

Industry: Municipal

Industrial 440 Series



**UV 440 SERIES COVERS
A WIDE FLOW RATE
RANGE.**

- **These units are ideal for application like food & beverages, pharma, horticulture, drinking water, industrial in general, from 50 up to 3000 m³/h**
- **ST Evolution panel is the status of art of UV control.**
- **Designed and made by SITA is user friendly with modbus and ethernet connection.**
- **It is perfect as standalone or as part of a complete automatization.**

ROBUST AND USER-FRIENDLY UNITS

The UV dose is controlled by SITA UV sensor through a modern PLC with user friendly touch screen
 We take care of the environment and all the units have a lamp power regulation for an optimized power consumption!
 UV 440 Series is the industrial solution designed for flow rates between 50 and 3000 m³/h.
 Long life amalgam lamps are used in these units.
 L shape configuration to guarantee an excellent disinfection.
 Automatic cleaning system for the quartzes.
 Available on all the units.

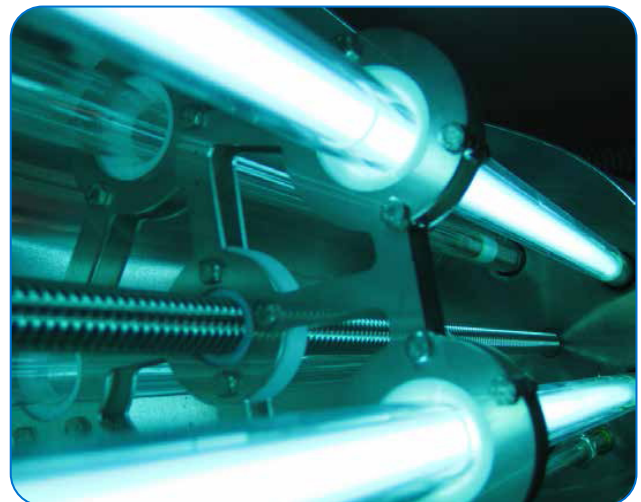
TECHNICAL SPECIFICATIONS

Model	UV 440/1 ST	UV 440/2 ST	UV 440/3 ST	UV 440/4 ST	UV 440/5 ST	UV 440/6 ST	UV 440/8 ST
Flow Rate (m ³ /h (gpm))	50 (220)	110 (484)	160 (704)	260 (1144)	320 (1409)	445 (1959)	630 (2774)
Mounting	horizontal						
Material	stainless steel 316L						
Connections	DN 80	DN 100	DN 150	DN 200	DN 200	DN 250	DN 250
Connection Type	UNI EN 1092-1 PN 10 (other on request)						
Max working pressure (bar/PSI)	10 BAR / 154 PSI (test 45 BAR / 220 PSI)						
Quartz sleeve cleaning system	Automatic wiper available on all the models						
UVC selective sensor	yes on all the models						
Other sensors on request	ÖNORM - DVGW compliant						
Lamp Power Regulation	50-100%						
Control panel type	ECO / ST EVOLUTION				ST EVOLUTION		
Power Supply	230 Vac 50-60 Hz						

Model	UV 440/10 ST	UV 440/12 ST	UV 440/15 ST	UV 440/18 ST	UV 440/22 ST	UV 440/28 ST
Flow Rate (m ³ /h (gpm))	860 (3786)	1250 (5503)	1350 (5944)	1730 (7616)	2200 (9686)	3000 (13208)
Mounting	horizontal					
Material	stainless steel 316L					
Connections	DN 300	DN 400	DN 400	DN 450	DN 450	DN 600
Connection Type	UNI EN 1092-1 PN 10 (other on request)					
Max working pressure (bar/PSI)	10 BAR / 154 PSI (test 45 BAR / 220 PSI)					
Quartz sleeve cleaning system	Automatic wiper available on all the models					
UVC selective sensor	yes on all the models					
Other sensors on request	ÖNORM - DVGW compliant					
Lamp Power Regulation	50-100%					
Control panel type	ST EVOLUTION					
Power Supply	230 Vac 50-60 Hz			400 V - 50-60 Hz		



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S P E C T R A

PROFESSIONAL UV SOLUTIONS

Str. Zizinului, Nr. 110, 500407, Braşov, România
www.spectra.ro / contact@spectra.ro / (+40) 0770-187-379
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