



UV AM 96 Technical Data

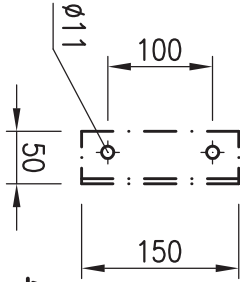
GENERAL INFORMATION	
Max flow rate	96 m3/h
UVC transmittance	98%- 1 cm
UVC dose	400 J/m2
Water Temperature range	5-50° C
Total consumption	666 W
Mounting	Horizontal or vertical
UV REACTOR	
Material	Stainless Steel 316L
Connections	Flange DN 100 PN 10/16
Drain/Air Valve	1/8" / 1/2" M thread
Total Volume	50 l
Total weight	31 kg
Max working pressure	10 bars g
Protection class	IP 65
Shape	L
Flow direction	See drawing
Cleaning system	Optional
Quartz sleeve cleaning system	
Manual	NO
Automatic	Available (RA version - U shape – Horizontal configuration)
UV LAMP	
Number	3
Lifespan	14000 hr
Lamp power	200 W
Type	LO amalgam lamp type 028119
UV SENSOR (ONLY on PLUS MODELS)	
Type	UVC selective sensor type UV737S
Sensor Cable	Shielded cable 4 meters
Sensor holder material	Stainless steel 316L
CONTROL PANEL	
TC PLUS	
Material and colour	Painted Steel – RAL 7035
Protection class	IP 54
Ambient temperature range	5 – 45 °C
Power supply	230 V - 50/60 Hz
Lamp cable length	2,5 m
Monitor display	SITA Touch-Screen (65000 colours)
Multi language display	Yes
Chamber temperature measurement	Yes (°C)
UV irradiance measurement	Yes (% or W/m ²)
Panel temperature measurement	Yes (°C)
Flow-meter connection	Optional (4-20 mA)
UVT reader connection	Optional (4-20 mA)
UV dose calculation	Optional (only with external flow meter)
Hour meters	For total system life – Resettable for lamp life control
Free contact alarms (N/O)	Yes (max 1.3 A)
General alarm	Yes (settable contact working)
System working signal	Yes
High temperature alarm	Yes for panel and reactor (shut off for high temperature)
24 V output	Yes
Low irradiance alarm	Yes (settable value)
Lamps off alarm	Yes
Lamps control on/off	Yes
4/20 mA output	Yes for irradiance and temperature
Remote ON/OFF	Yes (settable contact working)
ON/OFF timer	Yes
Datalog – Events	Yes
Lamp power regulation	Optional (manual or automatic: dose or flow pacing)
Communication ports (protocols)	CAN, Ethernet, USB, Seriale (Modbus, TCP/IP, CANopen)
Remote access	with specific App or WebGate

