



Septic & Wastewater Treatment Systems

Product Guide

The One2Clean

BARR Plastics Inc. | 1.800.665.4499 | barrplastics.com



Wastewater Treatment Systems

barrplastics.com | 1.800.665.4499

The One2Clean

A reliable wastewater disposal system no longer needs to be complicated. With the One2Clean, you'll be able to take responsibility for the timely disposal of your wastewater while taking care of your budget and the environment.

The One2Clean is an advanced development of the proven SBR wastewater treatment technology, with considerable advantages in terms of operating costs and safety.



Main Features

- Only ONE tank with only ONE chamber required
- Less energy consumption and less wear
- No mechanical elements in the wastewater
- No pumps in the wastewater
- No electrical components in the wastewater
- Incredibly little sewage sludge-aeration of entire wastewater tank
- Minimum maintenance costs-simple construction, high quality components
- Minimum power consumption-only 75 kWh per person, per year!
- Tank comes in two stackable pieces for low-cost transportation
- Odourless. The entire system is immediately activated with oxygen using unique One2Clean technology

Efficiency factor
of up to
99%!

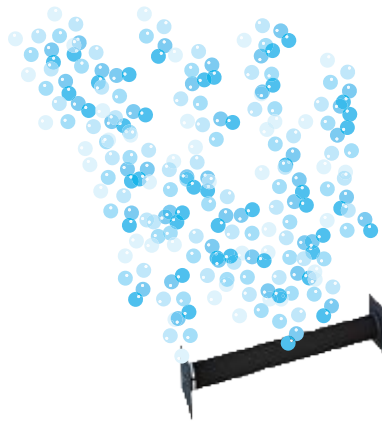
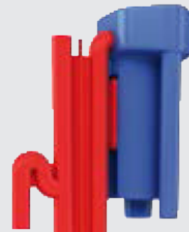
barrplastics.com | 1.800.665.4499

The One2Clean

Wastewater Treatment Systems

One2Clean Setting-up Kit

- Unlike conventional wastewater treatment systems which use up to three pumping processes, the One2Clean only requires one. This saves energy and extends the lifetime of the air compressor—the core part of the system.
- Rugged clear water lifter is manufactured in one seamless piece. No connectors or screws necessary.
- Simple maintenance via an integrated, self-cleaning sampling container



One2Clean System Control

- Compact designed controller
- Simple operation and maintenance
- Ultra quiet, thanks to silent diaphragm compressor
- Automatic power failure detection

Wastewater Treatment Systems

barrplastics.com | 1.800.665.4499

The One2Clean

Contact BARR
Plastics Today!

barrplastics.com | 1.800.665.4499



The One2Clean only needs 3 steps to produce clear water.



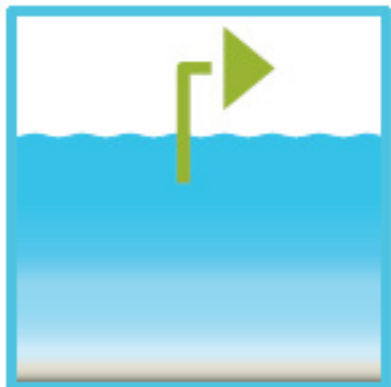
1. Wastewater Treatment

The wastewater arrives directly in the biological zone without the need for pumping processes. Aeration of the entire container leads to immediate wastewater activation. The micro-organisms begin the biological cleaning process without delay.



2. Settling Phase

Aeration is interrupted by the control unit and the activated sludge sinks to the bottom. A clear water zone develops in the upper part of the container.



3. Clear Water Extraction

The treated clear water is extracted from the system and the cleaning process can begin once more.



barrplastics.com | 1.800.665.4499

The One2Clean

Wastewater Treatment Systems

One-Reservoir Systems

Max Inhabitants	USG	IG	LTR	Daily Flow (LPD)	Length (in)	Height (in)	Weight (lbs)
3	700	590	2700	450	66.5	81.9	385
5	990	820	3750	750	74	89.8	485
7	1270	1050	4800	1050	83	89.8	585
9	1720	1430	6500	1350	94.1	89.8	585

Two-Reservoir Systems

Max Inhabitants	USG	IG	LTR	Daily Flow (LPD)	Length (in)	Height (in)	Weight (lbs)
7	1420	1190	5400	1050	66.5	184	430
10	1980	1650	7500	1500	74	199	660
14	2540	2100	9600	2100	83	199	820
18	3430	2860	13000	2700	94.1	208	970

Cleaning Performance Values

Wastewater Parameter	Cleaning Performance	Efficiency Factor
Chemical Oxygen Demand	26 mg/l	96%
Biochemical Oxygen Demand	5 mg/l	99%
Ammonium Nitrogen	0.4 mg/l	99%
Total Nitrogen	13 mg/l	79%
Total Suspended Solids	6 mg/l	98%