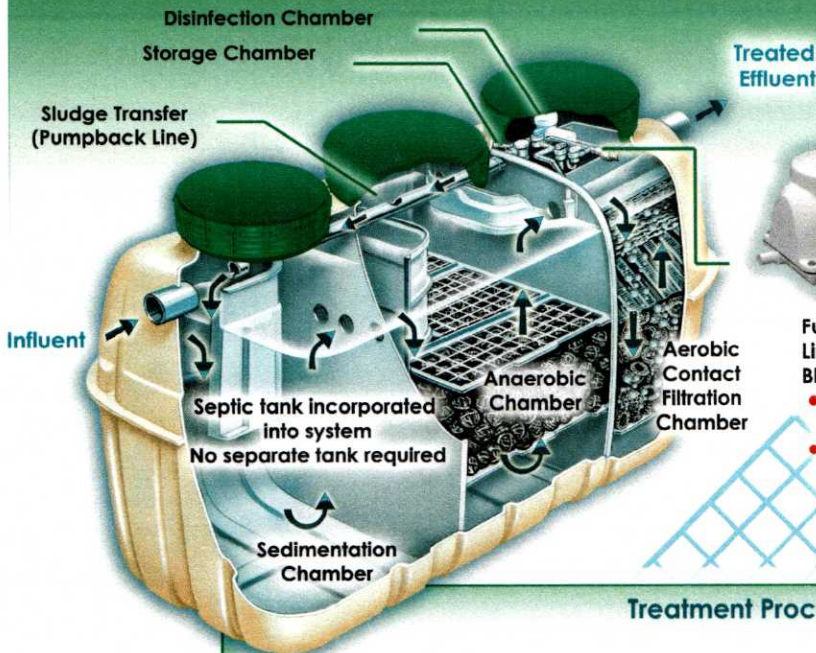


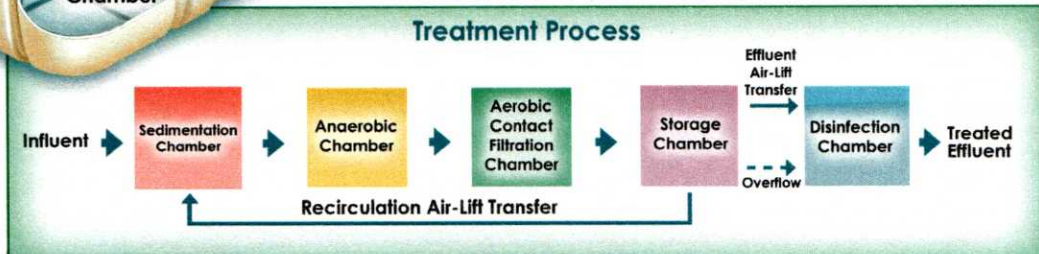
MODEL CE & CEN SERIES *Technical Specification Sheet*



FujiMAC RII Linear Diaphragm Blower

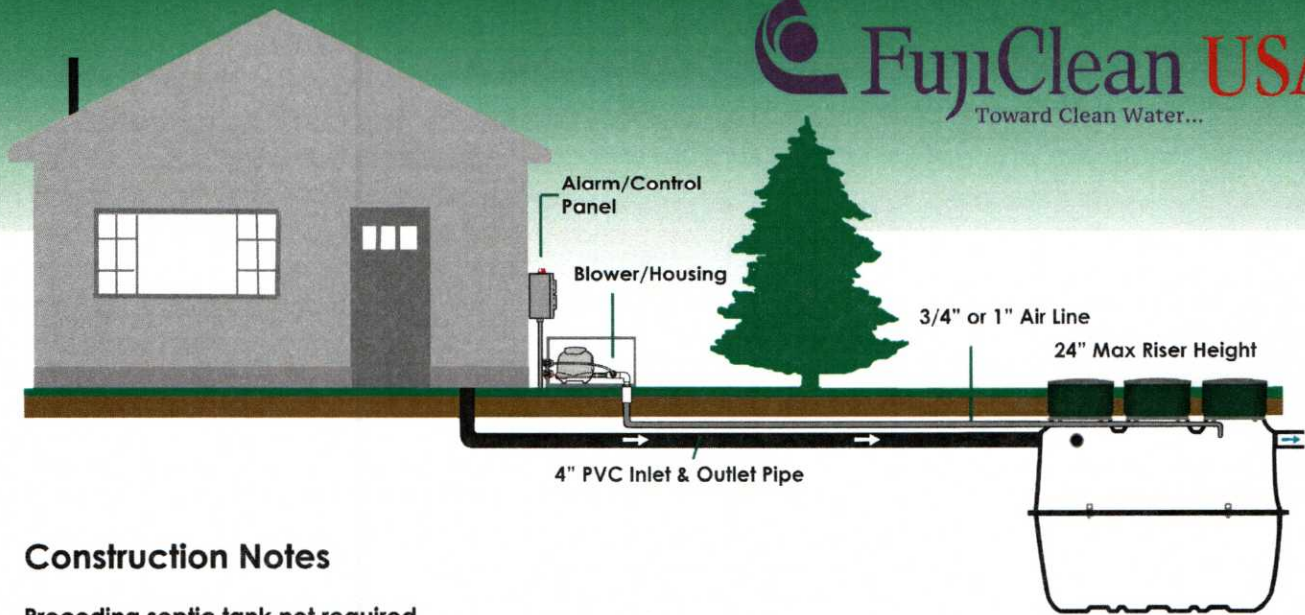
- 40-200 L/min blower options
- U.S. & CAN UL Listed

