

Declaration Of Performance

WaterCare Ø600 Lifting Plant for faecal-free wastewater - 223190603

No.: DOP_EN_223190603_RS

Valid from: 2013.06.01



Item number: 223190603

Identification	
1. Product	WaterCare Ø600 Lifting Plant for faecal-free wastewater
2. Item number	223190603
3. Intended use	Lifting plant for faecal-free wastewater
4. Manufacturer	WaterCare ApS Stejlebjergvej 14 DK - 5610 Assens Denmark Tel: +45 70 25 65 37 Web: www.watercare.dk
5. Authorized representative	-
6. System of assessment and verification	(EU) No. 305/2011 cf. Appendix V.
7. Harmonized standard	DS/EN 12050-2:2001
8. Technical Assessment	Not relevant

9. Declared performance		
Essential characteristics	Performance	Harmonized technical specification
Dimensions	Ø600 x 2000 mm	-
Material	PE	DS/EN 12050-2:2001 pt. 6 (Annex B)
Weight	< 80 kg	-
Water tightness	No leakage	DS/EN 12050-2:2001 pt. 4.4 jf. 8.5
Odourtightness	Require qualified cover/solution	-
Noise level	NPD	Noise level below limit values cf. 98/37/EF
Lifting effectiveness		
Pump	Flygt DXM35-5	-
Pipe connections	DN50 (see installation instructions for venting & inlet)	DS/EN 12050-2:2001 pt. 5.2
Ventilation	Must be drilled	DS/EN 12050-2:2001 pt. 5.4
Minimum flow velocity	3,74 m/s at 40 kPa	DS/EN 12050-2:2001 pt. 5.5
Minimum solids passage	10 mm	DS/EN 12050-2:2001 pt. 5.6
Minimum useful volume	20 l	DS/EN 12050-2:2001 pt. 3.3

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9. Declared performance - continued		
Essential characteristics	Performance	Harmonized technical specification
Mechanical resistance		
Crushing resistance	26,6 kN/m ²	DS/EN 12566-3:2009 Annex C
Durability		
Fixing devices	Passed	DS/EN 12050-2:2001 pt. 5.3
10. Conformity	The performance of the product identified in point 1 and 2 (page 1) is in conformity with the declared performance in point 9 (page 1 & 2). This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4 (page 1).	

Signed for and on behalf of the manufacturer by:

Assens, date 01.06.2020



 Jacob L. Kristensen, Engineer