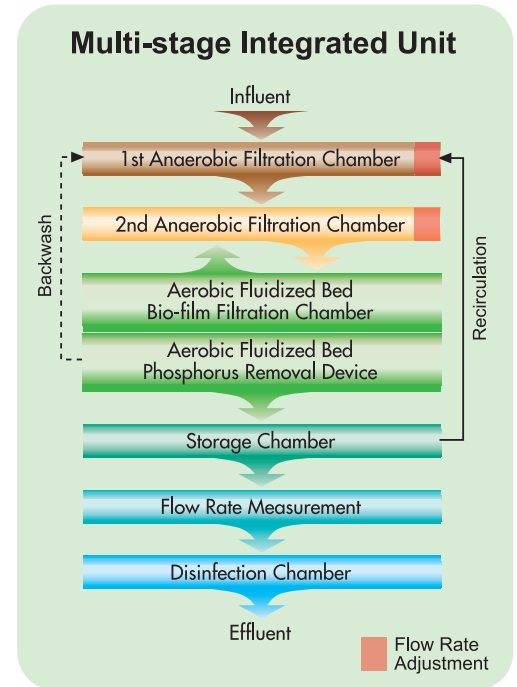
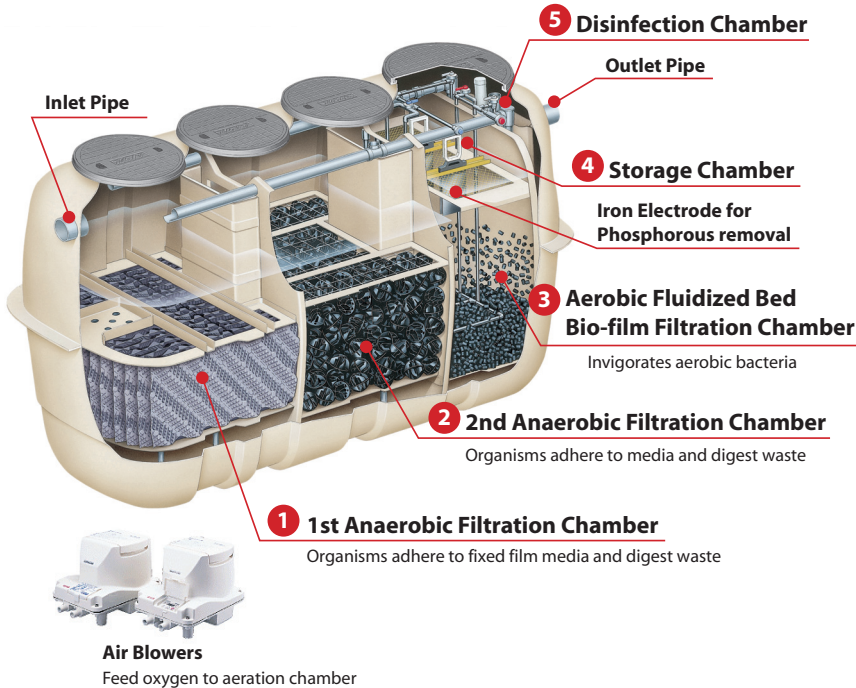


# CRX MODEL

Keeping Australia clean

## Advanced Secondary With Nutrient Removal Wastewater Treatment System

Hydraulic loading - 1500L / day (10ep)



## FEATURES

### Advanced Performance

Even though the **CRX** MODEL is specifically designed for installations in Environmentally Sensitive Areas its *Advanced Secondary* performance is equally beneficial in all domestic situations:

- BOD (Biochemical Oxygen Demand) equal to or less than 10mg/L
- SS (Suspended Solids) equal to or less than 10mg/L
- T-N equal to or less than 10mg/L
- T-P equal to or less than 5mg/L
- Thermotolerant coliforms less than 100cfu/100mL

### Automatic Backwash

Our unique timer controlled Automatic Backwash continually ensures peak performance by:

- controlling the thickness of bio-film on the media,
- promoting the decomposition and removal of organic matter,
- increasing nitrification, ammonium, nitrogen and SS filtering,
- preventing the media clogging.

### Nutrient Removal

#### Nitrogen Removal

Through bacterial growth processes on the surface of the filter media in the first and second chambers, biological anaerobic treatment occurs while suspended solids are captured.

The bacteria in the chambers also converts nitrates in the recirculated water returning from the aerobic chamber to gaseous nitrogen which escapes harmlessly to the atmosphere.

#### Phosphorus Removal

Phosphorus is removed as  $FePO_4$ , which is a compound made up of Iron, through electrolysis and Phosphorus in liquid.

### Flow Adjustment

Our unique flow adjustment function makes it possible to individually adjust effluent water volume and recirculation water volume easily!

