

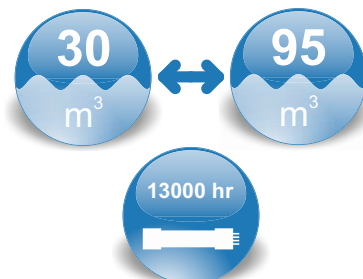
# Serie Sirius UV LP

UV LP Sirius Series

## Sirius UV LP INOX



## Sirius UV LP PE



Alta tecnología,  
desinfección Ultravioleta

High Technology,  
Ultraviolet disinfection

### VENTAJAS / ADVANTAGES

- Flujostato integrado.
- Pantalla táctil TFT 3.4" monocromo
- Contador de horas de funcionamiento, supervisión del estado de la lámpara, detección de alarmas.
- Balasto electrónico de alta eficiencia (+90%)

- Integrated Flow Switch.
- 3.4" TFT monochrome touchscreen.
- Lamp hour counter, lamp state monitoring, alarm detection.
- High efficiency electronic ballast (+90%).

### DESCRIPCIÓN

-Sistemas-UV con lámparas de HO LP para aplicaciones en piscinas comerciales.

-Flujo de hasta 95 m<sup>3</sup> / h con dosis de 30 mJ/cm<sup>2</sup>.

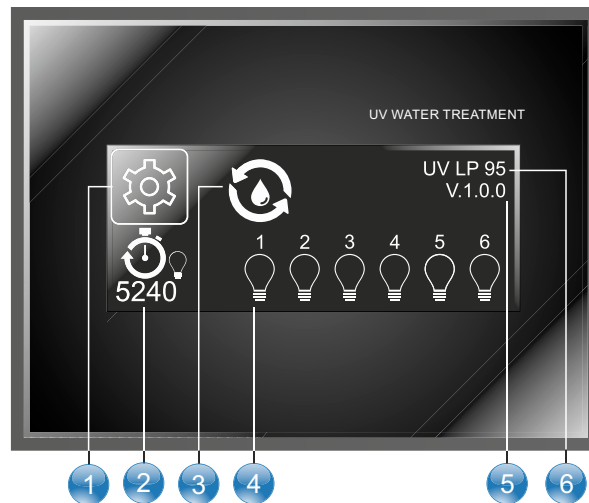
-Reactor construido totalmente en acero inoxidable AISI 316, acero inoxidable o de polietileno, Ø200/250 mm.

### DESCRIPTION

-UV systems with HO LP lamps for applications in commercial pools

-Flow rates up to 95 m<sup>3</sup>/h with dose of 30 mJ/cm<sup>2</sup>.

-Reactor built entirely in AISI 316, stainless steel or Polyethylene, Ø200/250 mm.



## PANELES DESCRIPTIVOS/ PANELS DESCRIPTIONS

**1. Configuración**

Configuration

**2. Horas de servicio**

Service hours

**3. Detector de flujo**

Flow detector

**4. Indicador lampara "ON"**

Lamp "ON" indicator

**5. Versión del Firmware**

Firmware version

**6. Modelo**

Model

Idegis UV LP Sirius Series

**Sirius UV LP POLYETHYLENE**



Referencia-Reference

UV LP PE

**Sirius LP P35**  
**Sirius LP P45**  
**Sirius LP P60**  
**Sirius LP P70**

UV-C

UV

3X90 W / 90 W (UVC)  
 4X90 W / 120 W (UVC)  
 5X90 W / 150 W (UVC)  
 6X90 W / 180 W (UVC)

Caudal-Flow  
30mJ/cm<sup>2</sup>

Hasta  
Up to

35 m<sup>3</sup>/hr  
 45 m<sup>3</sup>/hr  
 60 m<sup>3</sup>/hr  
 70 m<sup>3</sup>/hr

Caudal-Flow  
60mJ/cm<sup>2</sup>

Hasta  
Up to

18 m<sup>3</sup>/hr  
 30 m<sup>3</sup>/hr  
 37 m<sup>3</sup>/hr  
 43 m<sup>3</sup>/hr

**Sirius UV LP AISI316L**



UV LP AISI

**Sirius LP 45**  
**Sirius LP 65**  
**Sirius LP 85**  
**Sirius LP 95**

UV

3X90 W / 90 W (UVC)  
 4X90 W / 120 W (UVC)  
 5X90 W / 150 W (UVC)  
 6X90 W / 180 W (UVC)

Hasta  
Up to

45 m<sup>3</sup>/hr  
 65 m<sup>3</sup>/hr  
 85 m<sup>3</sup>/hr  
 95 m<sup>3</sup>/hr

Hasta  
Up to

22 m<sup>3</sup>/hr  
 30 m<sup>3</sup>/hr  
 37 m<sup>3</sup>/hr  
 43 m<sup>3</sup>/hr

