

Specification

WS200 Series Water Disinfection Systems

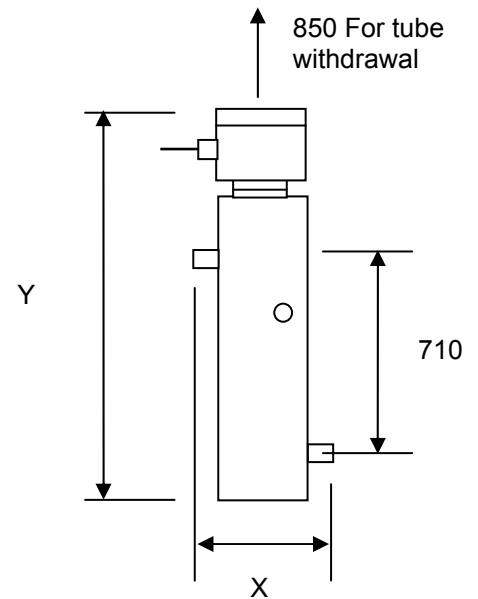
Designed for small flows with simple and reliable operation.
Based on Hanovia high-intensity disinfection arc tube.

Chamber

- 316L SS construction electro-polished & passivated
- High purity quartz thimble
- WRc approved materials
- IP54 or better
- Lamp life 8000 hours
- Operating pressure up to 10 bar, test 15 bar
- Pressure loss <70mbar at max flow

Options

- UV monitor



Model	Inlet/Outlet Connections	Dimension X	Dimension Y	Capacity Q ₁ (m ³ /hr)	Capacity Q ₂ (m ³ /hr)	No of Lamps	Power Consumption Watts
WS202	1" BSP	163	930	2.5	2.5	1	50
WS204	1.5" BSP	200	930	5.0	4.5	1	50
WS206	2" BSP	250	930	8.3	5.5	1	50
WS212	1" BSP	163	930	---	*Q ₃ = 3.0	1	100
WS214	1.5" BSP	200	930	9.0	8.0	1	100
WS216	2" BSP	250	930	17.0	15.0	1	100

All dimensions (mm) are approximate for clearance purposes only. Design improvements might invalidate these dimensions.
Exact drawings available on request

Control Box:

- External on-off switch
- Lamp on indicator
- Lamp fail indicator
- System fail contacts (VFC)
- Hours run counter
- ABS cabinet IP54 or better
- Supply 220/240/110 v 50/60 Hz

Option

- Monitor control with LED intensity indicators
- Low UV contact

Notes

- Q₁ = maximum flow for DI water assuming a UV transmission of 100%
- Q₂ = maximum flow for good quality drinking water assuming a UV transmission better than 95% (10mm cell)
- * Q₃ (212 model only) = maximum flow for T¹⁰ <50%
- Minimum UV dose at the end of lamp life (8000 hours) > 32mJ/cm²
- A sample of water may be supplied to Hanovia for transmission test
- Chamber is best vertically mounted but can be supplied with horizontal mounting brackets as an option.
- Sanitary versions available at extra cost
- Only the sanitary version is suitable for salt water treatment

Hanovia

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