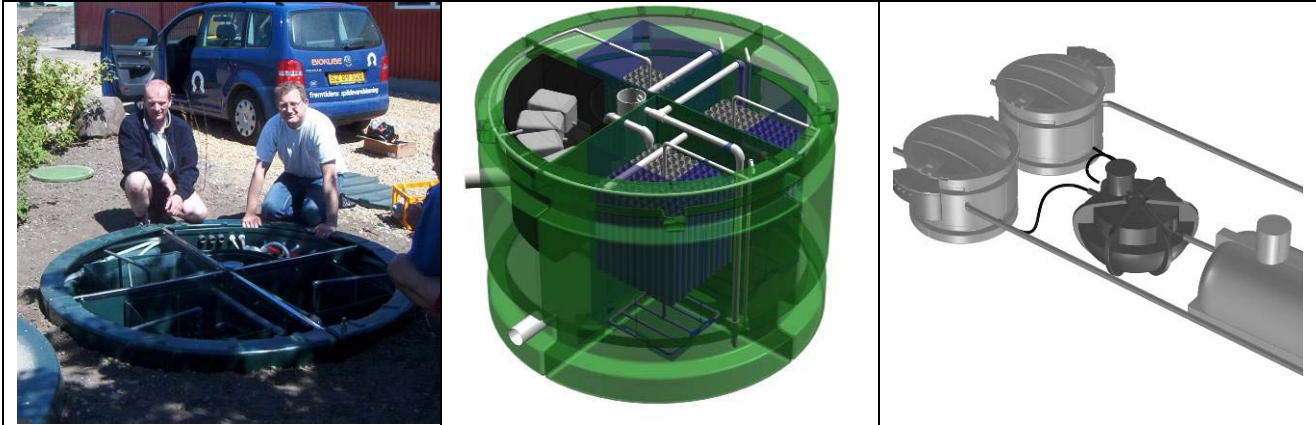




## BioKube Mars Systems 10 – 30 PE



### Specifications:

Cleaning Specifications	EU Standard (O) or Elite (SO)
Daily water load	EU Standard: 15 - 30 PE (2.000 – 4000) litres/day Elite: 10 - 30 PE (2.000 – 4000 litres/day)
Dimensions	Ø 200 cm, H 150 cm
Weight	315 kg
Power supply	10PE:1050 kwh, 15 PE: 2200kwh, 20 PE: 3600kwh, 30 PE 4000 kwh
Required size of Septic tank	10 PE Mars: 4,5 m <sup>3</sup> minimum if emptied every 12 months. 15 PE Mars: 6,0 m <sup>3</sup> minimum if emptied every 12 months. 20 PE Mars: 8,0 m <sup>3</sup> minimum if emptied every 12 months. 30 PE Mars: 12,0 m <sup>3</sup> minimum if emptied every 12 months
Depth of water inlet	100 cm 10 PE, 135 cm 15 – 30 PE
Number of air blowers	3 – 4 dependant of cleaning capacity
Cleaning chambers	3 – 4 all with an aerated zone and a settlement zone
CE marked and approved	Yes
CEN norm	Approved after CEN 12566 -3
Country of origin	Denmark
Casing material	PE, UV-stabilized.
Phosphate removal	polyaluminiumchloride, dosing individually computer controlled
Crushing resistance	

# General Description

BioKube Mars Systems are very compact wastewater treatment systems. The 10 PE Mars have its technical box and pumpwell integrated, the 15 to 30 PE Mars have a external technical box and pumpwell.

Mars Komponenten:

Component	10 PE Elite		15 PE Standard.	
	type	P (watt)	type	P (watt)
Blower 1	BA 80	82	BA 80	82
Blower 2	BA 60	58	BA 60	58
Blower 3	BA 40	40	BA 40	40
Blower 4			BA40	40
Controlbox	BK	1	BK	1
Alarmkomponent	Hager 413	0.01	Hager 413	0.01
Dosering pump	SI-Instruments	5	SI-Instruments	5
Diffussor	Gummijäger		Gummijäger	
Magnetvalve 2 pcs.	Mivalent SB160	8	Mivalent SB160	8
Total consumption a year		1500		2200
Component	20 PE Elite		30 PE Standard.	
	type	P (watt)	Type	P (watt)
Blower 1	BA 100	105	BA 100	118
Blower 2	BA 100	105	BA 100	118
Blower 3	BA 100	105	BA 100	118
Blower 4	BA 100	105	BA 100	118
Controlbox	BK	1	BK	1
Alarmkomponent	Hager 413	0.01	Hager 413	0.01
Dosering pump	SI-Instruments	5	SI-Instruments	5
Diffussor	Gummijäger		Gummijäger	
Magnetvalve 2 pcs.	Mivalent SB160	8	Mivalent SB160	8
Total consumption a year		3600		4400