

## SMALL WWTP ECODEPUR<sup>®</sup> AQUADEPUR<sup>®</sup> 50

## TECHNICAL INFORMATION

The **ECODEPUR<sup>®</sup> Small WWTP, model AQUADEPUR<sup>®</sup>** are ultra-compact domestic wastewater treatment systems in SBR-type reactors (Sequencing Batch Reactor).

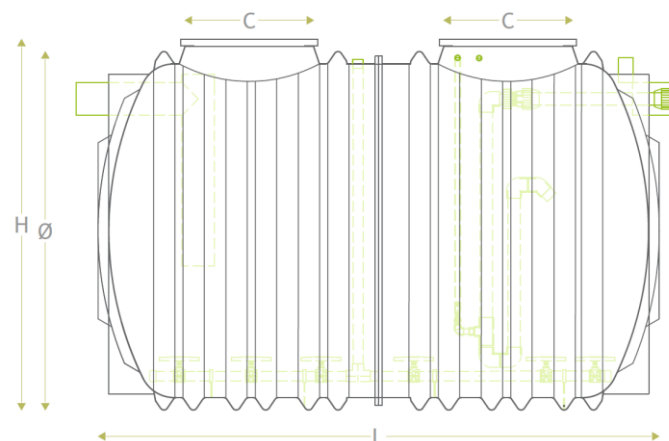


PARAMETER	TREATMENT EFFICIENCY	QUALITY OF TREATED EFFLUENT
CHEMICAL OXYGEN DEMAND (COD)	93,5%	53 mg/l
BIOCHEMICAL OXYGEN DEMAND (BOD5)	97,0%	10 mg/l
TOTAL NITROGEN (TN)	89,0%	10,4 mg/l
AMMONIACAL NITROGEN (NH <sub>4</sub> - N)	82,3%	4,4 mg/l
TOTAL PHOSPHORUS (P <sub>Tot</sub> )	62,6%	2,6 mg/l
TOTAL SUSPENDED SOLIDS (TSS)	96,0%	16 mg/l

<b>STANDARD MANUFACTURING IDENTIFICATION</b>	EN 12566-3
<b>EQUIPMENT IDENTIFICATION</b>	SMALL WWTP
<b>MANUFACTURER</b>	ECODEPUR <sup>®</sup>
<b>MODEL</b>	AQUADEPUR <sup>®</sup> 50
<b>TREATMENT CAPACITY</b>	7.500 l/day
<b>MATERIAL</b>	Polyethylene (PE)
<b>TYPE OF TREATMENT</b>	Activated Sludge - Sequencing Batch Reactor
<b>AERATION</b>	Side channel blower / EPDM fine bubbles diffusers
<b>INSTALLED POWER</b>	1.65 KW – 400 VAC/ 50HZ (TREE PHASE)
<b>POWER CONSUMPTION</b>	15.2 kW/d
<b>PLUG &amp; PLAY COMMAND AND CONTROL UNIT</b>	Included
<b>MANHOLE COVER</b>	Included (PE)

<sup>(1)</sup> Initial tests carried out by the notified Organism PIA GmbH

<sup>(2)</sup> For temperatures higher or equal to 12°C



MODEL	VOLUME (l)	L (mm)	Ø (mm)	H (mm)	C (mm)	Ø AIR INLET PIPE	Ø INLET AND BYPASS PIPES (mm)	Ø OUTLET PIPE (mm)
AQUADEPUR <sup>®</sup> 50	20.000	6.520	2.190	2.265	790	2"	200	2"1/2

Rev.0 | The pictures and dimensions can be changed without notice. The dimensions presented have a tolerance of ± 2%