



DESIGN SPECIFICATION TABLE

Design Specification Table	CE Series BOD, TSS, TN*							CEN Series BOD, TSS, Enhanced TN				
Model:	CE5	CE7	CE10	CE14	CE21	CE30	CE6KG	CEN5	CEN7	CEN10	CEN14	CEN21
Load Hydraulic (GPD)	500	700	1,000	1,350	1,900	2,700	6,000	500	700	1,000	1,350	1,900
Effluent (assumes domestic strength influent):												
BOD – Effluent (mg/L)	≤20	≤20	≤20	≤20	≤20	≤20	≤20	≤10	≤10	≤10	≤10	≤10
TSS (mg/L)	≤20	≤20	≤20	≤20	≤20	≤20	≤20	≤10	≤10	≤10	≤10	≤10
TN (mg/L)	≤20*	≤20*	≤20*	≤20*	≤20*	≤20*	≤20*	≤10	≤10	≤10	≤10	≤10
Blower Detail:												
Blower Model	80RII	80RII	100RII	150RII	200RII	150RII (2)	200RII (4)	80RII	100RII	150RII	200RII	150RII (2)
Normal Pressure (kPa)	15	15	18	20	20	20	20	15	18	20	20	20
CFM; L/Min	2.8 CFM 80 L/MIN	2.8 CFM 80 L/MIN	3.5 CFM 100 L/MIN	5.3 CFM 150 L/MIN	7.0 CFM 200 L/MIN	10.6 CFM 300 L/MIN	28.0 CFM 800 L/MIN	2.8 CFM 80 L/MIN	3.5 CFM 100L/MIN	5.3 CFM 150 L/MIN	7.0 CFM 200 L/MIN	10.6 CFM 300 L/MIN
Power Use (kWh/day)	1.2	1.2	1.7	2.7	3.7	5.4	14.8	1.2	1.7	2.7	3.7	5.4
Weight (lbs.)	11	11	11	20	20	20 x 2	20 x 4	11	11	20	20	20 x 2
Outlet Diameter OD-inches)	0.70	0.70	0.70	1.0	1.0	1.0	1.0	0.70	0.70	1.0	1.0	1.0
Tank Detail:												
Material	Fiber-reinforced plastic							Fiber-reinforced plastic				
Height (inches)	61.8	65.4	73.2	77.4	81.3	87.2	87.2	65.4	73.2	77.4	81.3	87.2
Length (inches)	85	95.7	98.8	118.9	152.8	183.7	434.7	95.7	98.8	118.9	152.8	183.7
Width (inches)	43.7	49.2	56.7	68.9	72.4	78.3	115.3	49.2	56.7	68.9	72.4	78.3
Weight (lbs.)	397	463	705	926	1,168	1,543	2,900	463	705	926	1,168	1,543
Inlet Invert (inches)	49	53	61	62	65	71	67	53	61	62	65	71
Outlet Invert (inches)	47	51	59	59.5	63	69	64	51	59	59.5	63	69
Access Ports (number)	3	3	3	3	3	3	7	3	3	3	3	3
Access Port Diameter (inches)	3@20"	2@20" 1@24"	2@20" 1@24"	2@20" 1@24"	2@20" 1@24"	2@20" 1@24"	4@24"x24" 3@24"x48"	2@20" 1@24"	2@20" 1@24"	2@20" 1@24"	2@20" 1@24"	2@20" 1@24"
Volume Total (gallons)	545	749	1,069	1,498	2,252	3,199	7,267	749	1,069	1,498	2,252	3,199

* TN data obtained during CE testing, including field testing, but not to NSF 245 testing protocol. CEN testing to NSF 40/245 protocol.