UV 412 LCD²

GENERAL INFORMATION	
Max flow rate	45 l/m
UVC transmittance	99%- 1 cm
UVC dose	300 J/m2
Water Temperature range	5-50° C
Total consumption	44 W
Mounting	Vertical or horizontal

UV REACTOR	
Material	Stainless Steel 304 (optional 316L)
Connections	Thread 1" M
Total Volume	1,8 l
Total weight	2.5 kg
Max working pressure	10 bars g
Protection class	IP 55
Shape	U
Flow direction	From bottom to top

UV LAMP	
Number	1
Lifespan	9000 hr
Lamp power	40 W
Type	Low pressure type 028104

UV SENSOR (ONLY on PLUS MODELS)	
Type	UVC selective sensor Mod. UV737S/TF
Sensor Cable	Shielded cable 4 meters
Sensor holder material	Teflon

CONTROL PANEL	LCD (PLUS)
Material and colour	Black Polypropylene
Dimensions	215 x 215 x 90 mm
Protection class	IP 55 (IP 65 on request)
Ambient temperature range	5 – 45 °C
Power supply	230 V - 50/60 Hz (115V – 50/60 Hz on request)
Lamp cable	1 m
Power supply cable	1 m
Monitor display	LCD SITA
Hour meter	Yes for total system life
Resettable hour meter	Yes for lamp life control
Lamp function control	Yes
Alarm led	Yes
Free contact (NO - NC)	Yes – general alarm (max 2 A)
230 V output (NO - NC)	Yes – general alarm (max 2 A)
Remote ON/OFF contact	Yes (settable)
ON/OFF Timer	Yes (settable)
Reactor temperature measurement and alarm	Yes (°C) – settable value (shut off for high temperature) on PLUS MODELS
UV Irradiance measurement and alarm	Yes (% or W/m² optional) – settable value on PLUS MODELS
4/20 mA output	Optional – for Irradiance and water temperature on PLUS MODELS
Audio alarm	Optional

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