- ### 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



Design Specification Table	CE Series BOD, TSS, TN							CEN Series BOD, TSS, Enhanced TN			
	CE5	CE7	CE10	CE14	CE21	CE30	CE6KG	CEN5	CEN7	CEN10	CEN21
MODEL:	CE5	CE7	CE10	CE14	CE21	CE30	CE6KG	CEN5	CEN7	CEN10	CEN21
Load Hydraulic (GPD)	450	630	900	1,000	1,900	2,700	6,000	450	630	900	1,900
EFFLUENT (assumes domestic strength influent):											
BOD - Effluent (mg/L)	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10	10	10	10
BOD (removal pounds/day)	.52	.73	1.04	1.46	2.08	3.12	6.93	.69	.97	1.38	2.9
TSS (mg/L)	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10	10	10	10
TN (mg/L)	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10	10	10	10
BLOWER DETAIL:											
Blower Model	MAC80R	MAC80R	MAC100R	MAC100R	MAC150R	MAC200R	MAC200R (3)	MAC80R	MAC100R	MAC100R	MAC200R
Normal Pressure (kPa)	15	15	18	18	20	20	20	15	18	18	20
Airflow Volume (CFM; L/Min.)	2.8 CFM 80 L/MIN	2.8 CFM 80 L/MIN	3.5 CFM 100 L/MIN	3.5 CFM 100 L/MIN	5.3 CFM 150 L/MIN	7.0 CFM 200 L/MIN	21.0 CFM 600 L/MIN	2.8 CFM 80 L/MIN	3.5 CFM 100 L/MIN	3.5 CFM 100 L/MIN	7.0 CFM 200 L/MIN
Power Use (kWh/day)	1.1	1.1	1.6	1.6	2.4	3.4	10.2	1.1	1.6	1.6	3.4
Weight (lbs.)	11	11	11	11	13	13	13 x 3	11	11	11	13
Outlet Diameter (OD, inches)	0.70	0.70	0.70	0.70	1.0	1.0	1.0 x 3	.070	0.70	0.70	1.0
TANK DETAIL:											
Material	Fibre-Reinforced Plastic							Fibre-Reinforced Plastic			
Height (Inches)	61.8	65.7	73.6	77.4	81.3	87.2	87.2	65.7	73.6	77.4	87.2
Length (Inches)	85	95.7	98.8	118.9	152.8	183.7	434.7	95.7	98.8	118.9	183.7
Width (Inches)	43.7	49.2	56.7	68.9	72.4	78.3	115.3	49.2	56.7	68.9	78.3
Weight (lbs.)	397	463	705	926	1,168	1,543	2,900	463	705	926	1,543
Inlet Invert (Inches)	49	53	61	62	65	71	67	53	61	62	71
Outlet Invert (Inches)	47	51	59	59.5	63	69	64	51	59	59.5	69
Access Ports Quantity & 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"
Tank Volume Total (gallons)	545	749	1,069	1,498	2,252	3,199	7,267	749	1,069	1,498	3,199

INSTALLATION OVERVIEW



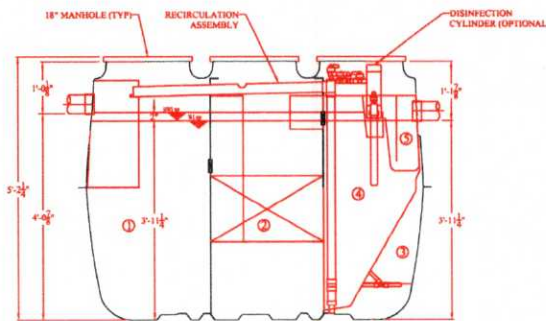
Construction Notes

- Preceding septic tank not required
- At-grade access ports - covers can withstand body weight
- Excessive loads require H-20 engineering
- Maximum riser height: 24 in.
- Power supply required: 120 V, 60 Hz.
- Air line distance: up to 100 ft. and (5) 90-degree turns
- Soil bearing power should be equal or more than 1200 lb/ft²
- Backfill with suitable material such as sand
- Water softener backwash must be diverted directly to drainfield
- Effluent quality will vary depending on hydraulic and constituent loading
- Installer responsibilities include:
 - Excavation and related work
 - Inflow, effluent and airline pipes and connection work
 - Electrical connections to panel and blower
 - (As needed) air vent and connection work
 - Fresh water to required level in tank

Additional Technical Materials

- H-20 Specifications
- Uplift Restraint Specifications
- Process Science Details
- Commercial Project Engineering Support
- Structural Tank Strength
- Effluent Flow Rate Reports

Distributors throughout North America
Check our website for details



Structural drawings with all views & tank details available for all models

Fuji Clean Panel Features	Controller A*	Controller C
NEMA 4X Weather Proof Enclosure	X	X
Three 120 Volt AC Breakers (Compressor, Alarm, Aux Pump)	X	X
Alarm/Test/Normal/Silence Switch	X	X
Compressor Low Pressure Alarm Switch	X	X
Communication Contacts (Alarm Aux)		X
Elapsed Time Meter		X
Timed Dosing, Data Logging	Available Upon Request	

* Standard with each system.