The Wafer™ generator differs from any other UV generator currently on the market, with a unique UV chamber that offers the most compact UV disinfection generator available today. At about one third of the size of comparative UV offerings, and with a significantly reduced maintenance envelope, the Wafer generator delivers an easy to install and retrofit solution that will fit the tightest of mechanical rooms.

Not only does the Wafer UV generator represent the most compact UV solution available on the market, it features a hydraulically optimized generator design and leading polychromatic lamp technology, making it one of the most efficient and highest performing generators as well. The Wafer generator is designed to provide 99.9% inactivation of chlorine-resistant microorganisms such as Cryptosporidium and Giardia.

Operators will also benefit from the inclusion of the Spectra control system as standard, which includes a wide range of features such as a data stream monitoring, process interlocks and programmable set points. A key Spectra control feature includes variable power stepping from 100% to 35% at no extra cost, allowing operators to optimize the operational power of their system to match bather loads and pool operating schedules.

In addition, the Spectra controller features a reactive boost function that automatically operates the lamps at maximum power from a combined chlorine alarm signal, when teamed with a suitable chlorine controller. This is a feature specifically designed for swimming pool applications to break down problematic chloramines as soon as they are detected, significantly improving water quality and eliminating the cause of strong chemical smells, red burning eyes, itchy skin and natatorium corrosion.
**UV GENERATOR**

**WF-115-3**
- Lamp Power Range (kW): 0.45 - 1.5
- Lamp Nom. V: 200V
- Lamp Nom. I: 7.5A
- Lamp Life: 9,000 Hours
- Lamp Number: 1
- Lamp Life: 9,000 Hours
- UV Monitoring: AT-900 - ONorm Validated Probe
- Number of Sensors: 1
- Variable Power: 100% to 30% Power (Automatic Dose Pacing)
- Connection Size (mm/inch): DN 80/3"
- Connection Type: USA (ANSI 150) / RoW (EN1092-1-BS4504)
- Material Construction: 316L Stainless Steel
- Internal / External Finish: Electropolished
- Internal Surface Finish: 3.2 Ra
- Lamp and Wiper Access: Single Ended Access
- Mounting: Fixed Brackets
- Wiper System: Automatic Wiper System
- Temperature Probe: AT-487 (PT-100)
- Vent Port: USA (1/2” NPT) / RoW (1/2”) Air Release Valve Supplied for Horizontal Installations
- Drain Port: USA (1/4” NPT) / RoW (1/4” BSP)
- Sacrificial Anode: USA (1/2” NPT Included) / RoW (None)
- Ingress Protection: IP 55
- Installation: Vertical or Horizontal (Lamps Must be Horizontal)

**WF-115-4**
- Lamp Power Range (kW): 0.45 - 1.5
- Lamp Nom. V: 330V
- Lamp Nom. I: 7.5A
- Lamp Life: 9,000 Hours
- UV Monitoring: AT-900 - ONorm Validated Probe
- Number of Sensors: 1
- Variable Power: 100% to 30% Power (Automatic Dose Pacing)
- Connection Size (mm/inch): DN 100/4"
- Connection Type: USA (ANSI 150) / RoW (EN1092-1-BS4504)
- Material Construction: 316L Stainless Steel
- Internal / External Finish: Electropolished
- Internal Surface Finish: 3.2 Ra
- Lamp and Wiper Access: Single Ended Access
- Mounting: Fixed Brackets
- Wiper System: Automatic Wiper System
- Temperature Probe: AT-487 (PT-100)
- Vent Port: USA (1/2” NPT) / RoW (1/2”) Air Release Valve Supplied for Horizontal Installations
- Drain Port: USA (1/4” NPT) / RoW (1/4” BSP)
- Sacrificial Anode: USA (1/2” NPT Included) / RoW (None)
- Ingress Protection: IP 55
- Installation: Vertical or Horizontal (Lamps Must be Horizontal)

**WF-125-6**
- Lamp Power Range (kW): 0.75 - 2.5
- Lamp Nom. V: 200V
- Lamp Nom. I: 7.5A
- Lamp Life: 9,000 Hours
- UV Monitoring: AT-900 - ONorm Validated Probe
- Number of Sensors: 1
- Variable Power: 100% to 30% Power (Automatic Dose Pacing)
- Connection Size (mm/inch): DN 150/6"
- Connection Type: USA (ANSI 150) / RoW (EN1092-1-BS4504)
- Material Construction: 316L Stainless Steel
- Internal / External Finish: Electropolished
- Internal Surface Finish: 3.2 Ra
- Lamp and Wiper Access: Single Ended Access
- Mounting: Fixed Brackets
- Wiper System: Automatic Wiper System
- Temperature Probe: AT-487 (PT-100)
- Vent Port: USA (1/2” NPT) / RoW (1/2”) Air Release Valve Supplied for Horizontal Installations
- Drain Port: USA (1/4” NPT) / RoW (1/4” BSP)
- Sacrificial Anode: USA (1/2” NPT Included) / RoW (None)
- Ingress Protection: IP 55
- Installation: Vertical or Horizontal (Lamps Must be Horizontal)

