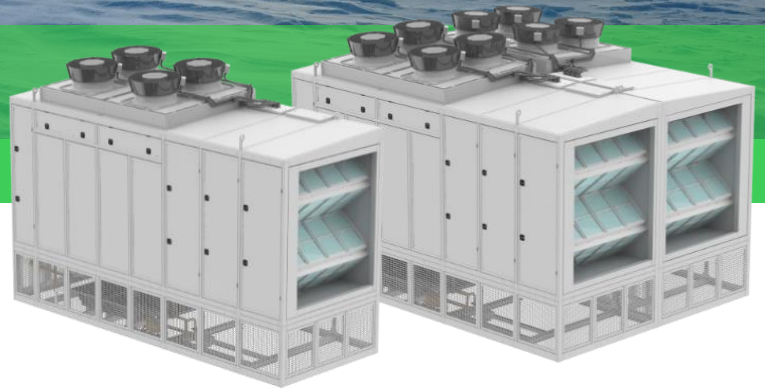




The Next Generation Is Here

 UNIFLAIR™



Ecoflair Air Economizers

Cooling to maximize value for the cloud

Air Economizers with Indirect Evaporative Cooling

250-500kW

Ultra-efficient economizer units that consume zero white space and allow more power to IT.

Configurable and customizable solution to match your specific data center needs.

Life Is On

 Schneider
Electric

Innovative, Adaptable, Efficient

State-of-the art technology

- Exclusive self-cleaning completely polymer heat exchanger
- Brushless variable speed scroll compressors
- High performance Electronic Commutated (EC) motor for all fans
- Evaporative system minimizes water usage
- Integrated control with touchscreen display
- Ecostruxure DCIM ready

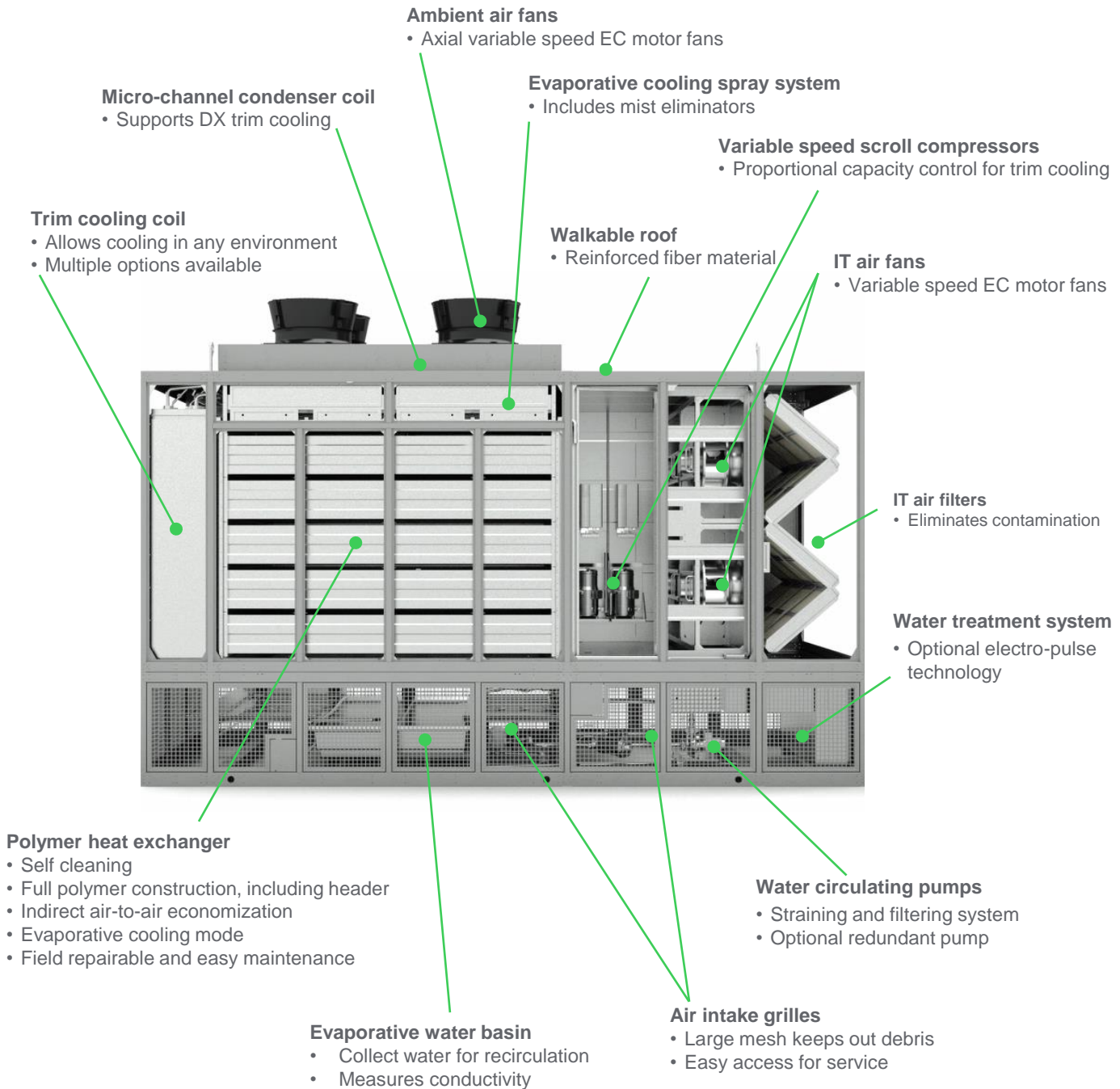
Reduced carbon footprint and sustainability

