



BIO URO CLEAN

"Protecting Our Environment"

Bio Uro Clean system – Basic information.

Treatment capacity	4080 litres
Primary chamber treatment capacity	2040 litres
Treatment chamber capacity	2040 litres
Chamber Diameter	1170 mm
Overall length	2730 mm
Total Height	2070 mm
Weight (empty)	2000 kg
Design flow rate	1200 litres/day
BOD load	0.36 kg/day
Inlet invert to base	1890 mm
Outlet invert to base	1890 mm
Ground level to inlet/outlet invert level	600 mm
Retention time (based on design flow)	80 hours
Electrical consumption	0.5kWh/d
Treatment efficiency:	
	COD 92%
	BOD 96.5%
	TSS 95.1%
	NH4-N 98.3%

Bio Uro Clean Treated Waste Water Results:

Parameter	Units
Biochemical oxygen demand (BOD 5)	<10 mg/l
Total suspended solid @ 103°C	5 mg
Ammonia (NH3-N)	0.06 mg/l
Nitrate (NO3-N)	5.4 mg/l
Total phosphorus (P)	7.2 mg/l
pH (Electrometric Determination)	6.9

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