



UV 400/2 ECO Technical Data

GENERAL INFORMATION	
Max flow rate	24 m ³ /h
UVC transmittance	80%- 1 cm
UVC dose	900 J/m ²
Water Temperature range	5-50° C
Total consumption	880 W
Mounting	Horizontal

UV REACTOR	
Material	Stainless Steel 316L
Connections	Flange DN 100 PN 10
Drain/Air Valve	1/2" / 1/2"
Total Volume	54 l
Total weight	59 kg
Max working pressure	10 bars g
Protection class	IP 65
Shape	U
Flow direction	Both directions
Cleaning system	Optional
Quartz sleeve cleaning system	
Manual	Not available
Automatic	Available only with TC version (RA model)

UV LAMP	
Number	2
Lifespan	16000 hrs
Lamp power	400W
Type	LP amalgam lamps type 028118

UV SENSOR	
Type	UVC selective sensor type UV737S
Sensor Cable	Shielded cable 4 meters
Sensor holder material	Stainless steel 316L

CONTROL PANEL	
Material and colour	Painted Steel – RAL 7035
Protection class	IP 54
Ambient temperature range	5 – 45 °C
Power supply	230 V - 50/60 Hz (400 V 3ph+N – 50/60 Hz on request)
Lamp cable	2,5 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/m ² 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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