- Optimum pPUE
- Indirect air-to-air economization
- Integrated Evaporative free-cooling
- High energy efficiency at any condition
- Chemical free water treatment and service options
- Isolated air streams

Flexible and customizable

- Available multiple trim cooling options
- Optional power, control and water systems
- Multiple unit configurations
- Adaptable airflow patterns

System Architecture



The images shown here is for descriptive purposes only. Unit construction details may differ based on specific models and configuration options. Some features described available only for select models or configurations

Features and Specifications

Standard Features

- Variable speed backward curved IT fans and axial ambient air fans with Electronically Commutated motors
- Easy-to-replace G4 IT air filters
- Modular self-cleaning air-to-air heat exchanger, fully constructed with corrosion-proof polymer materials, including header system
- Evaporative cooling system with integrated water recirculation and water filtering system
- Evaporative water basin with freeze protection and continuous water condition monitoring system
- Self-supporting frame with sectional lifting eyes in galvanized steel with panels varnished with epoxy powders, fiber reinforced plastic for the walkable roof panels and ambient air supply grilles
- Double layer of panels, internal air blocks for air containment and exterior panels for environmental protection
- Access panels with handles and fast release screws
- Microprocessor controls with external touchscreen user interface display and network management card

Water system options

- Integrated hydronic system with dual circulation pumps in 1+1 logic, managed by microprocessor control
- Electro-pulse water treatment

Air patterns

- Bottom flow for roof installations
- Side flow for building perimeter installations

Double and/or separate power supply options

- Double power supply with automatic transfer switch (ATS) for complete redundancy without single point of failure
- Double power supply for complete redundancy without single point of failure

Trim cooling options

- Proportional DX system with dual circuited brushless variable speed scroll compressors and micro-channel condenser coils
- Proportional DX system with one brushless variable speed scroll compressor and micro-channel condenser
- Chilled water coil with modulating valve
- Heat reclaim coil

Technical specifications

Models		IEC2511*A	IEC5012*A
Power supply	V/ph/Hz	400 / 3 / 50	
Economizer type		Indirect Evaporative Air-to-Air	
IT Fans	nr.	4	8
Ambient air fans	nr.	4	8
Nominal cooling capacity	kW	250	500



There's no better way to cool