# Serie

# UV LP

## UV LP Series

### SIRIUS UV LP 316

Modelo / Model

| Descripción/Description  | UV LP 45 60344  | UV LP 65 60345  | UV LP 85 60346  | UV LP 95 60347  |
|--|---|---|---|---|
| Caudal/Flow (@ 35 mJ/cm <sup>2</sup> )<br>agua dulce / freshwater(1) | 198 gpm<br>45 m <sup>3</sup> /h   | 286 gpm<br>65 m <sup>3</sup> /h                       | 374 gpm<br>85 m <sup>3</sup> /h                       | 418 gpm<br>95 m <sup>3</sup> /h                       |
| Caudal/Flow (@ 60 mJ/cm <sup>2</sup> )<br>agua dulce / freshwater(1) | 97 gpm<br>22 m <sup>3</sup> /h  | 132 gpm<br>30 m <sup>3</sup> /h                       | 163 gpm<br>37 m <sup>3</sup> /h                       | 189 gpm<br>43 m <sup>3</sup> /h                       |
| Material/Material  |   |   |   |   |
| Panel de control/Control panel                                       | Metálico, RAL recubrimiento de resina de poliéster-epoxi/Metallic, polyester-epoxy resin coating RAL 7035 / IP65  |   |   |   |
| Reactor UV/UV reactor  | AISI-316L   |   |   |   |
| Control panel (len./dim.)  | 23.6" x 19.7" x 7.9"<br>600 x 500 x 200 mm.   |   |   |   |
| UV reactor (len./dim.)   | 42.9" / 8.03"<br>1092 / 204 mm.   |   |   |   |
| Entrada-Salida/Inlet-Outlet  | Rosca/Male thread G2 <sup>1/2"</sup>  |   |   |   |
| Max. presión N/Max. rated pressure                                   | 50 psi /3.45 bar  |   |   |   |
| Pérdida de carga/Head loss   | 0.03 psi @ 198 gpm<br>0.03 psi @ 45 m <sup>3</sup> /h   | 0.07 psi @ 286 gpm<br>0.07 psi @ 65 m <sup>3</sup> /h | 0.11 psi @ 375 gpm<br>0.11 psi @ 85 m <sup>3</sup> /h | 0.14 psi @ 418 gpm<br>0.14 psi @ 95 m <sup>3</sup> /h |
| Voltaje/Voltage  | 230 VAC / 50-60 Hz. / 1-phase   |   |   |   |
| Potencia Nominal/Rated Power (W)                                     | 270   | 360   | 450   | 540   |
| Balasto/Electronic ballasts  | 3   | 4   | 5   | 6   |
| UV-C Power (W)   | 90  | 120   | 150   | 180   |
| lámpara/Lamps  | 3   | 4   | 5   | 6   |
| Tiempo de vida/Lifetime  | 13.000 horas/hours  |   |   |   |
| Refrigeración/Cooling  | Panel: Autoventilado/self-cooled - Balasto: disipador de aluminio/Ballast: aluminium heatsink   |   |   |   |
| Control monitor  | 3.4 "pantalla táctil TFT monocromo (200x80 Pixeles) - 3.4" TFT monochrome touchscreen (200x80 pixeles)<br>Contador de horas de la lámpara - Lamp hour counter<br>Supervisión del estado de la lámpara - Lamp state monitoring<br>detección de alarmas - Alarm detection |   |   |   |
| Entradas/Control inputs  | Dos (2) contactos libres de potencial: Flujoestado y UV cubierta del reactor - Two (2) potential-free contacts: flow switch and UV reactor cover  |   |   |   |
| Salidas/Control outputs  | Un (1) contacto libre de potencial: alarma / One (1) potential-free contact: alarm  |   |   |   |

