



## A Modular Approach to Biological Treatment

The Ecologix Bio-Clear utilizes an extended aeration principle and functions by creating an environment with sufficient oxygen levels and agitation to allow for bio-oxidation of the wastes to suitable levels for discharge. The Bio-Clear system provides a modular approach to the treatment of wastewater. Its compact design, ease of operation, and exceptional track record deliver extraordinary results – all packaged together in a system suited for any biological treatment application.

### Features

- EQ Tank
- Sludge Holding Tank
- Aeration Chamber
- Clarifier

### Benefits

- Pre-engineered, prefabricated structures lower costs
- Installed and operational in one week
- TSS and BOD levels reduced to <30 mg/L
- Remote monitoring
- Low and high flow applications

### Options

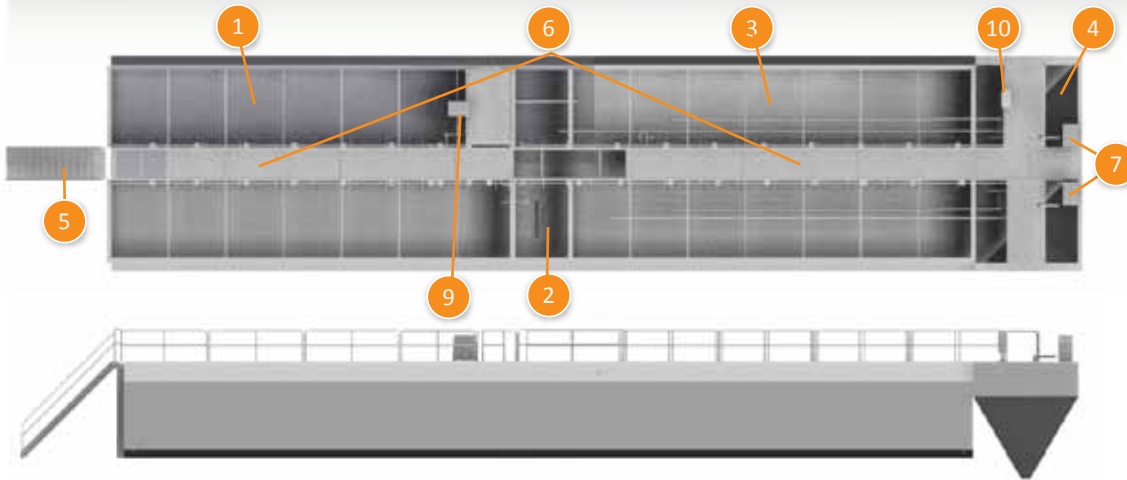
- Anoxic tank
- MBBR design
- Integrated PLC's
- Sludge dewatering system
- Clearwell
- Tertiary Filter
- Disinfection



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# Bio-Clear

# Biological Treatment System



## Bio-Clear by the Numbers

- 1: Equalization Basin
- 2: Sludge Holding Tank
- 3: Aeration basin
- 4: Clarifier
- 5: Access Stairs
- 6: Access Catwalk
- 7: Aeration Basin Blowers
- 8: Submersible Pumps
- 9: EQ Basin Blowers
- 10: Control Panel

The Bio-Clear is a pre-engineered, prefabricated system for treating domestic wastewater with an aerobic process. Systems are typically sized according to flow rate, and often require a fraction of the space needed by conventional biological treatment systems. Our modular approach with this system provides the user with a compact, easy to operate, and cost effective solution. Built to the 10-State Standard, this packaged system has an exceptional track record as an efficient method of wastewater treatment.

## Bio-Clear System Specifications

Model	Operating Capacity (GPD)	Dimensions	Flow EQ	Sludge Holding	Aeration Tank	Clarifier	Shipping Weight (lbs.)
BC-3-ES	3000	9'6"H x 8'W x 16'L	2'6"	2'	7'	4'6"	5900
BC-5-ES	5000	9'6"H x 8'W x 21'6"L	3'6"	2'6"	11'	4'6"	7900
BC-7-ES	7000	10'H x 10'W x 23'3"L	3'9"	2'6"	11'6"	5'6"	9800
BC-10-ES	10000	11'H x 10'W x 28'3"L	5'	2'6"	14'9"	6'	12400
BC-12-ES	12000	11'H x 10'W x 33'6"L	6'	2'6"	17'9"	7'3"	14100
BC-15-ES	15000	11'H x 10'W x 41'3"L	7'3"	3'6"	22'	8'6"	16000
BC-18-ES	18000	11'H x 11'W x 40'L	7'9"	3'9"	23'6"	5'6"	17900
BC-20-ES	20000	11'H x 12'W x 42'6"L	8'3"	3'9"	24'6"	6'	18900
BC-25-ES	25000	11'H x 12'W x 51'6"L	10'	4'6"	30'	7'	23500
BC-30-ES	30000	11'H x 12'W x 61'6"L	12'	5'6"	36'	8'	27500
BC-35-ES	35000	11'H x 12'W x 71'6"L	13'9"	6'6"	41'9"	10'	34400
BC-50-ES	50000	11'H x 12'W x 99'L	20'	9'	60'	10'	43600
BC-60-ES	60000	11'H x 24'W x 65'6"L	12'	5'6"	36'	12'	56000
BC-75-ES	75000	11'H x 24'W x 78'6"L	15'	6'6"	45'	12'	71800
BC-90-ES	90000	11'H x 24'W x 92'L	18'	8'	54'	12'	80800
BC-100-ES	100000	11'H x 24'W x 101'L	20'	9'	60'	12'	87000

