

CE-manufacturer's declaration



Manufacturer: PPU Umwelttechnik GmbH
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herewith declares that the technical installation kit of the type Q1+ P
complies with the regulations of the following directives

- | | |
|-------------|---|
| 2006/42/EG | "Directive of the European Parliament and of the council on the approximation of the laws of the Member States relating to machinery" |
| 2006/95/EG | "Council directive relating to electrical equipment designed for use within certain voltage limits" |
| 2004/108/EG | "Council directive relating to electromagnetic compatibility" |
| 97/23/EG | "Directive of the European Parliament and the Council of 29 May 1997 on the approximation of the laws of the Member States concerning pressure equipment".
Mitgliedsstaaten über Druckgeräte" |
| 94/9/EG | "Directive 94/9/EG of the European Parliament and the Council on the approximation of the laws of the Member States concerning equipment and protective systems intended for use in potentially explosive atmospheres (ATEX-directive)" |

Following harmonized standards were applied

- | | |
|--------------------|---|
| EN 60204-1 | "Electrical equipment of machines, part 1: General requirements" |
| EN 61326-1 : 2006 | Electrical equipment for measurement, control and laboratory use -
EMC requirements
Part 1: General requirements (IEC 61326-1:2005) |
| EN 61000-3-3:2008 | Electromagnetic compatibility (EMC) - Part 3-3 |
| EN12100-1 und -2 | Safety of machinery
- Basic concepts, general principles for design |
| EN 983 | Safety of machinery - Safety requirements for fluid power systems and their components - Pneumatics |
| EN 12566-3:2009-07 | Packaged and/or site assembled domestic wastewater treatment plants |

Following characteristics according to EN 12566 part 3 are met:

Cleaning capacity Initial testing according to EN 12566-3 C.2.1; by PIA Aachen, NB1739
with test report no. PIA2016-273B11.02 and PIA2014-225B03.01

Type series conformity: Conformity with the initially built type is given.

The installation kit is designed for the use as small wastewater treatment plant together with one tank type, specified according to the building products guideline. Technical specifications have to be taken from the corresponding master data sheet.

The commissioning of the installation kit is forbidden until the person, who is completing the kit with the respective tank to a small wastewater treatment plant, has ensured that the wastewater treatment plant corresponds with all applicable and relevant directives.

Bayreuth, 15.06.2023

A handwritten signature in black ink, appearing to read 'W. Pöschel', with a horizontal line underneath.

Geschäftsführer / Managing Director

This declaration certifies compliance with the above mentioned directives but does not include a property assurance. The safety notes given in the product documentations, which are must be observed.



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EN 12566-3

Pre-assembled wastewater treatment plant
for the treatment of domestic wastewater

Reference no. of the product: 23026 5P

Material of the structure: PE

Effectivity of the treatment:	COD:	48 mg/l
	BOD ₅ :	6 mg/l
Efficiency of cleaning capacity (at a tested daily organic pollution load BOD ₅ = 0,23 kg/d)	SS:	17 mg/l
	NH ₄ -N	0,2 mg/l
	TN _b	18 mg/l
	P _{ToT}	0,5 mg/l

Cleaning capacity (dimensioning)

Nominal organic pollution load (BOD₅) 0,3 kg / d

Nominal daily inflow Q_N 0,75 m³ / d

Energy consumption: 0,52 *kWh / d

* average energy consumption during 38-weeks-test at 5 PE, according to test report PIA

Watertightness: passed
(Test with water)

Stability (proven by breaking load test):

Height above ground: NPD m

WET: NPD m

Durability: passed

Fire behaviour: passed

Release of hazardous substances: NPD