK

Push-on positive lock with soft touch and easy grip. Automatic pressure relief



RUGGED CONSTRUCTION

Strong 9.5L tank incorporating chemical resistant seals.



LITHIUM ION POWER

Optimised power density with high capacity fast charger

FOAMION

FOR THE SOFT WASH PROFESSIONAL

Foamion™ is a cost effective add on, foaming Soft Wash machine, and it works in conjunction with your existing Reach & Wash® System.

Foamion™ gives the operative the option to mix any chemical product, i.e. Sodium Hypochlorite and Biocides at the point of use. This is a perfect way to apply treatments for algae infestations on render or plastics. Foamion™ can be used to treat moss on roof tiles or apply black spot remover for patios, paths or driveways.

The Foamion™ system can be retro fitted onto the front of many existing van installations. Foamion™ takes a pumped water feed from the existing Reach & Wash® system, which enters through a non-return valve, this eliminates the risk of any chemical contamination of the pure water system and delivery pumps, so window cleaning results are unaffected.

Having the Foamion™ operate in this way, allows a chemical feed and pure water to be applied at the same time allowing operatives to soft wash and window clean simultaneously.

Applying treatments as a foam has multiple benefits, as it gives a longer contact dwell time on a surface. The air infused mix of chemical and water, promotes activation and allows the chemical to work to its optimum performance. Chemical activation is further amplified when mixed with hot pure water up to to 60°C from a Thermopure™ system.

Foamion™ is a battery powered unit, so it can be used self-contained like a Reach & Wash® System.

2 X 5L BOTTLE STORAGE

Holds 2 x 5L cleaning/chemical fluid bottles

AIR ON/OFF

On/Off switch for the built in air compressor

PRESSURE GAUGE

Indicates the systems running pressure

INJECTORS

Large and small chemical injectors (adjustable)

AIR REGULATOR

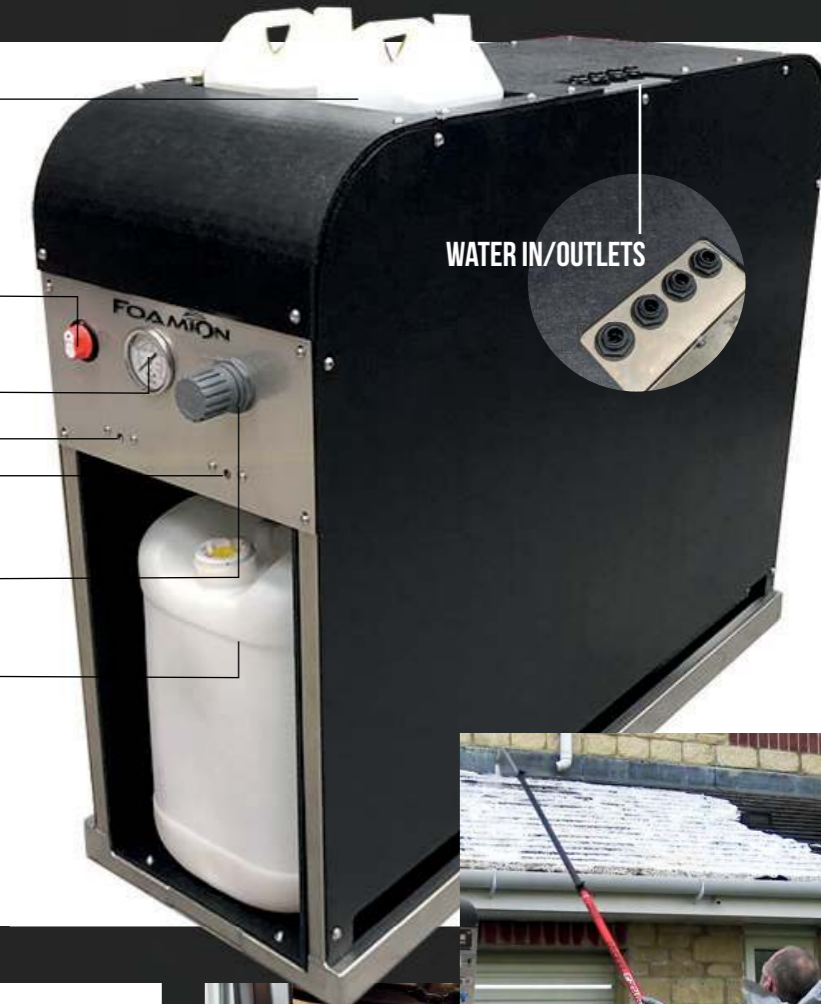
For regulation of the on-board air compressor

