Conserving Resources,
Preserving the Future.

THERMAX

- Air Pollution Control
- Boiler and Heater
- Build-Own -Operate
- Chemical
- Cooling
- Projects and Energy Solutions
- Process Heating
- Renewable Energy
- Water and Waste Solutions


**Registered Office**

Thermax Limited
D-13, MIDC Industrial Area, R D Aga Road,
Chinchwad, Pune -411019, India
enquiry@thermaxglobal.com
Customer Care: 1800-209-0115

**Corporate Office**

Thermax House
14, Mumbai-Pune Road, Wakdewadi,
Pune -411 003, India
+91-20-66051200/25542122
+91-20-25541226


www.thermaxglobal.com

thermaxglobal thermax_global thermaxlimited

thermaxglobal thermaxmedia


This brochure presents only some of our products and we reserve the right to amend any product details without notice.
The photographs used in the brochure are indicative and may not match the actual plant

© 2022 Thermax limited. All rights reserved.



Version 1.0 | 25.12.2022

info@graphicjammedia.com


Water and Waste Solutions

THERMAX



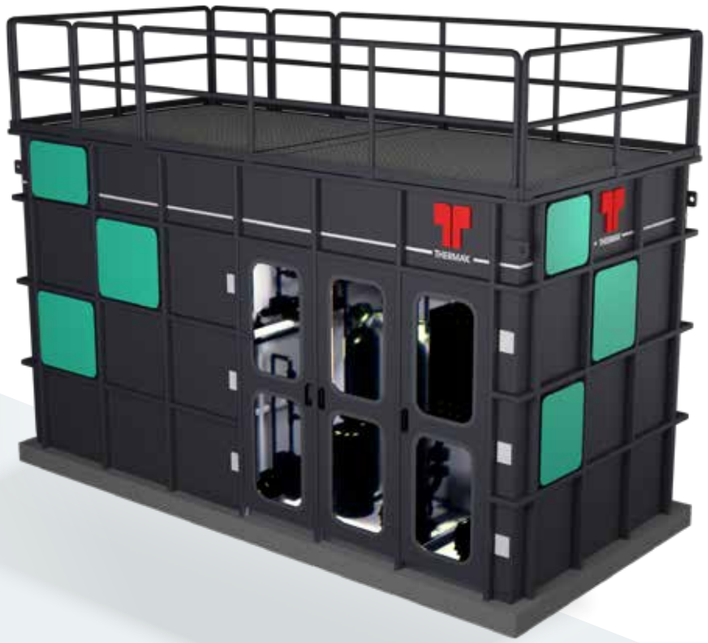
CuBe Modularized Sequential Batch-reactor

Completely Modularized Sewage Treatment Plant

# CuBe
Modularized
Sequential
Batch-reactor

Thermax's latest novel offering, 'CuBe', is a completely modularized Sequential Batch Reactor (SBR) for wastewater treatment. Catering domestic and commercial wastewater, 'CuBe' achieves De-nitrification followed by aeration-nitrification and clarification, in a timed sequence-batch mode - all in a single reactor basin. 'CuBe', offers reduced area footprint and considerable height reduction with minimal manual intervention. It offers higher flexibility in operating conditions with respect to feed flow and organic load. It also ensures effective reduction of total Nitrogen and Phosphorus.

SBR is an advanced version of Activated Sludge Process (ASP), wherein treatment happens in batches. The package typically includes pretreatment, prefabricated SBR Reactor and tertiary treatment which includes DMF and ACF.



## Product Capacities: 10, 20, 30 and 50 KLD

| PRODUCT SIZE **10 KLD** | PRODUCT SIZE **20 KLD** | PRODUCT SIZE **30 KLD** | PRODUCT SIZE **50 KLD** |
|---|---|---|---|
| Area ($m^2$) 8 | Area ($m^2$) 13.2 | Area ($m^2$) 19.36 | Area ($m^2$) 30.14 |
| Width (m) 2 | Width (m) 2.2 | Width (m) 2.2 | Width (m) 2.2 |
| Length (m) 4 | Length (m) 6 | Length (m) 8.8 | Length (m) 13.7 |

Product height is 2.4 m for basement installations

Note: These are the prefab product sizes.

## WHAT'S SPECIAL

- Completely **Modularized**
- **Higher Nutrient Removal**
- Completely **Automated** Operations
- Consistent **High Quality** Treated Water
- Most **Silent Plant**
- **50% Installation** Area Reduction
- **Upto 45% Lesser Height** Suitable for single basement installation
- **Offers Flexible Loading Conditions** Hydraulic and Organic
- Complies to **PCB Norms**
- Aesthetically Appealing **New Age Design**

## Connected Service Offerings

Thermax has first-of-a-kind series of four value added operations & maintenance services for effective and efficient plant management:

**Connect**
An basic assessment of the plants by Thermax experts

**Care**
A detailed assessement with check-up visits

**Extra Care**
Operation & Maintenance with Thermax-trained Manpower

## Market Segments

- Housing
- Hotels
- Hospitals
- Educational Institutes
- Commercial complexes & IT Parks
- Industries