

SMALL WASTEWATER TREATMENT PLANTS ECODEPUR® DWW RECYCLER 20

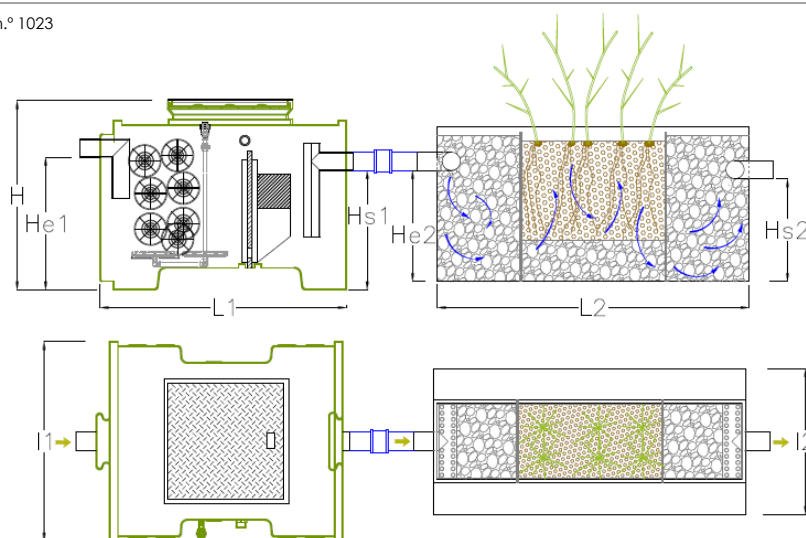
TECHNICAL INFORMATION

The Small Wastewater Treatment Plants, ECODEPUR® DWW RECYCLER, are a compact and modular units for Domestic Wastewater Treatment and Reuse in Irrigation operations. ECODEPUR® DWW RECYCLER combines biological treatment, Macrophyte Reed Bed Filtration and Disinfection by Chlorination.



STANDARD MANUFACTURING IDENTIFICATION	EN 12566-3
EQUIPMENT IDENTIFICATION	Small Wastewater Treatment Plants
BRAND	ECODEPUR®
TYPE	DWW RECYCLER® 20
NOMINAL CAPACITY	20 inhabitants
MATERIAL	Polietileno Linear
TYPE OF TREATMENT	Activated Sludge (Fluidized Mixed Bed Reactor System)
TREATMENT EFFICIENCY	BOD ₅ : 76% - 97%
(minimum values)	COD: 76% - 94%
	TSS: 85% - 94%
	P: 83% - 87%
	KN: 46% - 77%
AERATION	Blower membrane (P= until 47W)/ Diffuser EPDM
SYNTHETIC FILLING	BIOFILL (127 m ² /m ³)
SECONDARY SETTLING	Included – Lamellar Sludge
FILTRATION	Included - FITOCOMPACT 20
DISINFECTION	Included
BREATHER	Included (1" ½)
COVER	Included (PE)

(1) Initial Tests done by Notified Organism n.º 1023



TYPE	EQUIPMENTS	L (mm)	I (mm)	H (mm)	He (mm)	Hs (mm)	Ø INLET PIPE (mm)	Ø OUTLET PIPE (mm)	Nº PLANTS
DWW RECYCLER 20¹	OXYBIO 20	5.080	960	1.230	880	770	160	160	----
	FITOCOMPACT 20	1.880	3.520	930	670	620	160	4 x 110	32

¹**Note:** The system presupposes the installation of a treated water contact / storage tank with capacities and dimensions to be defined by the customer.