### SIRIUS UV LP PE

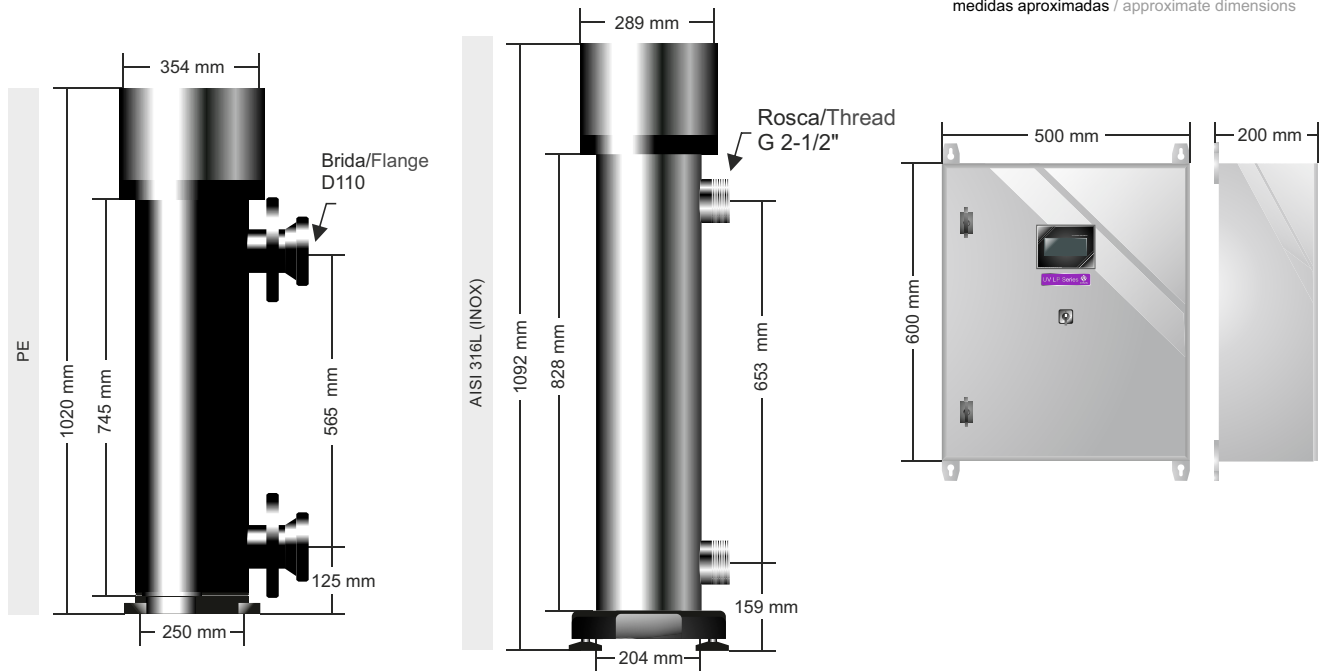
Modelo / Model

| Descripción/Description  | UV LP P35 60348   | UV LP P45 60349                                       | UV LP P60 60354                                       | UV LP P70 60358                                       |
|--|---|---|---|---|
| Caudal/Flow (@ 35 mJ/cm <sup>2</sup> )<br>agua dulce / freshwater(1) | 154 gpm<br>35 m <sup>3</sup> /h   | 198 gpm<br>45 m <sup>3</sup> /h                       | 264 gpm<br>60 m <sup>3</sup> /h                       | 308 gpm<br>70 m <sup>3</sup> /h                       |
| Caudal/Flow (@ 60 mJ/cm <sup>2</sup> )<br>agua dulce / freshwater(1) | 79 gpm<br>18 m <sup>3</sup> /h  | 97 gpm<br>22 m <sup>3</sup> /h                        | 132 gpm<br>30 m <sup>3</sup> /h                       | 154 gpm<br>35 m <sup>3</sup> /h                       |
| Caudal/Flow (@ 35 mJ/cm <sup>2</sup> )<br>agua mar / seawater(2)     | 154 gpm<br>26 m <sup>3</sup> /h   | 198 gpm<br>33 m <sup>3</sup> /h                       | 264 gpm<br>45 m <sup>3</sup> /h                       | 308 gpm<br>53 m <sup>3</sup> /h                       |
| Material/Material  |   |   |   |   |
| Panel de control/Control panel                                       | Metálico, RAL recubrimiento de resina de poliéster-epoxi/Metallic, polyester-epoxy resin coating RAL 7035 / IP65  |   |   |   |
| Reactor UV/UV reactor  | POLYETHYLENE  |   |   |   |
| Control panel (len./dim.)  | 23.6" x 19.7" x 7.9"<br>600 x 500 x 200 mm.   |   |   |   |
| UV reactor (len./dim.)   | 40.1" / 9.8"<br>1020 / 250 mm.  |   |   |   |
| Entrada-Salida/Inlet-Outlet  | Bridas / Flanges D110   |   |   |   |
| Max. presión N/Max. rated pressure                                   | 50 psi /3.45 bar  |   |   |   |
| Pérdida de carga/Head loss   | 0.01 psi @ 154 gpm<br>0.01 psi @ 35 m <sup>3</sup> /h   | 0.02 psi @ 198 gpm<br>0.02 psi @ 45 m <sup>3</sup> /h | 0.04 psi @ 264 gpm<br>0.04 psi @ 60 m <sup>3</sup> /h | 0.05 psi @ 308 gpm<br>0.05 psi @ 70 m <sup>3</sup> /h |
| Voltaje/Voltage  | 230 VAC / 50-60 Hz. / 1-phase   |   |   |   |
| Potencia Nominal/Rated Power (W)                                     | 237   | 316   | 395   | 474   |
| Balasto/Electronic ballasts  | 3   | 4   | 5   | 6   |
| UV-C Power (W)   | 90  | 120   | 150   | 180   |
| lámpara/Lamps  | 3   | 4   | 5   | 6   |
| Tiempo de vida/Lifetime  | 13.000 horas/hours  |   |   |   |
| Refrigeración/Cooling  | Panel: Autoventilado/self-cooled - Balasto: disipador de aluminio/Ballast: aluminium heatsink   |   |   |   |
| Control monitor  | 3.4 "pantalla táctil TFT monocromo (200x80 Pixeles) - 3.4" TFT monochrome touchscreen (200x80 pixeles)<br>Contador de horas de la lámpara - Lamp hour counter<br>Supervisión del estado de la lámpara - Lamp state monitoring<br>detección de alarmas - Alarm detection |   |   |   |
| Entradas/Control inputs  | Dos (2) contactos libres de potencial: Flujoestado y UV cubierta del reactor - Two (2) potential-free contacts: flow switch and UV reactor cover  |   |   |   |
| Salidas/Control outputs  | Un (1) contacto libre de potencial: alarma / One (1) potential-free contact: alarm  |   |   |   |

