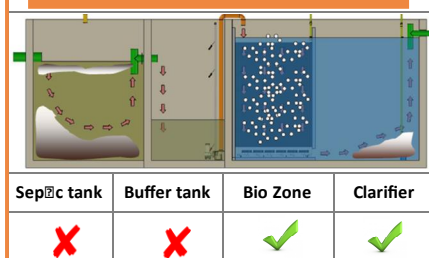


Jupiter A.G

Product Description

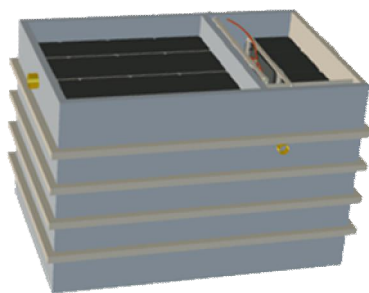
BioKube's Jupiter Above Ground (A.G) systems are STP plants commonly used for treating waste water from hotels, resorts & smaller villages with daily inlet values of up to 250 m³. The systems are installed above ground after a septic tank and a buffer tank.

Integrated Treatment Steps

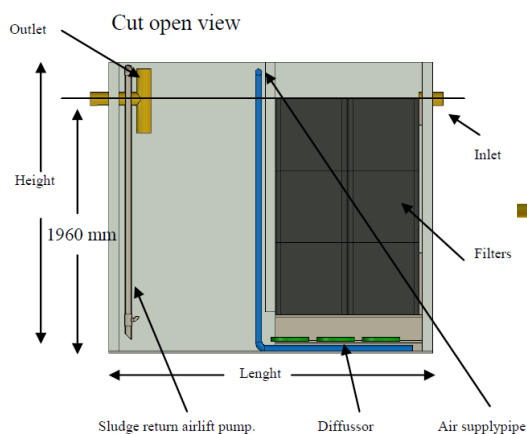


A Jupiter A. G. installed in a Hotel Basement

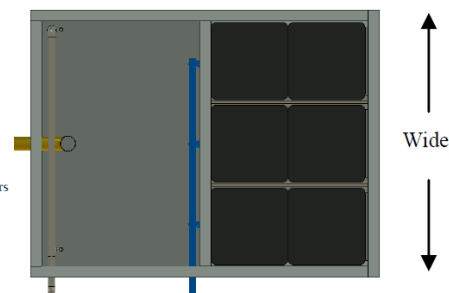
Dimensions and Pipe Placement



3D view of a Jupiter A.G. system, Tank is supported by galvanised steel frames and steel bars through the tank.



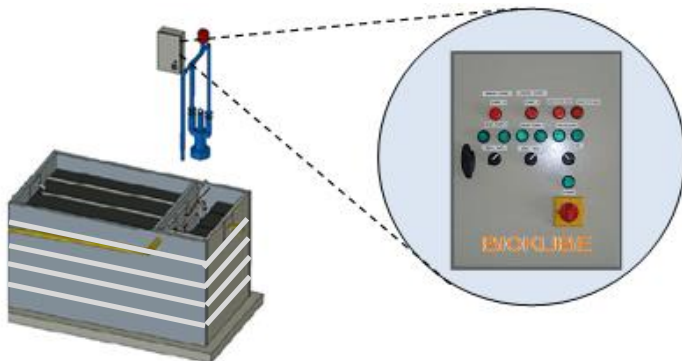
Profile view of a Jupiter A.G. system



Top view of a Jupiter A.G. system

	Jupiter A.G. 15	Jupiter A.G. 25	Jupiter A.G. 50	Jupiter A.G. 75	Jupiter A.G. 100
Height (mm)	2,215	2,215	2,215	2,215	2,215
Wide (mm)	2,280	2,280	2,280	2,280	2,280
Length (mm)	2,070	2,920	3,420	4,070	5,570
Weight (kg)	1,100	1,500	1,750	2,100	2,850
Weight with Water (kg)	8500	12,454	14,871	18,073	24,623
Power consumption (kwh/day)	20	29.7	40.3	60.4	63.7
Diameter Air Pipes (mm)	50	50	50	50	50
Inlet/Outlet Pipe Diameter (mm)	110/110	110/110	110/110	160/160	160/160
Tank Material, outer tank	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Piping Material	PVC	PVC	PVC	PVC	PVC
Outlet & Sludge Return Pipe (mm)	110	110	110	110	110
Waterload (m ³ /day/unit)	10-40	10-40	18-60	25-80	35-110
No. of electrical Phases Required	3	3	3	3	3

Jupiter A.G



Jupiter A. G. System

BioKube Standard Control Box

BioKube Control Units

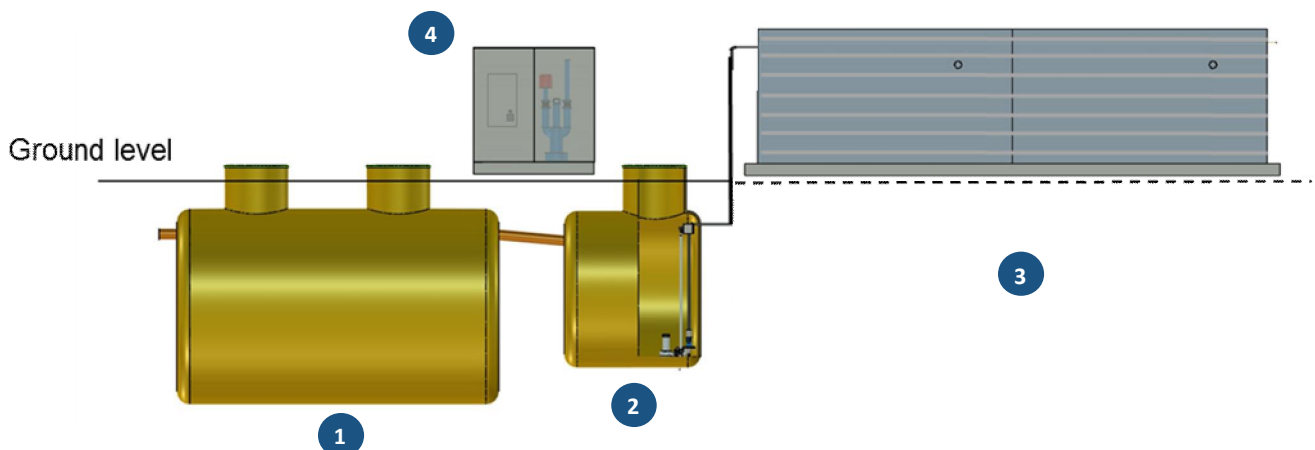
All electrical component in the Jupiter A.G. System Unit; e.g. blowers, pumps, UV-units , are integrated and connected to the BioKube Standard Control Box, from where the power is distributed and controlled.

The Control Box is placed in an external weather protected shed (see drawing).

The plant is normally powered with 230V, 1-phase or 400 Volt, 3-phase power supply.

Systems for 110V power supply regions can be supplied upon request.

Full Installation Principles



Installation Components

The Jupiter A.G. system is typically installed in ground after a septic tank & buffer-tank. The septic tank & buffertank of plastic material should be supplied locally from one of many standard suppliers. Alternatively it can be casted on site in concrete.

- 1 Septic Tank
- 2 Buffer Tank
- 3 Jupiter A. G. Treatment Unit
- 4 Shed with Control Box and Blower

A complete system can consist of multiple Jupiter A. G. Units modular installed in either series or parallel.

For more information see the installation manual.