**WF-215-6**
- Lamp Power Range (kW): 0.75 - 2.5
- Lamp Nom. V: 330V
- Lamp Nom. I: 7.5A
- Lamp Life: 9,000 Hours
- UV Monitoring: AT-900 - ONorm Validated Probe
- Number of Sensors: 1
- Variable Power: 100% to 30% Power (Automatic Dose Pacing)
- Connection Size (mm/inch): DN 150/6"
- Connection Type: USA (ANSI 150) / RoW (EN1092-1-BS4504)
- Material Construction: 316L Stainless Steel
- Internal / External Finish: Electropolished
- Internal Surface Finish: 3.2 Ra
- Lamp and Wiper Access: Single Ended Access
- Mounting: Fixed Brackets
- Wiper System: Automatic Wiper System
- Temperature Probe: AT-487 (PT-100)
- Vent Port: USA (1/2” NPT) / RoW (1/2”) Air Release Valve Supplied for Horizontal Installations
- Drain Port: USA (1/4” NPT) / RoW (1/4” BSP)
- Sacrificial Anode: USA (1/2” NPT Included) / RoW (None)
- Ingress Protection: IP 55
- Installation: Vertical or Horizontal (Lamps Must be Horizontal)

**WF-215-8**
- Lamp Power Range (kW): 0.75 - 2.5
- Lamp Nom. V: 400V
- Lamp Nom. I: 7.5A
- Lamp Life: 9,000 Hours
- UV Monitoring: AT-900 - ONorm Validated Probe
- Number of Sensors: 1
- Variable Power: 100% to 30% Power (Automatic Dose Pacing)
- Connection Size (mm/inch): DN 200/8"
- Connection Type: USA (ANSI 150) / RoW (EN1092-1-BS4504)
- Material Construction: 316L Stainless Steel
- Internal / External Finish: Electropolished
- Internal Surface Finish: 3.2 Ra
- Lamp and Wiper Access: Single Ended Access
- Mounting: Fixed Brackets
- Wiper System: Automatic Wiper System
- Temperature Probe: AT-487 (PT-100)
- Vent Port: USA (1/2” NPT) / RoW (1/2”) Air Release Valve Supplied for Horizontal Installations
- Drain Port: USA (1/4” NPT) / RoW (1/4” BSP)
- Sacrificial Anode: USA (1/2” NPT Included) / RoW (None)
- Ingress Protection: IP 55
- Installation: Vertical or Horizontal (Lamps Must be Horizontal)

**WF-225-8**
- Lamp Power Range (kW): 0.75 - 2.5
- Lamp Nom. V: 400V
- Lamp Nom. I: 7.5A
- Lamp Life: 9,000 Hours
- UV Monitoring: AT-900 - ONorm Validated Probe
- Number of Sensors: 1
- Variable Power: 100% to 30% Power (Automatic Dose Pacing)
- Connection Size (mm/inch): DN 200/8"
- Connection Type: USA (ANSI 150) / RoW (EN1092-1-BS4504)
- Material Construction: 316L Stainless Steel
- Internal / External Finish: Electropolished
- Internal Surface Finish: 3.2 Ra
- Lamp and Wiper Access: Single Ended Access
- Mounting: Fixed Brackets
- Wiper System: Automatic Wiper System
- Temperature Probe: AT-487 (PT-100)
- Vent Port: USA (1/2” NPT) / RoW (1/2”) Air Release Valve Supplied for Horizontal Installations
- Drain Port: USA (1/4” NPT) / RoW (1/4” BSP)
- Sacrificial Anode: USA (1/2” NPT Included) / RoW (None)
- Ingress Protection: IP 55
- Installation: Vertical or Horizontal (Lamps Must be Horizontal)

**WF-230-10**
- Lamp Power Range (kW): 0.90 - 3.0
- Lamp Nom. V: 400V
- Lamp Nom. I: 7.5A
- Lamp Life: 9,000 Hours
- UV Monitoring: AT-900 - ONorm Validated Probe
- Number of Sensors: 1
- Variable Power: 100% to 30% Power (Automatic Dose Pacing)
- Connection Size (mm/inch): DN 250/10"
- Connection Type: USA (ANSI 150) / RoW (EN1092-1-BS4504)
- Material Construction: 316L Stainless Steel
- Internal / External Finish: Electropolished
- Internal Surface Finish: 3.2 Ra
- Lamp and Wiper Access: Single Ended Access
- Mounting: Fixed Brackets
- Wiper System: Automatic Wiper System
- Temperature Probe: AT-487 (PT-100)
- Vent Port: USA (1/2” NPT) / RoW (1/2”) Air Release Valve Supplied for Horizontal Installations
- Drain Port: USA (1/4” NPT) / RoW (1/4” BSP)
- Sacrificial Anode: USA (1/2” NPT Included) / RoW (None)
- Ingress Protection: IP 55
- Installation: Vertical or Horizontal (Lamps Must be Horizontal)

**WF-430-12**
- Lamp Power Range (kW): 0.90 - 3.0
- Lamp Nom. V: 400V
- Lamp Nom. I: 7.5A
- Lamp Life: 9,000 Hours
- UV Monitoring: AT-900 - ONorm Validated Probe
- Number of Sensors: 1
- Variable Power: 100% to 30% Power (Automatic Dose Pacing)
- Connection Size (mm/inch): DN 300/12"
- Connection Type: USA (ANSI 150) / RoW (EN1092-1-BS4504)
- Material Construction: 316L Stainless Steel
- Internal / External Finish: Electropolished
- Internal Surface Finish: 3.2 Ra
- Lamp and Wiper Access: Single Ended Access
- Mounting: Fixed Brackets
- Wiper System: Automatic Wiper System
- Temperature Probe: AT-487 (PT-100)
- Vent Port: USA (1/2” NPT) / RoW (1/2”) Air Release Valve Supplied for Horizontal Installations
- Drain Port: USA (1/4” NPT) / RoW (1/4” BSP)
- Sacrificial Anode: USA (1/2” NPT Included) / RoW (None)
- Ingress Protection: IP 55
- Installation: Vertical or Horizontal (Lamps Must be Horizontal)