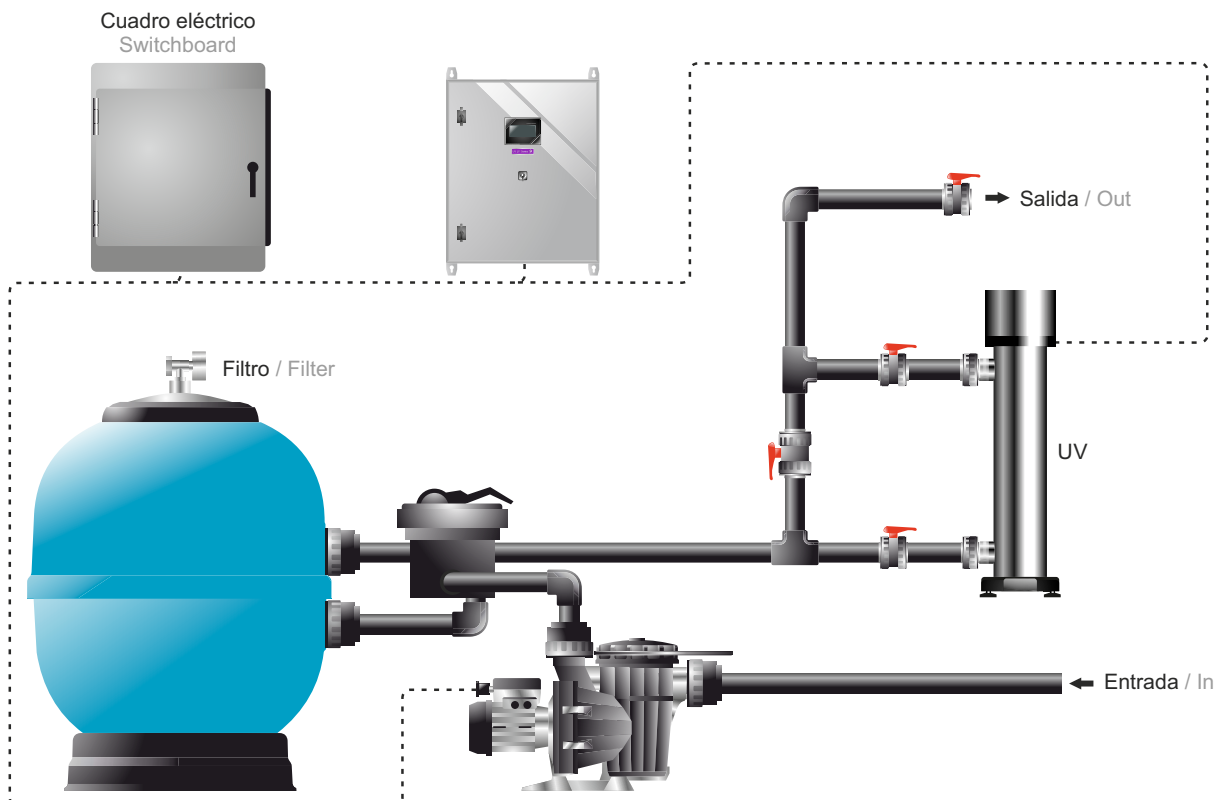
(1)UVT 95%  
(2)UVT 85%

## Dimensiones / Dimensions

medidas aproximadas / approximate dimensions



## Diagrama de instalación / Installation Diagram



For more information visit our website

[www.idegis.es](http://www.idegis.es)



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water**



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