

## PE 35 Technical Data

| GENERAL INFORMATION     |           |
|-------------------------|-----------|
| Max flow rate           | 35 m3/h   |
| UVC transmittance       | 99%- 1 cm |
| UVC dose                | 400 J/m2  |
| Water Temperature range | 5-35° C   |
| Total consumption       | 335 W     |
| Mounting                | vertical  |

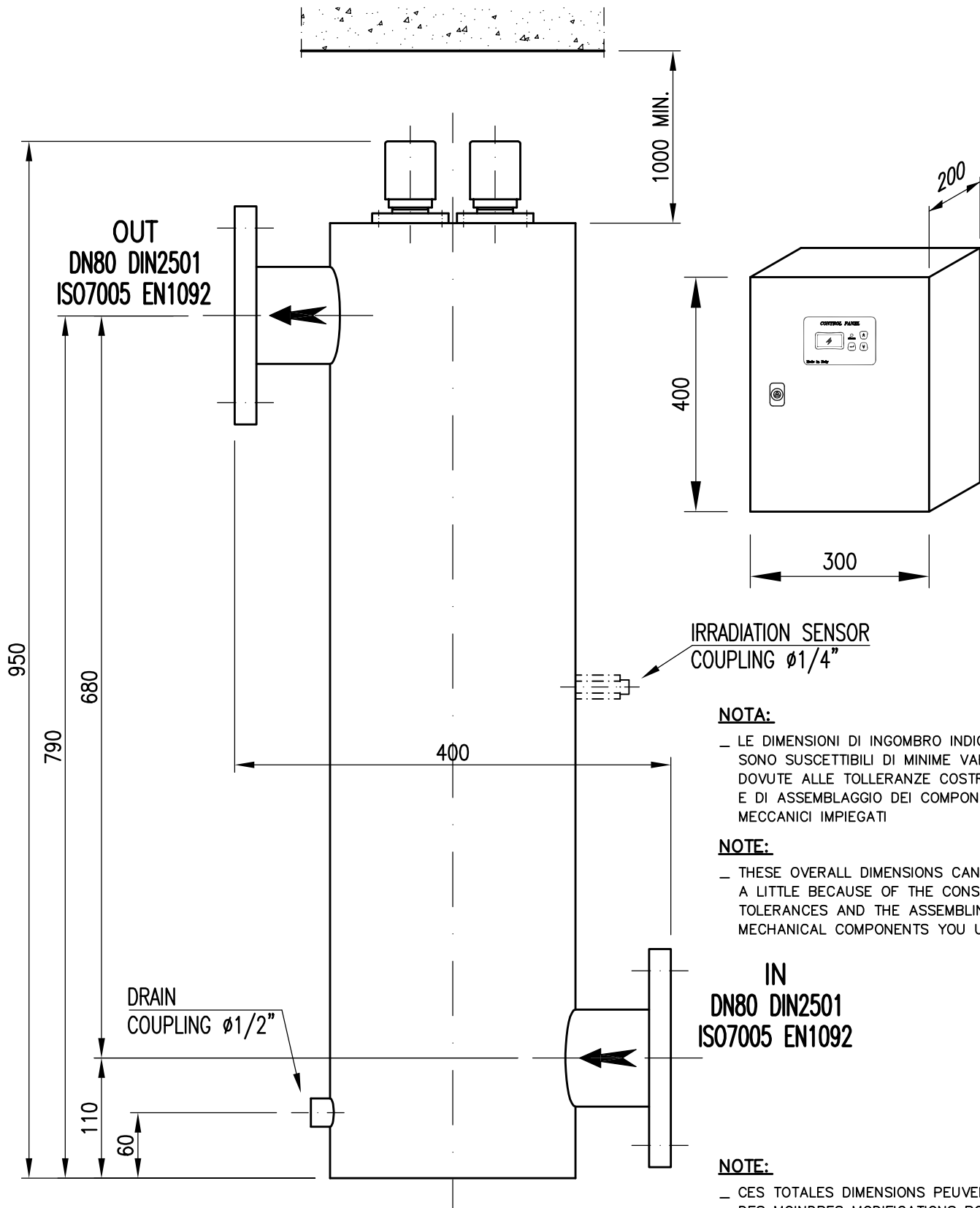
| UV REACTOR                    |                                |
|-------------------------------|--------------------------------|
| Material                      | High Density Polyethylene HDPE |
| Connections                   | Flange DN 80                   |
| Drain/Air Valve               | 1 x ½" F thread                |
| Total Volume                  | 20.1 L                         |
| Total weight                  | 16 Kg                          |
| Max working pressure          | 6 bars g                       |
| Protection class              | IP 65                          |
| Shape                         | Z                              |
| Flow direction                | From bottom to top             |
| Cleaning system               | Optional chemical cleaning     |
| Quartz sleeve cleaning system |                                |
| Manual                        | Available (RM version)         |

| UV LAMP    |                        |
|------------|------------------------|
| Number     | 4                      |
| Lifespan   | 9000 hr                |
| Lamp power | 80 W                   |
| Type       | HO LP lamp type 028124 |

| UV SENSOR (ONLY on PLUS MODELS) |                                 |
|---------------------------------|---------------------------------|
| Type                            | UVC selective sensor Mod. UV737 |
| 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                                                                |
| 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                                                                 |

Rev. 09-2014



**NOTE:**

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

**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.

NOME FILE: UV PE35.DWG

|                                                                                                                                                                                                                                           |             |                                                                  |           |                                  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------|-----------|----------------------------------|--|
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|                                                                                                                                                                                                                                           |             |                                                                  |           |                                  |  |
| A                                                                                                                                                                                                                                         | FIRST ISSUE | 30/10/2014                                                       | SCHENONE  | MAZZONE                          |  |
| REVISIONE                                                                                                                                                                                                                                 | DESCRIZIONE | DATA                                                             | DISEGNATO | APPROVATO                        |  |
|  S.r.l. Società Italiana Trattamento Acque<br>Via Rivarolo, 61 - 16161 Genova Italy - Tel. 0039-10-7406848 / Fax 0039-10-7406851 email info@sita-uv.com |             | TITOLO<br><b>UV-C DISINFECTION<br/>UV PE35 MODEL<br/>LAY-OUT</b> |           | CODICE<br>/                      |  |
| 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                                      |             | CLIENTE<br>/                                                     |           | F.to<br><b>A4</b>                |  |
|                                                                                                                                                                                                                                           |             |                                                                  |           | Foglio<br><b>01</b> di <b>01</b> |  |