



## UV 80/5 Technical Data

<b>GENERAL INFORMATION</b>	
Max flow rate	40 m3/h
UVC transmittance	99%- 1 cm
UVC dose	400 J/m2
Water Temperature range	5-50° C
Total consumption	444 W
Mounting	vertical

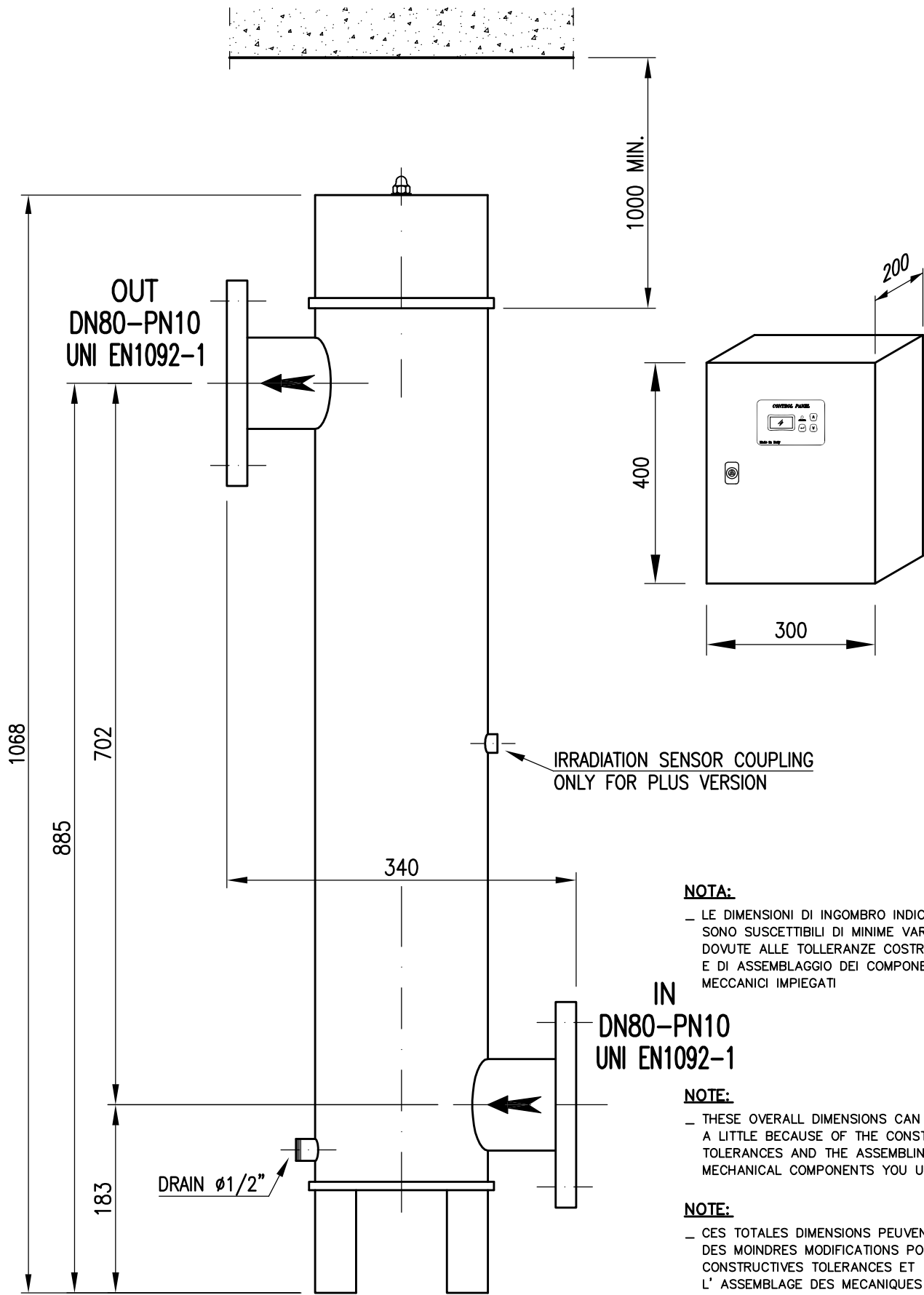
<b>UV REACTOR</b>	
Material	Stainless Steel 304 (optional 316L)
Connections	DN 80 PN10/16
Drain/Air Valve	1/8" 1/2" M thread
Total Volume	17,5 l
Total weight	21 kg
Max working pressure	10 bars g
Protection class	IP 54
Shape	Z
Flow direction	From bottom to top
Cleaning system	Optional
Quartz sleeve cleaning system	
Manual	Availabe – RM version (only SS 316L)

<b>UV LAMP</b>	
Number	5
Lifespan	9000 hr
Lamp power	80 W
Type	HO LP lamp type 028124

<b>UV SENSOR (ONLY on PLUS MODELS)</b>	
Type	UVC selective sensor Mod. UV737
Sensor Cable	Shielded cable 4 meters
Sensor holder material	Stainless steel 316L

<b>CONTROL PANEL</b>	<b>RACK LCD (PLUS)</b>
Material and colour	Painted Steel – RAL 7035
Dimensions	400 x 300 x 200 mm
Protection class	IP 54
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/m <sup>2</sup> 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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IRRADIATION SENSOR COUPLING  
ONLY FOR PLUS VERSION

**NOTA:**

— LE DIMENSIONI DI INGOMBRO INDICATE SONO SUSCETTIBILI DI MINIME VARIAZIONI DOVUTE ALLE TOLLERANZE COSTRUTTIVE E DI ASSEMBLAGGIO DEI COMPONENTI MECCANICI IMPIEGATI


IN  
DN80-PN10  
UNI EN1092-1

**NOTE:**

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

**NOTE:**

— CES TOTALES DIMENSIONS PEUVENT SUBIR DES MOINDRES MODIFICATIONS POUR LES CONSTRUCTIVES TOLERANCES ET L' ASSEMBLAGE DES MECANQUES ELEMENTS UTILISES.

<p><b>A</b> FIRST ISSUE</p>		30/10/14	SCHENONE	MAZZONE
REVISIONE	DESCRIZIONE	DATA	DISEGNATO	APPROVATO
 S.r.l. Società Italiana Trattamento Acque Via Rivarolo, 61 - 16161 Genova Italy - Tel. 0039-10-7406848 / Fax 0039-10-7406851 email info@sitauv.com		<p>TITOLO</p> <p><b>UV-C DISINFECTION UV 80/5 RACK LCD MODEL LAY-OUT</b></p>		<p>CODICE <b>LCD8014RM LCD8015RM (Plus)</b></p>
<p>LA SITA s.r.l. SI RISERVA A TERMINI DI LEGGE LA PROPRIETA' DI QUESTO DISEGNO CON DIVIETO DI RIPRODURLO O DI RENDERLO COMUNQUE NOTO A TERZI O A DITTE CONCORRENTI SENZA LA SUA AUTORIZZAZIONE SCRITTA</p>		<p>F.to <b>A4</b> Scala /</p>	<p>Foglio <b>01</b> di <b>01</b></p>	
<p>CLIENTE /</p>				

NOME FILE: UV 80-5 RM.DWG