



# NEW POLES 2017



**VERTIGO™**  
*PROTECTOR™*



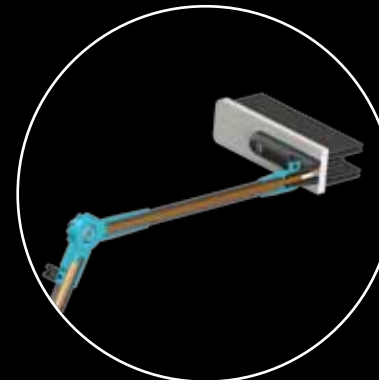
## NEW FOR 2017

2017 is The Reach & Wash® Systems 20th anniversary so this year is Ionic's year of the pole and to celebrate we are introducing not one but two new pole ranges, PROTECTOR™ and VERTIGO™.

The all new VERTIGO™ features new clamps to reduce wear, quick change brush head design, water through angle crank (so no more external hoses to snag), pole handle water shut-off, quick connect hose and a new water delivery system to ensure 100% reaches the glass. In all six patent protected features to enhance your work experience and reduce time on the job have been included.

Despite the best efforts of the Window Industry to warn Window Cleaners about the risk of electrocution too many have lost lives or suffered serious burns whilst using waterfed poles near overhead power-lines of under 1,000volts. Ionic Systems is the only company to have addressed road safety and now Ionic Systems is the only manufacturer to have developed a waterfed pole to address the risk of electrocution.

# VERTIGO™



### SNAG PREVENTION

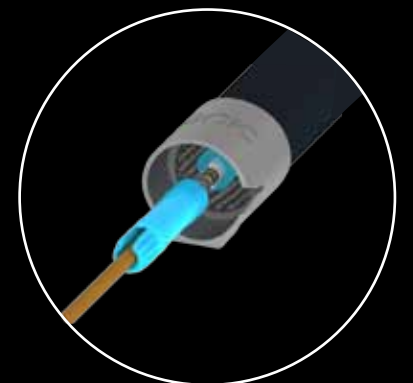
Gone are the ugly water tubes and connectors that stick out at the top of the pole. Its goodbye to snagging in trees, bushes and parts of the building and its goodbye to associated leaks. Our new patented design carries the water through the angle crank directly to the new quick release brush-head design.

### TUBELESS QUICK CONNECTION

Push fit style connection allows for quick connection to and from the pole, saving you time and money. The twist and lock feature within the protective housing prevents accidental separation during use.

### WATER FLOW SHUT OFF

Allows the user the shut the water flow off by crimping the tube, meaning the pole can be left unsupervised with no water flowing, reducing unnecessary water usage and saving money.



### ROTATIONAL HEAD

Transverse clamp built into the carbon gooseneck allows the brush head to be removed, rotated and re-clamped quickly. This allows the operator to use the brush head in the vertical plane, a useful feature for a variety of cleaning situations.

### SPRING LOADED

Combined with wear resistant telescopic tubes Ionic's new patented spring assisted pole clamp ensures smooth action whilst minimising wear in the pole sections. While other designs ensure that poles remain clamped as the section wears, our focus was to engineer out factors that contribute to pole tube wear in the first place. In doing so Ionic's new poles last considerably longer, retain their performance and save you money over time.



See more at [ionicsystems.com/vertigo](http://ionicsystems.com/vertigo)

# PROTECTOR™

“

*The safety of the  
people shall be  
the highest law*

- Marcus Tullius Cicero

”



## SAFETY FIRST

Ionic's new PROTECTOR™ is the only waterfed pole in the world to conform to the internationally respected British Standard BS:8020 for hand tools that may come into contact with electricity.

BS:8020 is the specification for insulating hand tools for work on or near conductor rail systems operating at voltages up to up to 1000 V a.c. or 1500 V d.c. Also see IEC 60855 and EN 50508:2011. This is the first waterfed pole to address the electrocution risk that has resulted in severe burns and even fatalities to Window Cleaners. This is particularly important when cleaning photovoltaic panels.

The PROTECTOR™ pole handle is a safety focussed option that can be added to Ionic's new (Vertigo), and existing (Grafter, Glyder, Swift) ranges of waterfed poles, in place of the standard handle section. The PROTECTOR™ enables you to have all the benefits of Ionic's award winning waterfed poles with added protective safety features.

See more at [ionicsystems.com/protector](https://ionicsystems.com/protector)