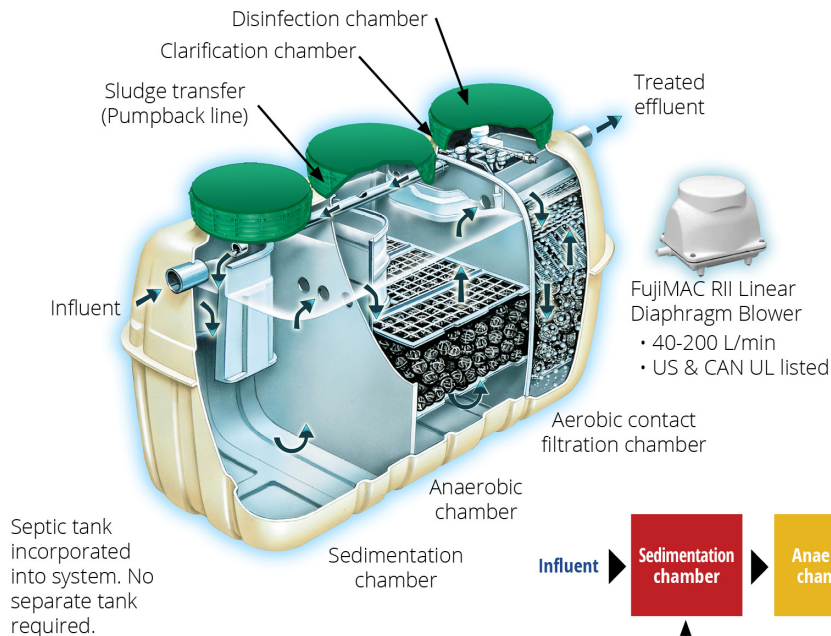




Model CE & CEN Series

Technical Specification Sheet



Fuji Clean Advantages

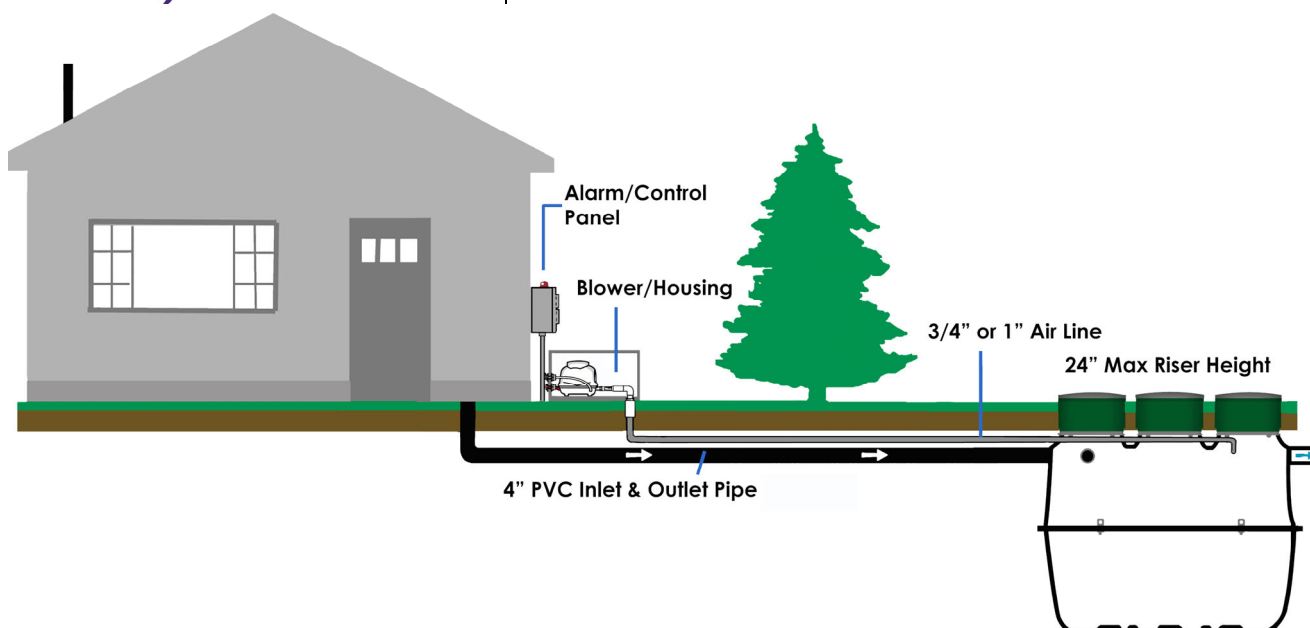
- Over 2 million installed systems worldwide
- 1-tank system - no septic tank necessary
- No moving parts in tank
- Built-in equalization - levels variable inflow
- NSF 40 and 40/245 certified
- TN removal to 70+% with CEN models
- Phosphorous reduction technology
- Smallest footprint vs. competitors
- Lowest power use vs. competitors
- Lightweight tank - easy installation
- Quick and easy O&M - no mess
- Rapid startup and restart for seasonal homes

Treatment Process



Design Specification Table	CE Series BOD, TSS, TN*							CEN Series BOD, TSS, Enhanced TN Removal				
Effluent :	NSF40 NSF Test Effluent (Avg.) CBOD:11mg/L, TSS:12mg/L							NSF40/245 NSF Test Effluent (Avg.) CBOD:5mg/L, TSS:6mg/L, TN:10mg/L				
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
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
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 removal for CE systems from field testing is available. Contact FujiClean USA for details.

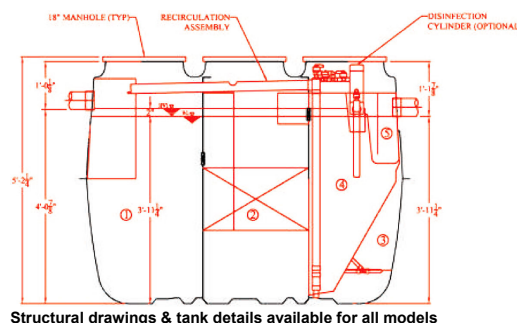


Construction Notes

- Preceding septic tank not required
- At-grade access port covers can withstand body weight
- Excessive loads require H-20 engineering
- Maximum riser height: 24 inches
- Power supply required: 120v, 60Hz.
- Standard air line distance: up to 100 ft. and (5) 90° turns
- Soil bearing power: equal or more than 1200 lbs./ft²
- Backfill with suitable flowable material such as sand
- Divert water softener backwash directly to drainfield
- Use uplift restraint in high groundwater sites
- Installer responsibilities include:
 - Excavation and related work
 - Inflow, effluent and air line pipe and connection work
 - Electrical connections to panel and blower
 - (As needed) air vent and connection work
 - Fresh water to required level in tank

Technical Materials Available:

- H-20 specifications
- Uplift restraint specifications
- Process science details
- Project engineering support
- Structural tank strength
- Effluent flow rate reports



Please Check

www.fujicleanusa.com

for Distributor Locations

Panel Features	Controller		
	A*	A1	C
NEMA 4K Enclosure	X	X	X
Three 120 Volt AC Breakers (Compressor, Alarm, Aux. Pump)	X	X	X
Alarm/Test/Normal/Silence Switch	X	X	X
Low Pressure Alarm Switch	X		X
Current Sensor Alarm Switch		X	
Communication Contacts			X
Elapsed Time Meter			X
Timed Dosing, Data Logging, Custom Controllers	Available upon request		

* Standard with each system