

AUTOMATIC WIPER SYSTEM

Technical Specification	
Manufactuer	atg UV Technology
Model Number	RQW (Rotary Quartz Wiper)
Description	Automatic Quartz Glass Cleaning System
Materials	
Lead Screw	iglidur® A180
Wiper Carriage	316L Stainless Steel
Wiper Blades	EPDM (Water Industry & WRAS Approved Material)
Technical	
Operation	Embedded Pulse Technology (optical pulse count technology)
Cleaning Cycle	Set By User (5 Minutes to 24 Hour)
IP Rating	IP54
Drive	Direct Drive With Lead Screw Design
Motor	24 V dc
Consumption	24 W
Cables Required	2 Core For Motor & 3 Core For Opto Pulse
Cable Distance	5 Metres Standard (Other Lengths Available On Request) Fail Safe Signal Transmission Regardless of Cable Length
Maintenance	Annual Service Recommended To Ensure Maximum Performance
Compatible With	Spectra II & Spectra II Touch
Key Features	
E-Pulse Technology	An 'optical counter' design used to stop the wiping mechanism before it reaches the chamber end, removing the requirement for external proximity switches and internally located magnets or sensors.
Automatic Restart	Automatic recovery from power loss with a permanent memory of location & travel direction stored in the processor
Reduced Components	Wiper blades fit directly onto the wiper carriage, reducing the number of components and the risk of equipment failure
Chemical Free Design	Robust and effective chemical free design
Seal Arrangment	Unique double seal and bearing housing for longer life
Wiper Motor	A low voltage motor leads to safer, smaller & cost effective wiper option without impacting on performance
Operator Friendly	Simple to use, maintain and can be manually overridden
Retofits	Most systems have the option to be upgraded with a RQW system

COMPONENTS & ASSEMBLY

