



## Engineered for Performance Through Partnership: Advanced HVAC Solutions for NEXTOPIA, Siam Paragon



Photo: Siam Paragon

### Background

At Carrier, our purpose is to make the world safer, healthier, and more sustainable through innovation. Every solution we deliver is guided by this commitment—supporting buildings that people rely on every day, while balancing performance, efficiency, and long-term responsibility.

Carrier continues its commitment to delivering reliable, future-ready cooling solutions for Thailand's most prominent developments. At NEXTOPIA, part of Siam Paragon's vision for an innovative and sustainable retail environment that integrates eco-friendly technology, art, and community, Carrier supported the project through the deployment of 19DV high-efficiency chiller and lifecycle solutions, delivered in collaboration with a leading local engineering partner.

This project reflects Carrier's focus on engineering excellence, operational efficiency, and delivering proven chiller technology for complex, high-demand buildings.



Photo: NEXTOPIA, Siam Paragon

## Engineered for a Landmark, High-Demand Environment

Siam Paragon operates in a highly dynamic environment where cooling performance, reliability, and energy efficiency are critical to daily operations. To meet these requirements, Carrier delivered a solution designed to support continuous operation, stable performance, and long-term efficiency in a world-class commercial destination.

Leveraging Carrier's global leadership in chiller technology, the solution was carefully engineered to align with the operational demands of a large-scale, high-usage commercial facility, supporting both tenant comfort and visitor experience throughout extended operating hours.

### Our Offerings:

- 19DV Water Cooled Chiller
- Carrier BluEdge™ Service
- Preventive Maintenance Program

The oil-free Carrier 19DV chiller delivers high efficiency, reliability, and low total cost of ownership, using HFO PUREtec™ refrigerant (R1233zd(E)) with an ultra-low GWP of approximately 1. With fast restart capability after power restoration, the system provides resilient, energy-efficient cooling for demanding commercial environments.

The solution is supported by Carrier BluEdge™ service with a preventive maintenance program and is aligned with Carrier's connected service approach, designed to enhance lifecycle performance, service responsiveness, and long-term operational confidence.



AquaEdge® with Greenspeed® 19DV  
Water Cooled Ceramic Bearing Centrifugal Chiller with R-1233zd(E) refrigerant





## Delivering Value in a High-Usage Environment

- **Reliable Cooling for Daily Operations** - Siam Paragon requires stable cooling performance to support tenant comfort and visitor experience throughout extended operating hours. The 19DV chiller system is engineered to deliver dependable performance in demanding conditions.
- **Energy-Efficient System Design** - The chiller solution supports improved operational efficiency, helping manage energy consumption while maintaining required capacity—an essential factor for large commercial buildings.
- **Expert Delivery Through Partnership** - Working with B.Grimm Technologies, Carrier ensured the system was delivered in line with project expectations, from technical coordination to installation readiness. This partnership strengthened execution quality and long-term system reliability.
- **Designed for Integration and Longevity** - The chiller solution is suited for integration into centralized plant operations, supporting ease of management, maintenance planning, and future adaptability.
- **Flexible Installation and Long-Term Service Assurance** - The 19DV chiller solution supports installation flexibility to accommodate existing plant conditions, while Carrier BluEdge™ service with a preventive maintenance program helps ensure system reliability, optimized performance, and long-term operational confidence.

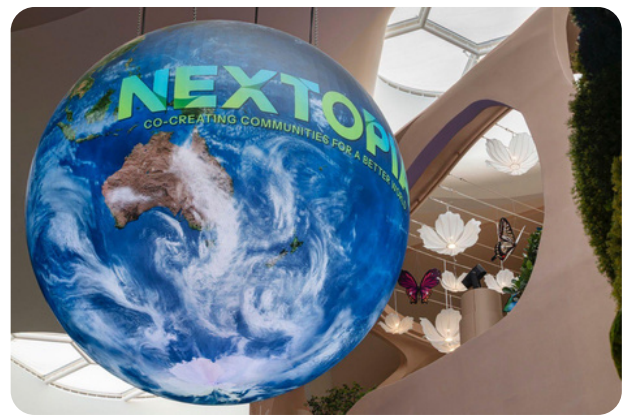


Photo: NEXTOPIA, Siam Paragon

“NEXTOPIA reflects the vision of Siam Piwat and Siam Paragon in driving innovation for sustainability. Carrier’s solutions help enhance reliable operational performance and support efficient, long-term building management”



“Through proven chiller technology and lifecycle service expertise, Carrier remains committed to supporting Thailand’s developments with efficient, reliable, and future-ready cooling solutions.”



**Victor Yu**  
Managing Director  
Carrier Thailand

## Partnership That Drives Sustainable Performance

The NEXTOPIS at Siam Paragon project demonstrates Carrier’s commitment to supporting complex commercial developments with efficient, reliable, and future-ready cooling solutions designed for long-term performance.

## How our solution supports Siam Paragon

Through the implementation of Carrier’s solution, Siam Paragon benefits from:

- Stable and efficient cooling performance
- A centralized solution suitable for large-scale operations
- Long-term reliability supported by a strong local partner

This approach reinforces NEXTOPIA at Siam Paragon’s position as a premium destination where performance and operational excellence go hand in hand.