Edition 03/19

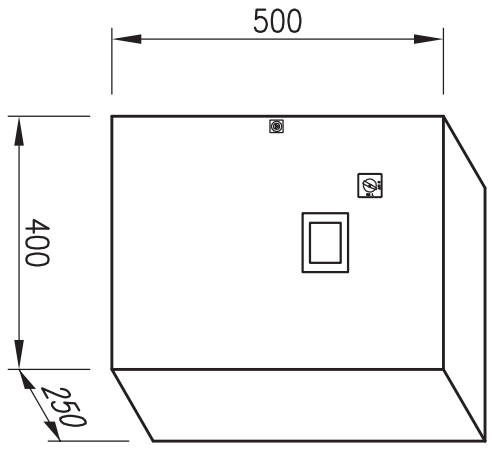
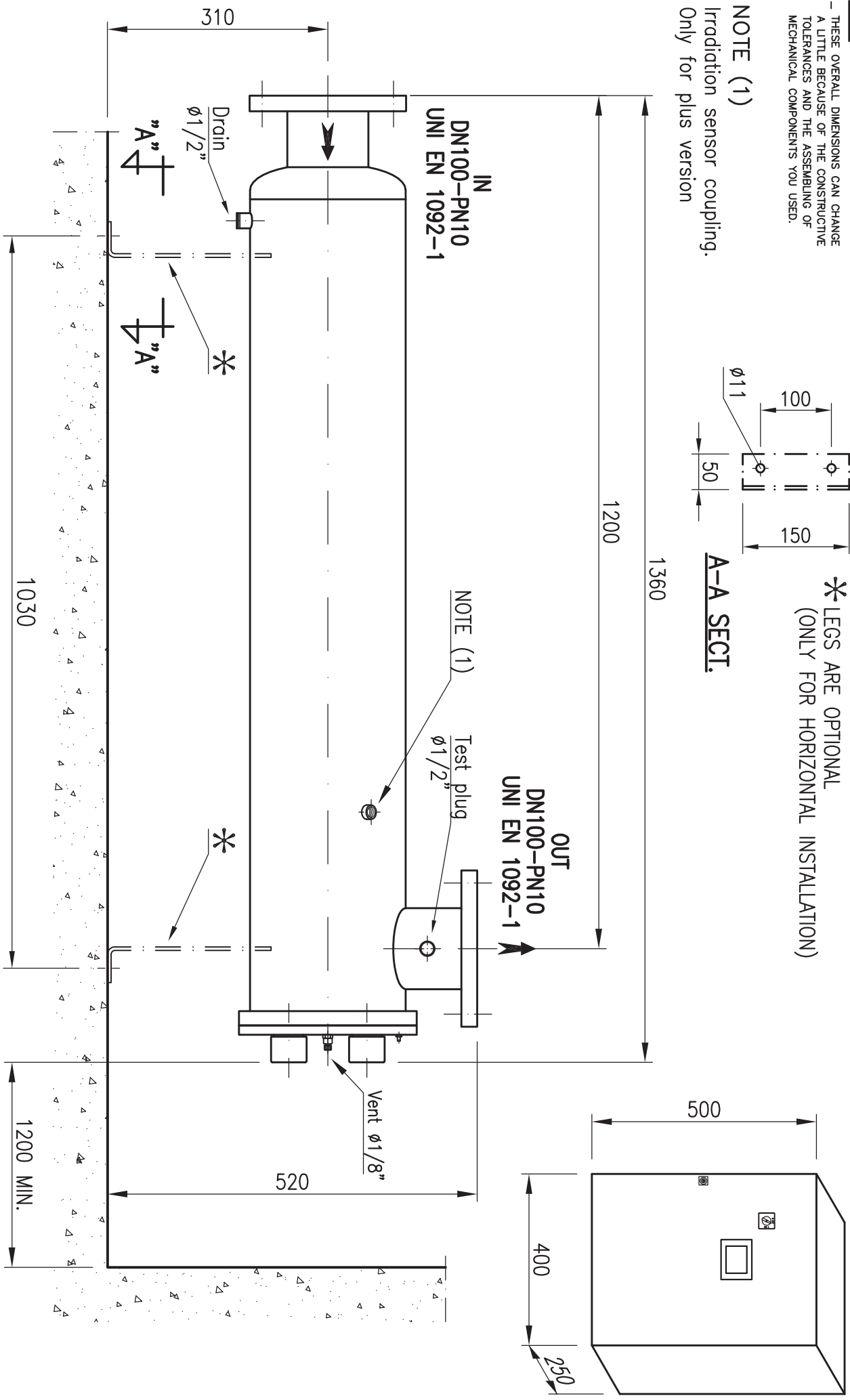
NOTE:
 - THESE OVERALL DIMENSIONS CAN CHANGE
 A LITTLE BECAUSE OF THE CONSTRUCTIVE
 TOLERANCES AND THE ASSEMBLING OF
 MECHANICAL COMPONENTS YOU USED.

NOTE (1)
 Irradiation sensor coupling.
 Only for plus version

* LEGS ARE OPTIONAL
 (ONLY FOR HORIZONTAL INSTALLATION)



A-A SECT.



A	FIRST ISSUE	03/07/19	SCHENONE	MAZZONE
REV.	DESCRIZIONE	DATA	DISGNATO	APPROVATO



Societa' Italiana Trattamento Acque
 +39 0107408848
 info@sifauv.com
 www.sifauv.com

LA SIFA s.r.l. SI RISERVA A TERMINI DI LEGGE LA PROPRIETA' DI QUESTO DISEGNO CON DIVIETO DI RIPRODURLO O DI RENDERSILO COMUNE, NOSTO A TERZI O A DITTE CONCORRENTI SENZA LA SUA AUTORIZZAZIONE SCRITTA

TITOLO	UV-C DISINFECTION UV AM96 MODEL LAY-OUT
CLIENTE	/

CODICE	/
F.to	A4
Scala	/
Foglio	01
di	01