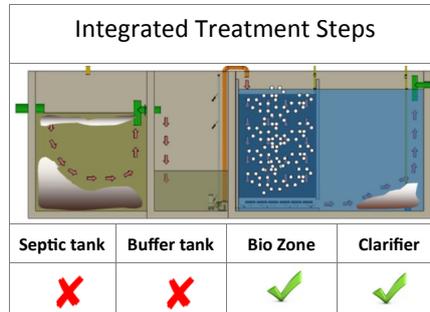


Jupiter A.G

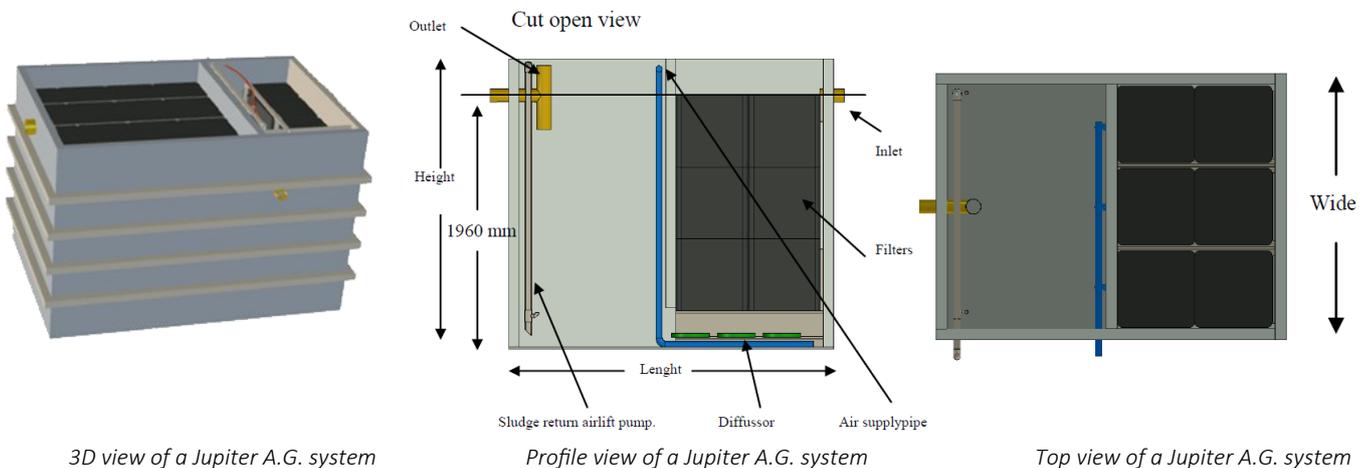
Product Description

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.



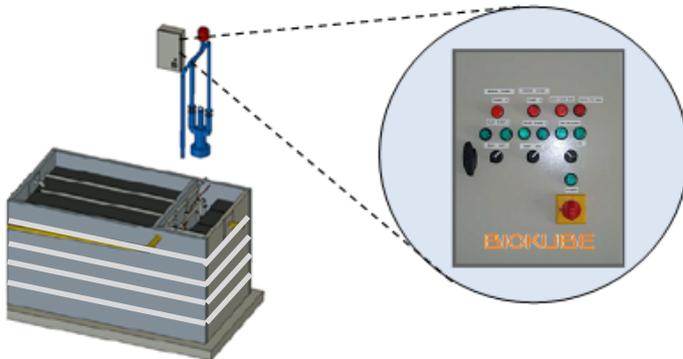
A Jupiter A. G. installed in a Hotel Basement

Dimensions and Pipe Placement



| | 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) | 2,160 | 2,160 | 2,160 | 2,160 | 2,160 |
| Length (mm) | 1,950 | 2,800 | 3,300 | 3,950 | 5,450 |
| Weight (kg) | 600 | 850 | 1200 | 1,950 | 2,255 |
| Weighth 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 |
| Diametre Air Pipes (mm) | 50 | 50 | 50 | 50 | 50 |
| Inlet/Oulet Pipe Diametre (mm) | 110/110 | 110/110 | 110/110 | 160/160 | 160/160 |
| Tank Material, outer rank | Polyprobylen | Polyprobylen | Polyprobylen | Polyprobylen | Polyprobylen |
| Piping Material | PVC | PVC | PVC | PVC | PVC |
| Oulet & 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 Unit

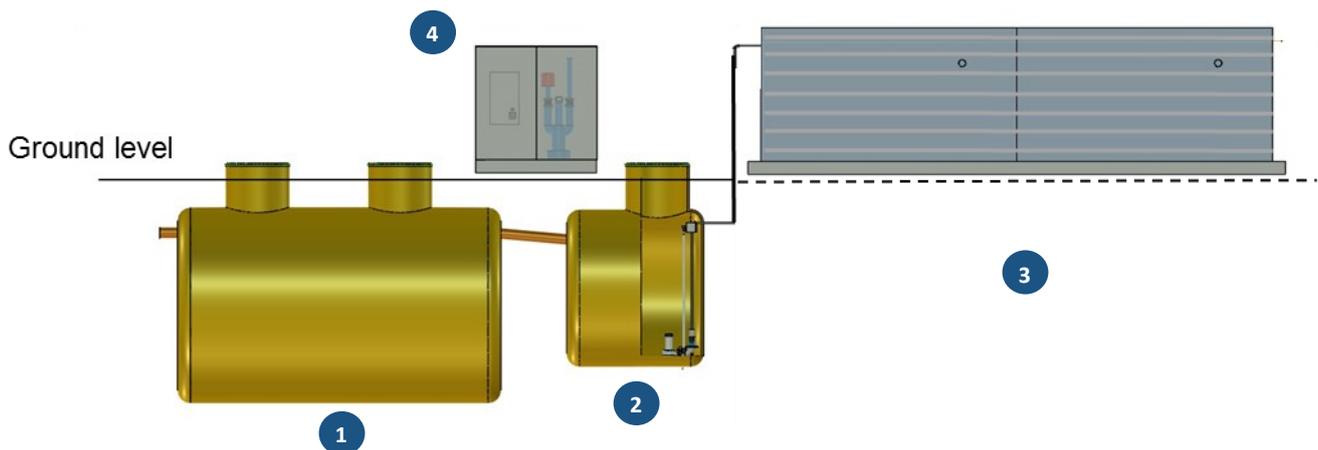
All electrical component in the Jupiter A.G. System Unit; e.g. blowers, pumps, UV-units , are integrated and connected to the BioKube Standard Control Box, from where the power is distributed and controlled.

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

The plant is normally powered with 340 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.

Septic Tank

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