

SITA UV 80/4 RACK LCD



These systems have a chamber made of stainless steel 304 or 316L, an electrical panel made of plastic material and painted steel. They are designed for use with a water types that have a good transmittance, such as tap water, well water and industrial water.



GENERAL INFORMATION

Max flow rate	30 m ³ /h
UVC transmittance	99%- 1 cm
UVC dose	400 J/m ²
Water Temperature range	5-50° C
Total consumption	355 W
Mounting	vertical

UV LAMP

Number	4
Lifespan	9000 hr
Lamp power	80 W
Type	H0 LP lamp type 028124

UV REACTOR

Material	Stainless Steel 304 (optional 316L)
Connections	DN 80 PN 10/16
Drain/Air Valve	1/8" ½" M thread
Total Volume	17,8 l
Total Weight	20 kg
Max working pressure	10 bars g
Protection class	IP 54
Shape	Z
Flow direction	From bottom to top
Cleaning system	Optional
Quartz sleeve cleaning system Manual	Availabe – RM version (only SS 316L)

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		RACK LCD (PLUS)	
Material and colour		Painted Steel – RAL 7035	
Dimensions		400 x 300 x 200 mm	
Protection class		IP 54	
Ambient temperature range		5 – 45 °C	
Rel. humidity		20-95% non-condensing (condensing on request)	
Power supply		230 V - 50/60 Hz (115V – 50/60 Hz on request)	
Lamp cable		2,5 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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