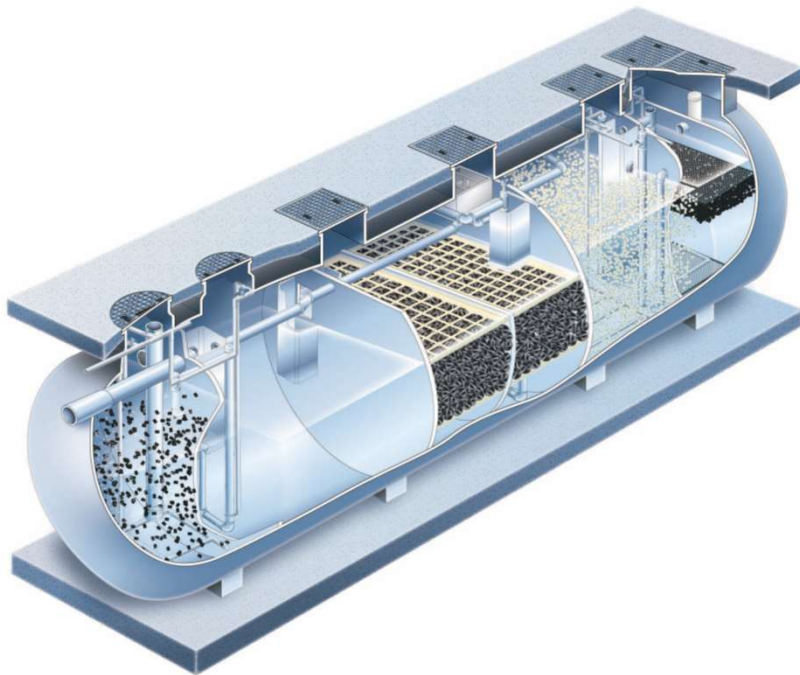


Self Contained, Plug and Play Commercial Onsite Treatment System

FRP Commercial Plant

Fuji Clean PCN model



Effluent quality

BOD 15mg/L or less
: 10mg/L or less
SS: 20mg/L or less

The above effluent quality is accredited by The Buiding Center of Japan.

Cleaning frequency
Every 6 months

Maintenance frequency
Every month

Design Hydraulic Loading
10-60 m³/day

FEATURES

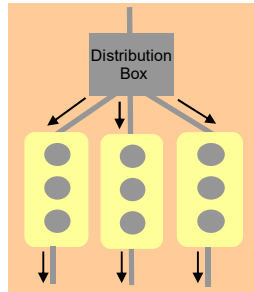
Self-Contained φ2000 tank

φ2000 tank can be put into a 40-ft. shipping container

Cluster design

Units can be combined for optimal efficiency

Cluster design



Example of a temporary housing installation following Japan's "Great East Earthquake" of 2011

Linear Diaphragm Air Blower

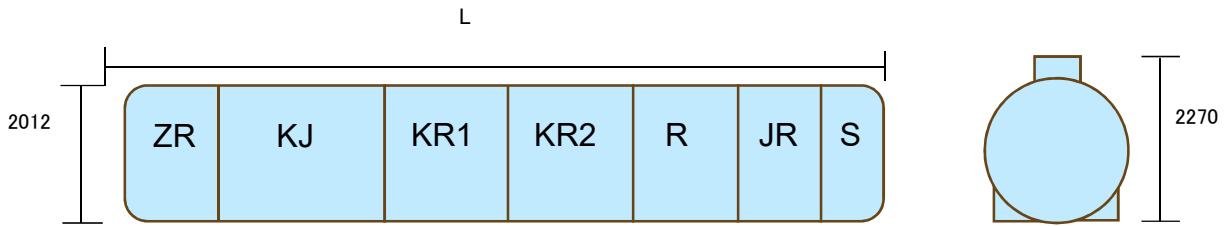
Constructed for long lasting durability with very low energy consumption achieved by "Made-in-Japan" air blower



Fuji Clean Co.,Ltd
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Ph: +81-52-733-0863 Fax:+81-52-733-0238
<http://www.fujiclean.co.jp>

Configuration of Each Chamber

PCN model W pattern



Note

ZR: Forward Fluidized Media chamber	R: Fluidized Media chamber
KJ: Sedimentation chamber	JR: Recirculation & Filtration chamber
KR1: 1st Anaerobic chamber	S: Disinfection chamber
KR2: 2nd Anaerobic chamber	

Tank Dimensions

Design Hydraulic Loading [m ³ /D]	Model Name	Tank Length and number L(mm)×unit (s)
10m ³	PCNⅢ-51W	5,960 × 1 unit
20m ³	PCNⅢ-100W	10,250 × 1 unit
30m ³	PCNⅢ-51W×3 Cluster design	5,960 × 3 unit
40m ³	PCNⅢ-100W×2 Cluster design	10,250 × 2 unit
60m ³	PCNⅢ-100W×3 Cluster design	10,250 × 3 unit

Container Dimensions (nominal)

		20ft	40ft	40ftHC'
Outer Dimensions [mm]	Length	6,058	12,192	12,192
	Width	2,438	2,438	2,438
	Height	2,591	2,591	2,896
Inner Dimensions [mm]	Length	5,898	12,032	12,032
	Width	2,352	2,352	2,352
	Height	2,385	2,385	2,690
	Volume[m ³]	33.1	67.5	76.3
Door Dimensions [mm]	Width	2,343	2,343	2,343
	Height	2,280	2,280	2,585

Treatment Process