# MODEL CRX 1500

## Treatment Unit

### Capacity (L)

1st Anaerobic Filtration Chamber	1,301
2nd Anaerobic Filtration Chamber	1,309
Aerobic Fluidized Bed Bio-film Filtration Chamber	728
Total Volume	3,624
Flow Rate Adjustment	673

### Dimensions (mm)

Max. Width	1,350
Max length	3,080
Max Height	1,770
Inlet Invert	260
Outlet Invert	410
Inlet and Outlet Pipe Size	dia. 100

### Weight (kg)

440

### Correspondent Blower Type

MR38AN / MR88BN

## Irrigation Tank

### Capacity (L)

1,519

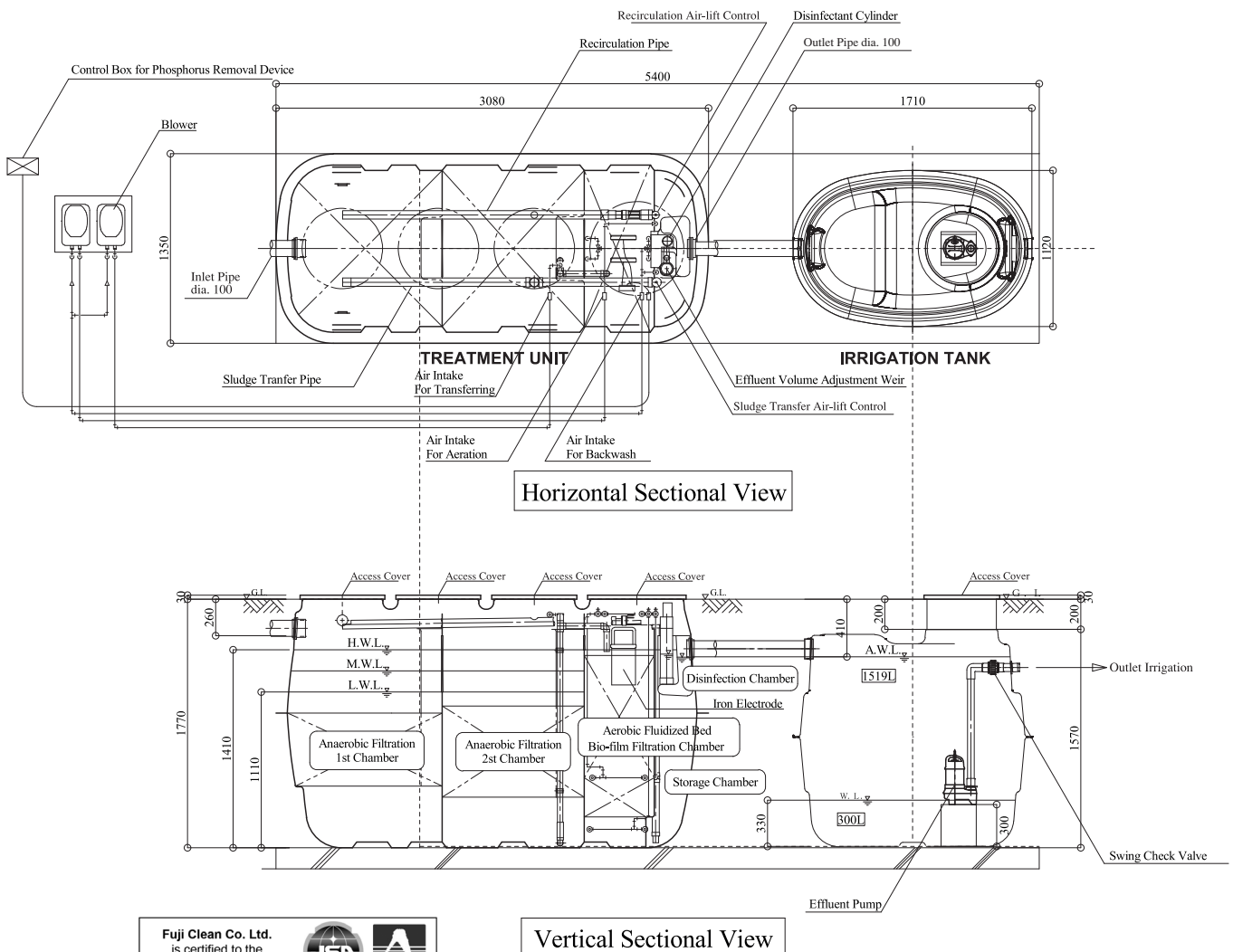
### Dimensions (mm)

Max. Width	1,120
Max. Length	1,710
Max. Height	1,770

### Weight (kg)

98

• **Manufacturers Warranty - 15 years for tank, 2 years for electrical components.**



Fuji Clean Co. Ltd. is certified to the ISO 9001 : 2000 Quality Management Standard

Fuji Clean products are available in Australia through Fuji Clean Australia

Your Agent:

**Fuji Clean Australia**  
*Keeping Australia clean*

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