



HICLEAR®

Wastewater treatment systems

HICLEAR® is a quality product from KHATIBENG

Product Catalog

DC-Series H-Series N-Series **All Product Families**

HICLEAR® Modular

Fibre reinforced plastic based wastewater treatment systems

Modular Wastewater Treatment Systems designed in Japan, manufactured in Thailand based on our **HICLEAR® Plug and Play** concept. They are delivered onsite in a **ready to install** condition.



DC-Series Aerobic Treatment Units

Treated water parameters:

BOD₅: 20 ppm

COD: 50 ppm

TSS: 20 ppm

Oil & Grease: 5 ppm

Applications:

Usually installed at high-rise condominiums, supermarkets, hospitals, factories, hotels and resorts

Operation & Maintenance:

Requires only occasional maintenance.

Power Consumption:

Requires electricity to operate. Supplied with high efficiency aeration systems

Zero sludge system:

Does not require additional sludge dewatering system or filter press

Product guarantee:

Up to 5 years product warranty

Individual Product Sizing:

| Flow per day (Cubic Metres) | Unit length (Metres) |
|--------------------------------|-------------------------|
| up to 15m ³ | 4 |
| up to 40m ³ | 6 |
| up to 60m ³ | 9 |
| up to 80m ³ | 12 |

Examples of Modular Capability:

| Flow per day (Cubic Metres) | Unit length (Metres) | Total Number (Units) |
|--------------------------------|-------------------------|-------------------------|
| up to 120m ³ | 6 | 3 |
| up to 250m ³ | 12 | 3 |
| up to 500m ³ | 12 | 6 |

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Fibre reinforced plastic based wastewater treatment systems

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N-Series Anaerobic Treatment Units

Treated water parameters:

BOD₅: 50 ppm

COD: 100 ppm

TSS: 100 ppm



Applications:

Usually installed at small guesthouses, military installations and camps

Operation & Maintenance:

Requires only minimal maintenance.

Zero power system:

Does not require electricity to operate

Zero sludge system:

Does not require additional sludge dewatering system or filter press

Product guarantee:

Up to 5 years product warranty

Individual Product Sizing:

| | |
|--------------------------------|-------------------------|
| Flow per day (Cubic Metres) | Unit length (Metres) |
| up to 20m ³ | 6 |

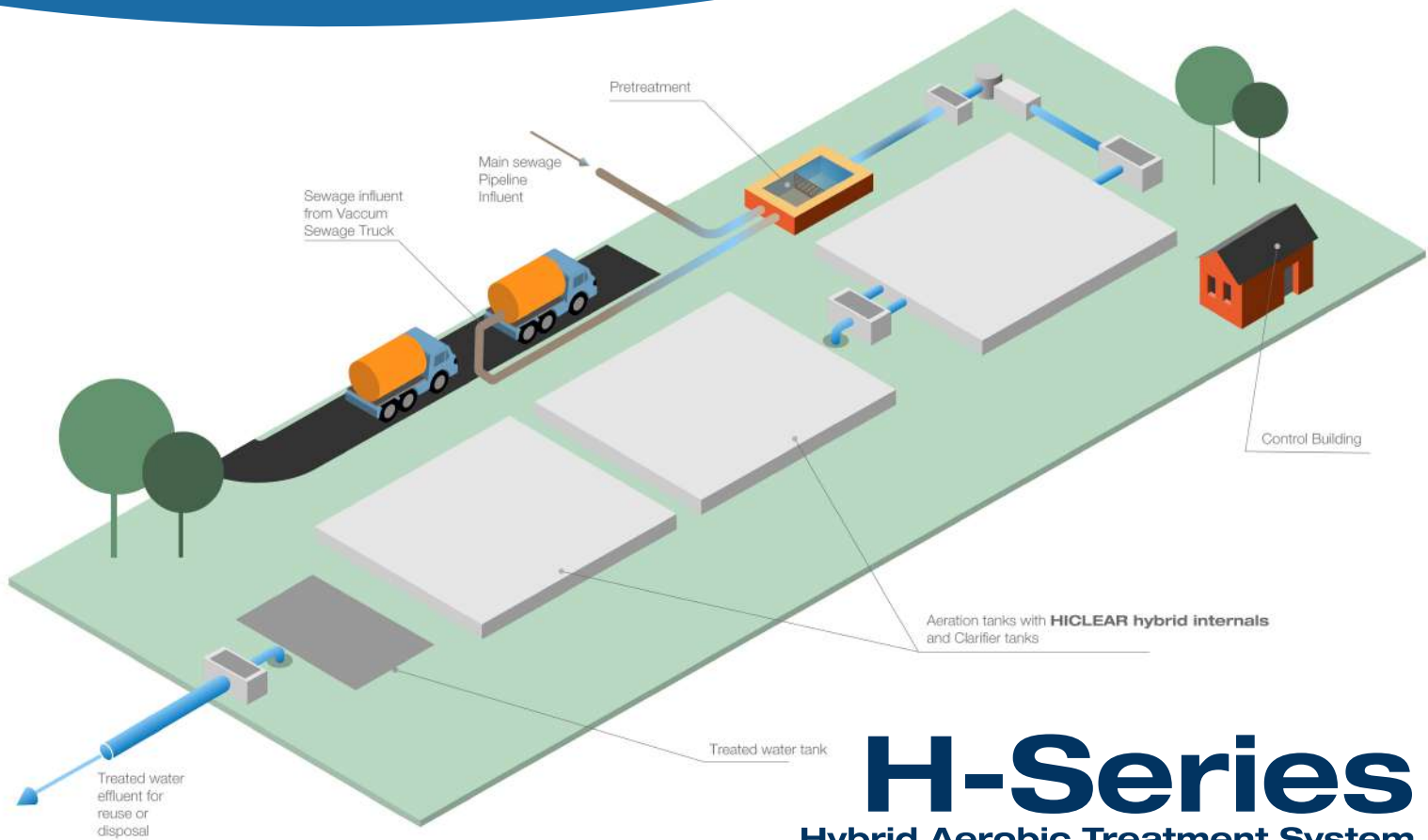
Examples of Modular Capability:

| Flow per day (Cubic Metres) | Unit length (Metres) | Total Number (Units) |
|--------------------------------|-------------------------|-------------------------|
| up to 100m ³ | 12 | 3 |

HICLEAR® Hybrid

Concrete based wastewater treatment systems

Hybrid Wastewater Treatment System manufactured in Japan, based on our **HICLEAR® Sludge-free & Odour-free** concept.



H-Series Hybrid Aerobic Treatment System

Treated water parameters:

BOD₅: 30 ppm

COD: 50 ppm

TSS: 30 ppm



Applications:

Usually installed at hospitals, high-rise condominiums, supermarkets, factories and hotels



Low noise system:

Preferred by hotels, residences and hospitals



Operation & Maintenance:

Requires only occasional maintenance.



Power Consumption:

Requires electricity to operate. Supplied with high efficiency aeration systems



Product guarantee:

Up to 5 years product warranty

Clientele

Across the world, **HICLEAR®** wastewater treatment units support luxury resorts, condominiums, supermarkets, farms, subway stations, food processing plants, factories, hospitals, universities and more.

