

FujiClean USA LLC DESIGN SPECIFICATION TABLE		CE Series BOD, TSS, TN				CEN Series BOD, TSS, Enhanced TN		
Model	CE5	CE7	CE10	CE14	CEN5	CEN7	CEN10	
Load (Bedrooms)	4	6	8	12	4	6	8	
Effluent (assumes domestic strength influent)								
BOD - Effluent (mg/L)	10-20	10-20	10-20	10-20	10	10	10	
BOD (removal pounds/day)	.52	.73	1.04	1.46	.69	.97	1.38	
TSS (mg/L)	10-20	10-20	10-20	10-20	10	10	10	
TN (mg/L)	10-20	10-20	10-20	10-20	10	10	10	
Tank Detail:								
Material	Fibre-Reinforced Plastic							
Height (Inches)	61.8	65.7	73.6	77.4	65.7	73.6	77.4	
Length (Inches)	85	95.7	98.8	118.9	95.7	98.8	118.9	
Width (Inches)	43.7	49.2	56.7	68.9	49.2	56.7	68.9	
Weight (lbs.)	397	463	705	926	463	705	926	
Power Use (kWh/day)	1.27	1.27	1.92	1.92	1.27	1.92	1.92	

Please consult with distributor or Fuji Clean USA for commercial models designed to treat hydraulic flows above those listed in this table.

## Elegantly Simple Process

Fuji Clean's "contact filtration" treatment is a simple, well engineered process that consists of a controlled flow train through aerobic and anaerobic chambers in direct contact with three types of proprietary fixed film media on which biological digestion & mechanical filtration occurs.

An external, continuously operating air pump introduces oxygen into the aerobic chambers and powers two internal air lift pumps. One carries process water and solids back to the primary chambers for solids management and denitrification activity. The other regulates flow equalization and controls metered outflow of treated effluent. Enhanced nitrogen models are available in all sizes.

Phosphorus removal (optional) is accomplished through a proprietary electrolysis system. An integrated discharge pump(s) is available as an option. Please contact us for additional technical information, design materials and to discuss how we can help you.



Compact, rugged system fits onto the tightest, toughest sites.



Exceptionally Easy Installation

## Simple And Easy For Everyone

Wastewater treatment systems should be boring. They should just work as specified. No drama. No excuses. Our mission is to make certain that world class Fuji Clean technology makes life easy and simple for everyone...

- 🔵 **Engineers/Designers:** Prompt technical and design assistance. Easy access technical information. Model selection breadth to meet regulatory requirements.
- 🔵 **Installers:** On-time delivery for easy plug & play installation. Comprehensive onsite installation guidance.
- 🔵 **O&M Providers:** Simple and straightforward. 24/7 support. No outside washdown.
- 🔵 **Regulators:** Customizable systems allow adherence to local regulations.
- 🔵 **Owners:** Low O&M cost. Low power cost. Quiet. Aesthetically pleasing. No hassle system. Rock solid warranty.



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# RESIDENTIAL



Model CE5

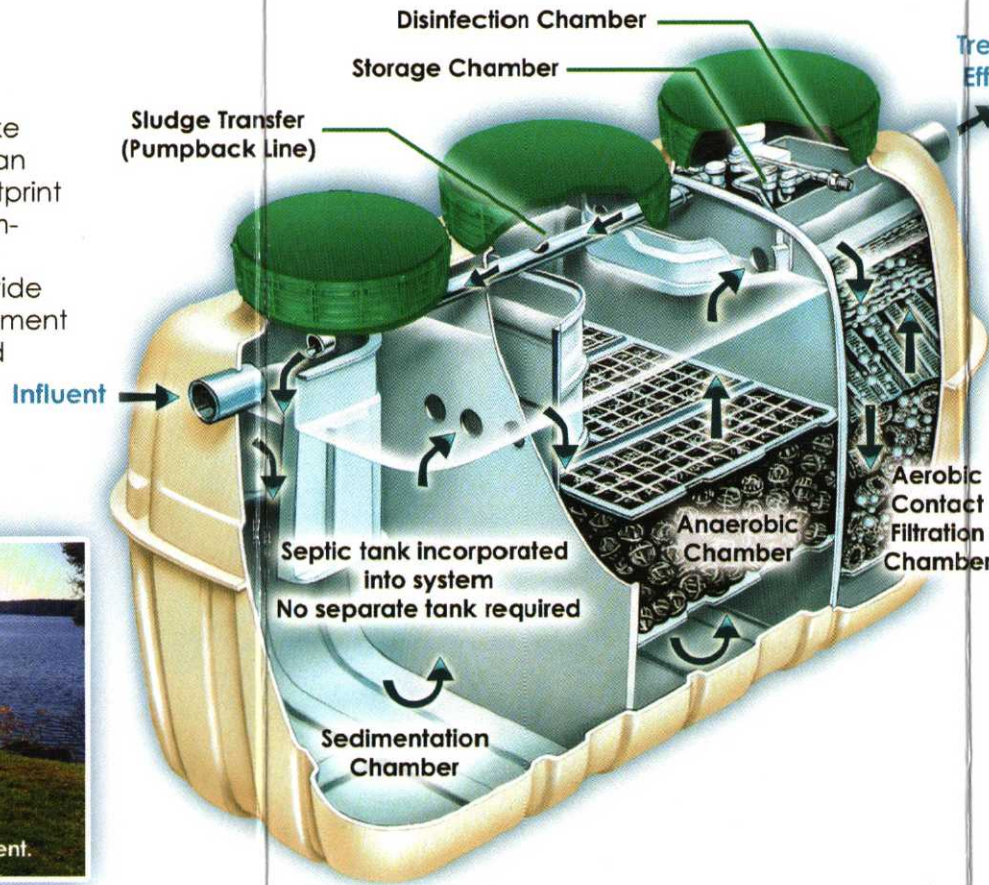
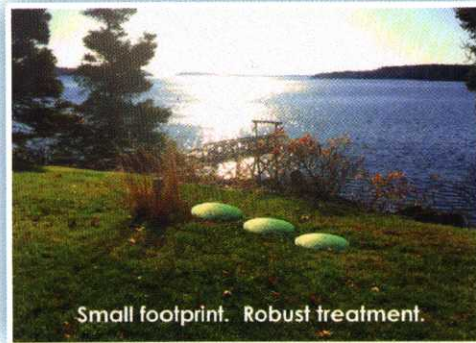
## Intelligently Engineered Residential Treatment Systems



Certified to NSF/ANSI Standards 40 & 245

# Simple Reliable Elegant Technology

Size doesn't always matter. Like many Japanese cars, Fuji Clean systems may be smaller in footprint and physical stature than comparable systems, but they are elegantly engineered to provide you optimal and reliable treatment at a remarkably low initial and ongoing operating cost.



**Hassle-Free Controls**  
Versatile, field-tested and proven control/alarm designed for functionality, regulatory approval and long term reliability.

- Optional upgrades:
- Telecommunication
  - Flow Monitoring
  - Dosing Management
  - Data Logging



**Powered by Best-In-Class "R" Series Fuji Clean MAC Linear Diaphragm Air Blowers.**

- Most efficient
- Longest lasting
- Quietest

**Excellent Treatment With Minimal Power Use**  
Power cost example: Model CE5 or CEN5 treating 450-gpd (at U.S. residential avg. rate of \$0.12 per kWh) is 15.6 cents per day or \$56.80 per year.

**Plug & Play Technology**  
Delivered to site fully built-out & ready to operate. No on-site assembly.

**Flow Equalization With Fail-Safe Overflow**

**World Class Experience**  
2+ million systems installed and operating worldwide.

