

# Efficiency at its peak

## FW SERIES

Introducing our latest cutting-edge FW (FANWALL) SERIES architected with intensive data centre operations in mind. We designed a highly customizable and scalable modular system to meet diverse client requirements.

With almost two decades of precision cooling experience, we engineered the most important principles of into our solution: efficiency and accessibility.

Our innovative FW SERIES drastically lowers total cost of ownership (TCO) through hot & cold aisle containment and reduced need for raised floor construction.

Breaking conventional norms, the FW SERIES features EC fans placed at the back instead of sides for ease of maintenance. Strategic front door design allows maintenance engineers to access the EC fans with ease.



## Key Features

### BUILT FOR HYPERSCALE



#### **CUSTOMIZABLE CAPACITY**

Modular design can be adapted to specific spaces and requirements.



#### **LOWER PUE**

Efficient system surpasses local standard PUE requirement.



#### **ROBUST BUILD**

Durable steel structure engineered for intensive data centre purposes.



#### **LOWER CAPEX**

Slash start-up capital expenditure through cost-effectiveness.



#### **RELIABLE AIR QUALITY**

Filter panels ensure performance and longevity of equipment.



#### **REDUCED HOTSPOTS**

Unique uniform horizontal airflow technology reduces hotspots.



#### **ACCESSIBLE DESIGN**

Front door access allows for ease of maintenance.



#### **SMART CONTROLLER**

Full control access to all components with various modes for efficiency.

## Project Reference

# TAILORED SOLUTIONS

**canatec**



Currently one of the most advanced chilled water cooling systems in the industry, our CANATEC FANWALL unit delivers highly reliable and efficient cooling to even the largest data centres.

In this highlighted project, we deployed our standardized model to enable quick delivery within the stipulated timeframe.

### CUSTOMER PROFILE:

HYPERSCALE DATA CENTRE

### SOLUTION:

FANWALL UNITS

### TOTAL CAPACITY:

80MW

### CAPACITY PER UNIT:

230-280kW

## Standard Configurations

# MODULAR FLEXIBILITY

Our modular precision cooling solution is designed with adaptability in mind, allowing for precise customization to align perfectly with your cooling requirements. With our numerous options, Canatec is able to assemble units according to customer needs.

TECHNICAL DATA	FW-250	FW-500	FW-750
COOLING CAPACITY	250kW	500kW	750kW
DIMENSIONS (W x D x H)	2500 x 1800 x 4000	5000 x 1800 x 4000	7800 x 1800 x 4000





## About us

# Staying connected through creativity, commitment and consistency

We strive to deliver integrated data centre solutions while aligning with respective industries and environmental standards.

We aspire to be the preferred precision cooling solutions partner for mission critical infrastructure across the region.

## 17 YEARS OF EXPERIENCE

Established in 2007, Canatec is a leading provider of precision cooling solutions in the Southeast Asian region.

## 2500 UNITS ACROSS S.E.A

We're trusted with thousands of systems across Southeast Asia, a testament to our wealth of experience.

## CUSTOMIZATION IS OUR FORTE

Canatec controls the manufacturing process and can adapt solutions to fit all individual requirements.

