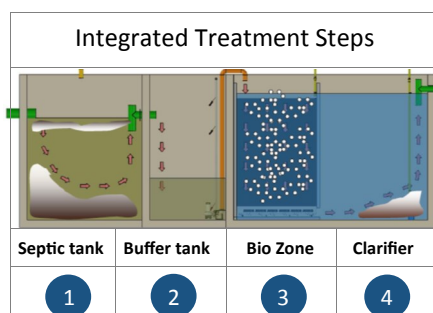


BioContainer

Product Description

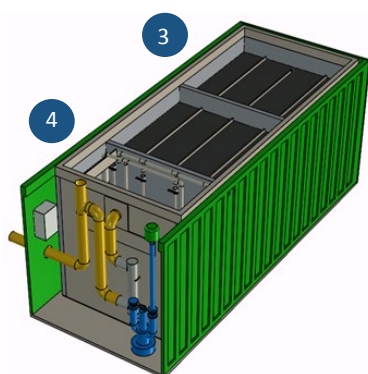
BioContainer Systems are containerized Sewage Treatment Plants, most commonly used for treating waste water at camps, oil rig sites & remote locations. BioContainer comes in different versions of integration of cleanings steps, transportability and capacity. The systems are typically installed above ground for non-permanent installations.



BioContainer - Papua New Guinea

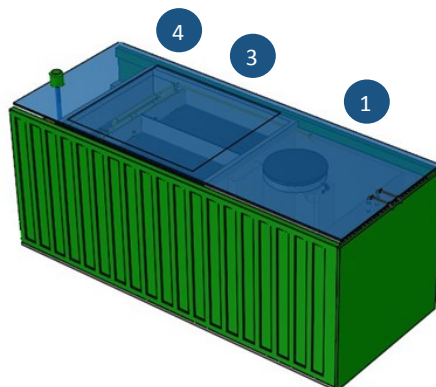
BioContainer, BioMax

External buffer tank & septic tank



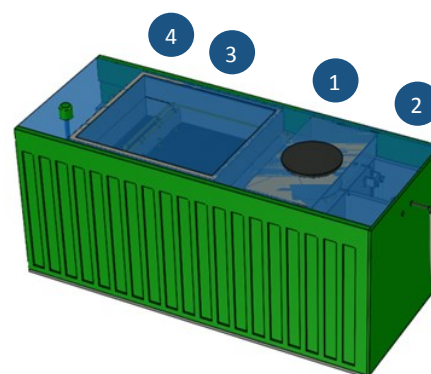
BioContainer, Combi EB

External Buffer tank



BioContainer, Combi IB

Internal Buffer tank



BioContainer Specifications

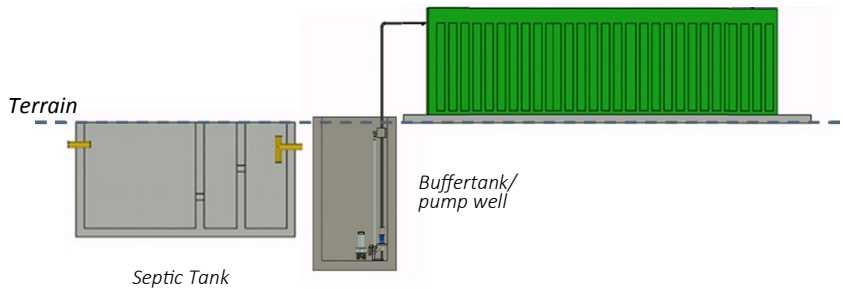
	20' BioMax	40' BioMax	20' Combi EB	40' Combi EB	20' Combi IB	40' Combi IB
Height (mm)	2,900	2,900	2,900	2,900	2,900	2,900
Width (mm)	2,440	2,440	2,440	2,440	2,440	2,440
Length (mm)	6,060	12,190	6,060	12,190	6,060	12,190
Weight (kg)	4,800	9,500	4,800	9,500	4,800	9,500
Weight with water (kg)	19,000	58,000	19,000	58,000	19,000	58,000
Power consumption (kwh/day)	57.7	171.0	39.4	57.7	39.4	57.7
Inlet Pipe connection	Flex pump hose	Flex pump hose	Flex pump hose	Flex pump hose	Flex pump hose	Flex pump hose
Outlet height (mm)	1,000	1,000	1,000	1,000	1,000	1,000
Inlet/outlet pipe diameter (mm)	110/110	110/110	110/110	110/110	110/110	110/110
Tank Material, inner tank	PP, UV-stabl.	PP, UV-stabl.	PP, UV-stabl.	PP, UV-stabl.	PP, UV-stabl.	PP, UV-stabl.
Airpiping material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Outlet & sludge return pipe (mm)	110	110	110	110	110	110
Max materload pr. unit (m ³ /day)	39-98	78-195	21-51	41-103	18-47	35-88
No. electrical phases required	3	3	3	3	3	3

