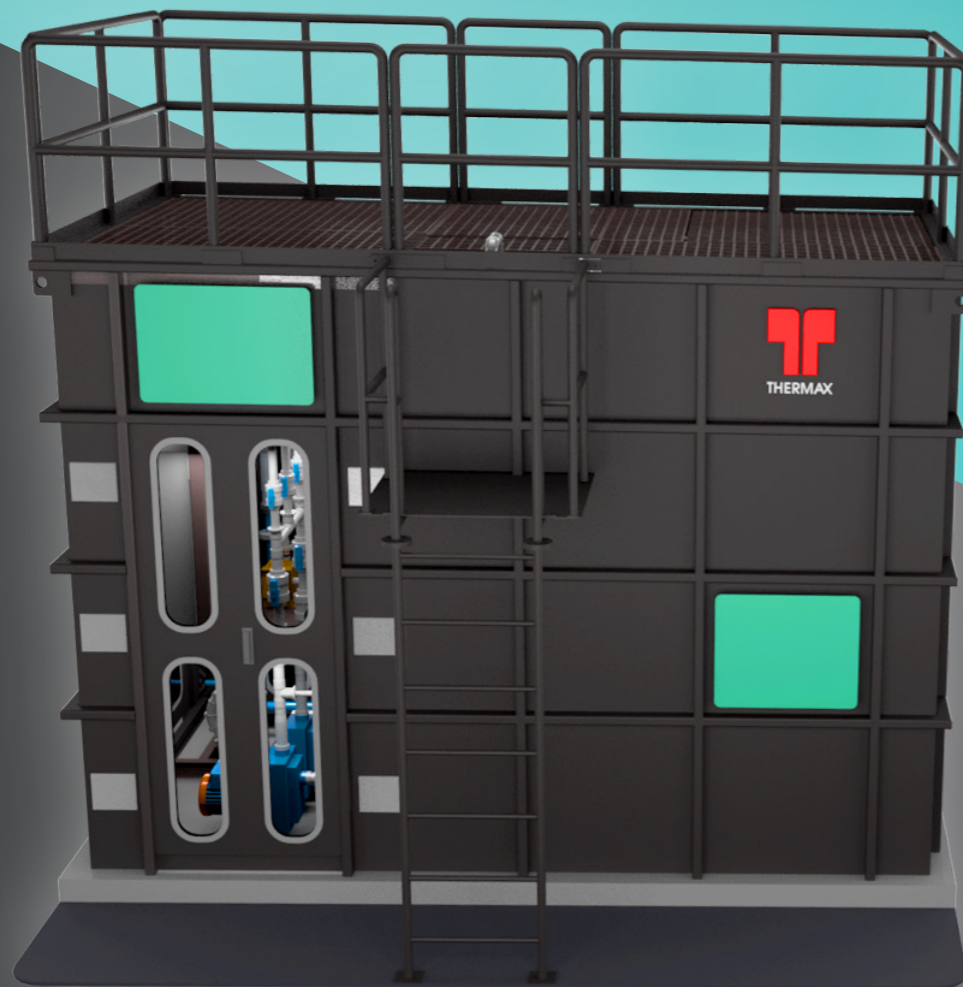


atoM Compact
Membrane
Bioreactor

The Most Compact
Sewage Recycle Plant

The latest offering from Thermax Water and Waste Solutions, atoM is a unique modularised MBR product to treat sewage efficiently; contributing to the circular economy model of reduce, reuse and recycle. This compact package consists of processes involving biological degradation of organic load and nutrients integrated with membrane filtration. Further, it eliminates nitrogen and phosphorus, consistently achieving good quality of treated sewage which is suitable for recycle and reuse. 'atoM' is available in both options, with and without nutrient removal.


Membrane bio-reactor is the combination of activated sludge process with membrane filtration system. This package includes screening, oil & grease removal, equalisation, fine screening, anoxic zone, aeration and membrane filtration.



Product Capacities 10, 20, 30 and 50 KLD

 Completely Modularised

 Most Compact Sewage Recycle Plant

 Completely Automated Operations

 Adherence to Safety Norms

 Complies with Latest PCB Norms

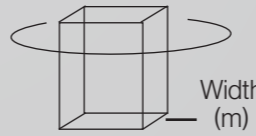
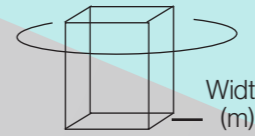
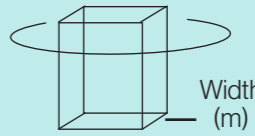
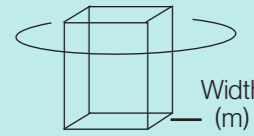
 55% Installation Area Reduction

 40% Lesser Height Suitable for Basement Installation

 Consistent High Quality Treated Water

 Most Silent Plant

 Aesthetically Appealing New Age Design

PRODUCT SIZE 10 KLD	PRODUCT SIZE 20 KLD	PRODUCT SIZE 30 KLD	PRODUCT SIZE 50 KLD
Area (m ²) 5.68	Area (m ²) 7.59	Area (m ²) 11.77	Area (m ²) 17.19
			
Length (m) 3.16	Length (m) 4.22	Length (m) 6.54	Length (m) 7.64
Width (m) 1.8	Width (m) 1.8	Width (m) 1.8	Width (m) 2.25
Product height is 2.5 m for basement installations			

Note: These are the prefab product sizes.

Connected Service Offerings

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

Connect



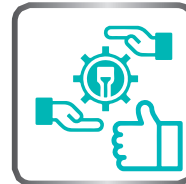
An basic assessment of the plants by Thermax experts

Care



A detailed assesement with check-up visits

Extra Care



Operation & Maintenance with Thermax-trained Manpower

Market Segments



Housing and Residential Complexes



Hotels



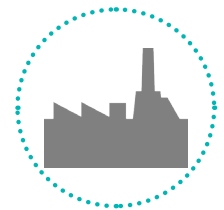
Hospitals



Educational Institutes



Commercial complexes & IT Parks



Industries



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Sustainable Solutions in Energy & Environment

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