25L DRUM STORAGE

Storage for the bulk of the cleaning solution

FLOW VALVES

Side mounted flow valves for chemical injectors.



WATER IN/OUTLETS

Constant Flow™ System	
Dimensions:	H: 600mm W: 280mm D: 250mm
Dry weight:	4.4kg (inc power pack)
Capacity:	9.5 Litres (Easy-Fill extra wide mouth)
Fabrication:	Custom blow molded technology
Material:	High strength chemical and impact resistant
Strength:	Thick walled - high burst pressure > 60 psi
Chemical Resistance:	Highly resistant to a wide range of chemicals
Application Time:	8-10 Hours (Per charge)
Pressure:	Factory Setting 17psi ±1
Battery:	Rechargeable Li-Ion - 5200 mA-hr.
Charge Time:	Approx. 5 Hours
Recharge Method:	Plug-in wall charger
Battery Indicator:	LED: Green-charged. Yellow-1/2 charge. Red-No charge
Manual Pump:	High capacity, fewer strokes for higher pressure
Max Pressure:	>50 psi
Max Flow:	6 L/min
Hose Strain Relief:	Stainless springs



Foamion™ Softwash System	
Dimensions:	H: 920mm W: 1225mm D: 450mm
Weight:	80 kg (Lithium Batteries) 128kg (Lead Batteries)
Power:	12v (options of 2 x Lead acid or 2 x Lithium-ion)
Air pressure control	On-board Isolated air regulator
Max run time	8 hours
Mix Ratio Min	19/1 (5%)
Mix Ratio Max	3/1 (25%)
Cleaning solution capacity	35L (Max)
Frame Construction	Stainless Steel
Outer Construction	Polypropylene
Operating noise level @ 1mtr	<85db
Operating noise level @ 5mtr	<72db
Vehicle Clamping	FMVSS-208 crash tested clamps
Air compressor pressure	142 psi (max)
Compatibility	Compatible with all Reach & Wash systems
Warranty:	10 years (stainless frame)



HYDRA™

The Hydra™ pole can be adapted for use as a Soft wash applicator for the Constant Flow™ Pro & Foamion™ systems.



HYDRA™



HYDRA™

An Ionic Hydra™ waterfed pole with a Vertigo™ quick release head assembly enables the use of the Ionic push-fit spray nozzle. This means you use your favourite Window Cleaning pole for soft wash jobs too. Simply disconnect the brush and push in the spray nozzle, and in combination with the Constant Flow™ unit you're ready to start soft washing.

For use with the Foamion™ system, a spray lance can be used with any Hydra™ waterfed pole. Temporary removal of the first section of the pole allows for simple connection to high performance soft washing lance. To watch a quick video of how to convert a Hydra™ into a softwash sprayer, scan the QR code.



CONTACT™

Heavy-duty, alkaline detergent formulated for use in the cleaning industry by foam or manual cleaning.

The combination of a wetting agent and water softening compounds make the active ingredients in Contact™ foam cleaner become a vastly better performing cleaning and anti-algae product at lower concentrations.

For professional use only.

CHLORINATED ALKALINE FOAM CLEANER



Key Ingredients: Sodium Hydroxide, Nonionic Surfactant, Sodium Hypochlorite



Ionic Systems Ltd, Westerngate, Hillmead Enterprise Park
Swindon, Wiltshire, SN5 5WN

Telephone: (01793) 871 386

E-mail: info@ionicsystems.com

www.ionicsystems.com



FOAMING SOFT WASH SYSTEMS