BioContainer

Full system installation principles

BioContainer, BioMax

External buffer tank & septic tank



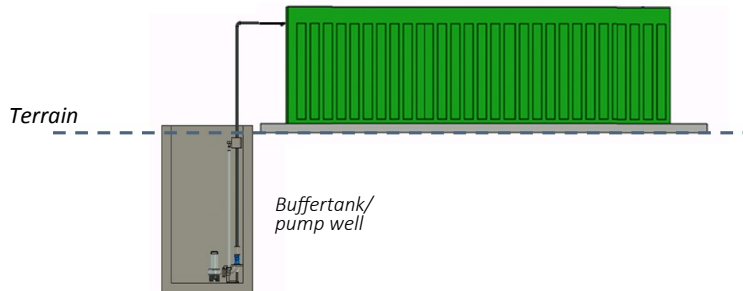
The BioContainer "BioMax" must be placed on a load bearing horizontally leveled surface with a maximum variation of + or - 1 cm per 4 mtrs.

The surface must consist of either stable compressed gravel or 200 mm cast concrete slab built on stable soil. The "BioMax" version requires an externally installed buffer tank and septic tank. The system is hence regarded a semi-transportable system, allowing parts of the cleaning chain to be transported to alternative locations.

BioKube can supply transportable septic tanks.

BioContainer, Combi EB

External buffer tank



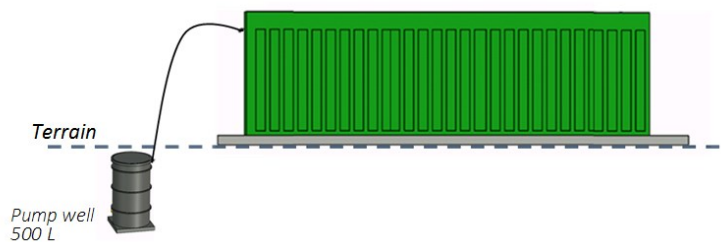
The BioContainer "Combi EB", must be placed on a load bearing horizontally leveled surface with a maximum variation of + or - 1 cm per 4 mtrs.

The surface must consist of either stable compressed gravel or 200 mm cast concrete slab built on stable soil.

The "Combi, EB" version requires an externally installed buffer tank. The system is hence regarded a semi-transportable system, allowing parts of the cleaning chain to be transported to alternative locations. BioKube can supply transportable buffertanks in enforced plastic material.

BioContainer, Combi IB

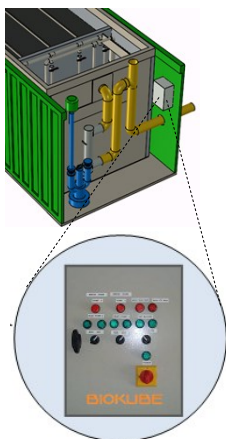
Internal buffer tank



The BioContainer, "Combi IB", must be placed on a load bearing horizontally leveled surface with a maximum variation of +- 1 cm per 4 mtrs. The surface must consist of either stable compressed gravel or 200 mm cast concrete slab built on stable soil.

The "Combi, IB" version has all cleaning steps integrated and is hence regarded a fully transportable system.

Control of electrical components

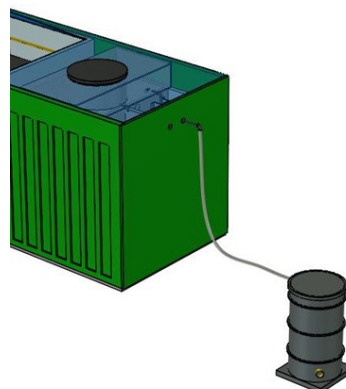


Control Box

All electrical component in the BioContainer system; e.g. blowers, pumps, UV units, are integrated and connected to the integrated control box, from where the power is distributed and controlled.

The plant is normally powered with 340 Volt, 3 phase power supply. Remote surveillance and control can be optionally applied.

Inlet Principles



The BioContainer units are delivered with a 10 metre flexible inlet pump hose allowing trouble free initial transfer of the waste water to the system.

Depended on system type, the inlet pumps can be placed on e.g. guidelines or in a specially constructed transfer pump well.