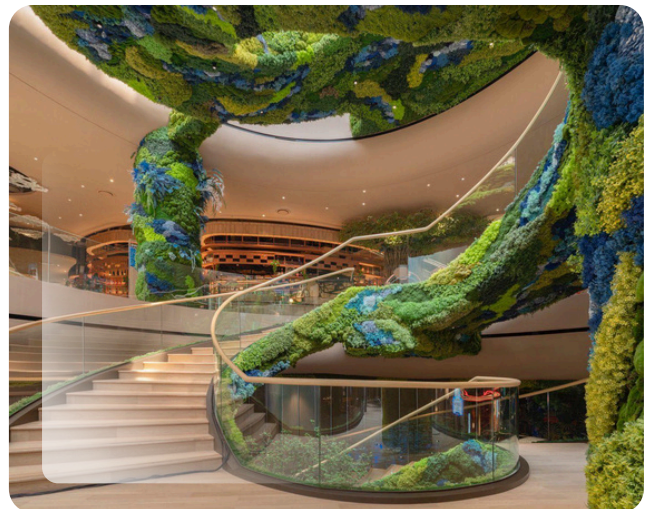


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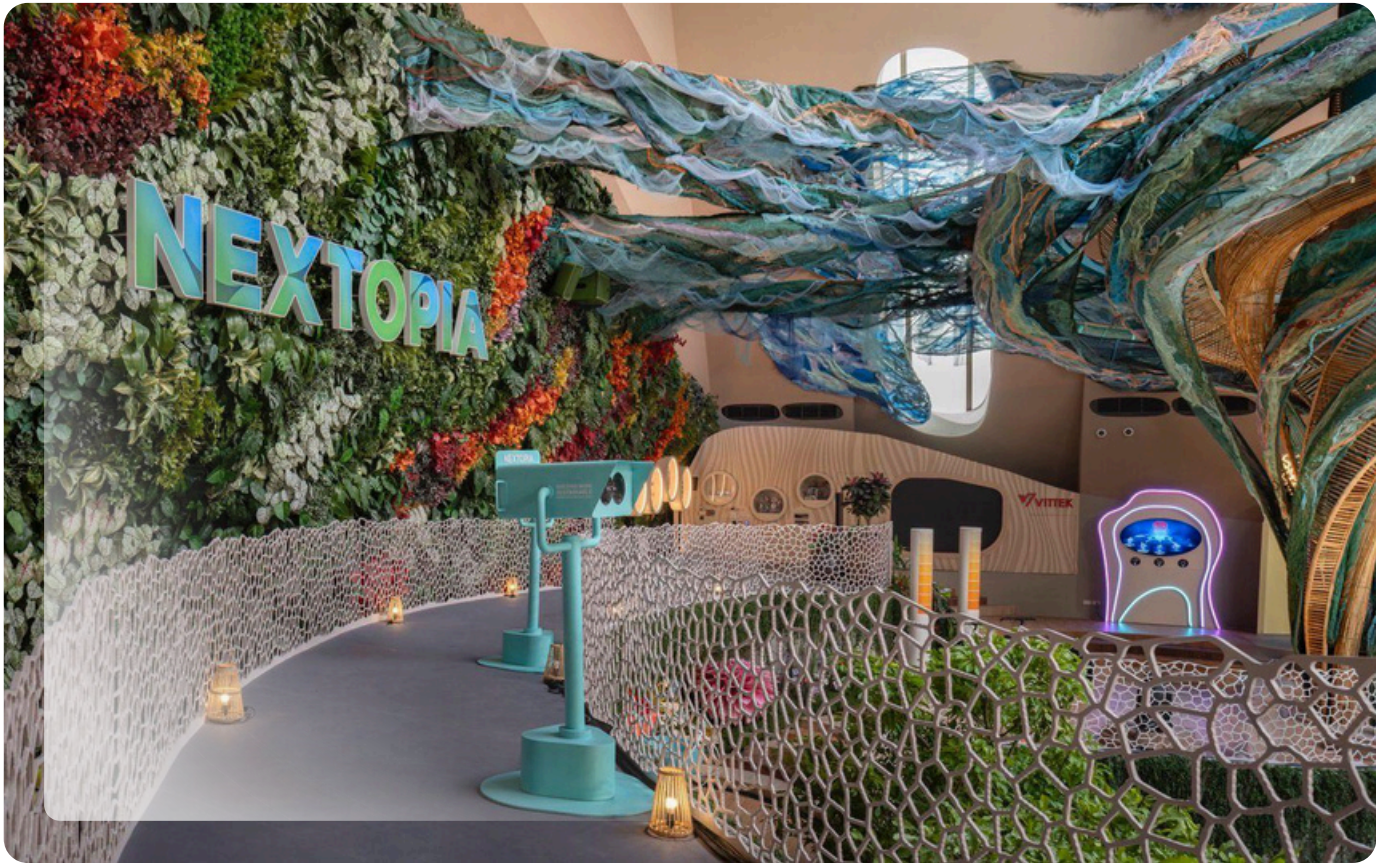


Photo: NEXTOPIA, Siam Paragon

## Project Summary

**LOCATION:** Bangkok, Thailand

**EQUIPMENT:** 19DV Water Cooled Chiller

**PROJECT TYPE:** Retrofit

**OPTION:** BluEdge + Preventive Maintenance

**PROJECT SIZE:** 500,000 sq.m.

**INSTALLATION:** 2025  
**DATE**

**FACILITY USAGE:** Retail



For more details visit [www.carrier.com/th](http://www.carrier.com/th)