

VIRAT

Nanobubble Generator



NanoKriti

Nanobubble technology



Applications

- Anaerobic digestion
- CO₂ capture
- Process industries

Distinct Features:

- ~120 nm mean size nanobubble diameter
- 75-80 % Ozone Transfer Efficiency (OTE)
- $>1 \times 10^8$ Nanobubbles / mL
- Plug-and-play installation & easy maintenance.



+918264733672



www.nanokriti.com



info@nanokriti.com

VIRAT series		
	VIRAT500	VIRAT1000
Voltage	415V	415V
Phase	3+N	3+N
Hz	50	50
Pump Motor Power (hp)	40	60
Current per phase (Amps)	56.6 A	84.6 A
PUMP		
Pump Type	Centrifugal pump	
Material of construction	SS 304	
UNIT CONNECTIONS		
Suction (inch)	8.0	14.0
Discharge (inch)	8.0	14.0
DIMENSIONS AND WEIGHT		
Height, ft	5.5	5.5
Width, ft	2.5	2.5
Length, ft	4.5	4.5
Weight, kg	800	1000
CAPACITY		
Liquid Flow rate, m ³ /hr	500.0	1000.0
Head, m	10	10
CO ₂ flow rate, kg/hr (ton/hr)	125 (0.25)	250(0.5)

**Specifications may change due to constant improvement of design and development