



Standardised Waste Water Systems

BIO COMPACT BC-SBR50 & SBR100

Modular Design – for waste water treatment

UNIT	SBR50	SBR100
Capacity [m ³ /d]	50	100
Peak flow [m ³ /h] **	5	10
Population Equivalent [PE60]	250	500
Installed Power [kW]	8	12
No. of containers	1 x 20 ft	1 x 40 ft

** Relevant for sizing of buffer tank & Pumping station

Larger capacities can be obtained by combining multiple Units

Scope of supply:

Buffer tank & Pumping Station:	submersible sewage pump with grinding system & accessories
Pumping Station:	incl. dry run protection, piping and valves, accessories
Biological Treatment:	SBR – Tank with aeration system (fine bubble), decanting system and accessories (Piping , Valves, Instruments)
Excess sludge pumps:	pre-installed in SBR Tank incl. piping and valves
Electrical System:	Power supply and process control for all plant equipment

Options

- Inlet screens (Manual / Automatic)
- Sludge Treatment Systems
- Tertiary treatment (Filtration & Disinfection system)
- Stand-By Equipment