

SMALL WWTP ECODEPUR[®] AQUADEPUR[®] 25

TECHNICAL INFORMATION

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

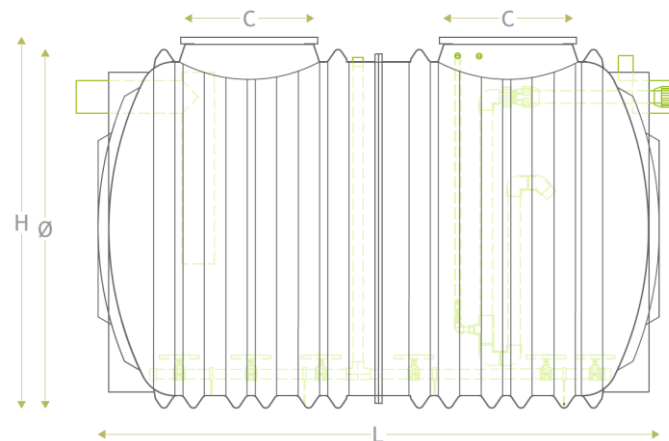


PARAMETER	TREATMENT EFFICIENCY	QUALITY OF TREATED EFFLUENT
CHEMICAL OXYGEN DEMAND (COD)	93,5%	53 mg/l
BIOCHEMICAL OXYGEN DEMAND (BOD5)	97,0%	10 mg/l
TOTAL NITROGEN (TN)	89,0%	10,4 mg/l
AMMONIACAL NITROGEN (NH ₄ - N)	82,3%	4,4 mg/l
TOTAL PHOSPHORUS (P _{Tot})	62,6%	2,6 mg/l
TOTAL SUSPENDED SOLIDS (TSS)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

STANDARD MANUFACTURING IDENTIFICATION	EN 12566-3
EQUIPMENT IDENTIFICATION	SMALL WWTP
MANUFACTURER	ECODEPUR [®]
MODEL	AQUADEPUR [®] 25
TREATMENT CAPACITY	3.750 l/day
MATERIAL	Polyethylene (PE)
TYPE OF TREATMENT	Activated Sludge - Sequencing Batch Reactor
AERATION	Side channel blower / EPDM fine bubbles diffusers
INSTALLED POWER	0,75 KW – 400 VAC/ 50HZ (TREE PHASE)
POWER CONSUMPTION	9,5 kW/d
PLUG & PLAY COMMAND AND CONTROL UNIT	Included
MANHOLE COVER	Included (PE)

⁽¹⁾ Initial tests carried out by the notified Organism PIA GmbH

⁽²⁾ 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 [®] 25	10.000	3.440	2.190	2.265	790	2"	200	2"1/2