Uniflair Room Cooling

e-Catalog 2026

High-efficiency room air conditioners

vers 2.0

se.com

Schneider Electric

DX or **CW**?
Help me to choose

DX
Direct expansion
> range

CW
Chilled Water
> range

DX
Cooling version
Help me to choose

Uniflair
Room Cooling

Schneider Mission

Our mission is to be the trusted partner in Sustainability and Efficiency

IMPACT Company

What we offer

We are a global industrial technology leader bringing world-leading expertise in electrification, automation and digitization to smart industries, resilient infrastructure, future-proof data centers, intelligent buildings, and intuitive homes. Anchored by our deep domain expertise, we provide integrated end-to-end lifecycle AI enabled Industrial IoT solutions with connected products, automation, software and services, delivering digital twins to enable profitable growth for our customers.

Why we do it

We believe access to energy and digital is a basic human right. Our generation is facing a tectonic shift in energy transition and industrial revolution catalyzed by a more electric world. Electricity is the most efficient and best vector for decarbonization; combined with circular economy approach solutions, we will achieve climate-positive impact as part of the United Nations Sustainable Development Goals.

Where we operate

We are one integrated company. We are the most local of global companies. Our multi-hub approach is a key element to offer improved resiliency, agility and proximity to our customers and suppliers.

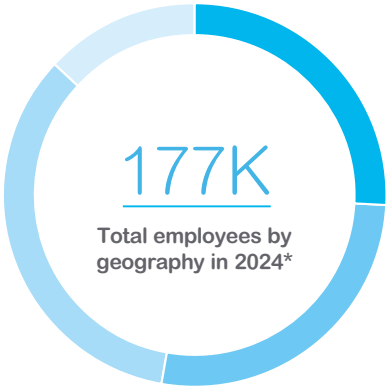
We are an impact company

This means sustainability is at the core of everything we do, in line with our purpose.

Our four hubs

Our business

100+
Countries



36%	North America	26%
24%	Western Europe	25%
27%	Asia Pacific	37%
13%	Rest of the World	12%

*The total average workforce includes non-employee interim workers.

Schneider Mission

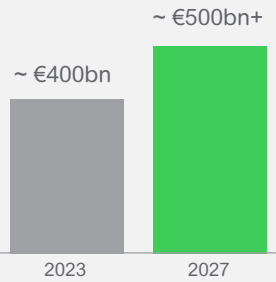
A future worth investing in

Well positioned on structurally growing markets

The end-markets we serve are in an accelerated growth phase as a function of the five megatrends. An addressable market of around EUR 400 billion in 2023 is set to grow at a compound annual growth rate (CAGR) of between +6% and +7% between 2023 and 2027, to reach in excess of around EUR 500 billion by 2027.

Potential addressable market estimates
2023–27, in €bn
> €100bn growth

CAGR
+6% to +7%



Four pillars

Schneider Electric is characterized by a number of key markers and strengths which make us unique. These elements combine together to allow us to successfully execute on our strategy and serve our customers.

Technology leader

- The Digital Flywheel enhances recurring revenue and provides a compelling value proposition to customers.
- From EcoStruxure to CONNECT: A complete digital architecture for the benefit of customers.
- Accelerating the pace of innovation through our future-ready R&D program

Customer Centric

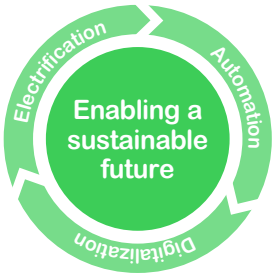
- Key 2024 innovation offers across both businesses with more to come in 2025.
- Committed to a unique ecosystem based on long-term partnerships.
- Customer centric integrated service offers to address.
- Capex to Opex to Recurring Experience.

Impact Company

- Leading ESG in our ecosystem.
- Commit to a Net-zero CO2 value chain by 2050.
- Recognized by TIME magazine and Statista as "World's Most Sustainable Company".

People Company

- Defined by our unique culture and model.
- Committed to a Multi-hub operating model decentralized for people empowerment.
- Committed to our people & culture leading us into new frontiers.



Environmental Data Program

Environment
154
Number of zero-CO_2 sites

Partners and suppliers
650k+
Service provider and partner ecosystem

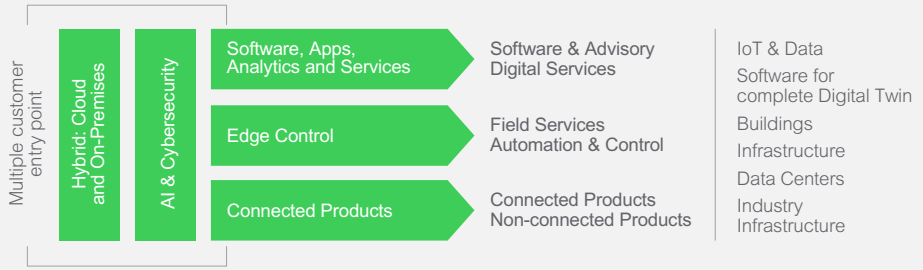
Financial strength
A/A-1 & A3
Strong investment grade credit rating

The planet and local communities
53.4M
People provided access to green electricity since 2009

For our employees
62%
Of eligible employees benefiting from 2024 share plan

For our shareholders
+48%
3-year Total Shareholder Return, from January 1, 2022 to December 31, 2024

EcoStruxure™ | **Design, Build, Operate & Digital Twin**



Business

The Next Frontier

Our unique portfolio is best equipped for growth on themes enabling a sustainable future

We have curated our portfolio to become a powerhouse in electrification and digitalization, driving sustainability and efficiency for customers across end-markets.

Digital +
Electric =

Sustainable
green and smart

Megatrends driving The Next Frontier

We identify five megatrends that will drive the expansion of our addressable market and we believe that we are ideally positioned to thrive in the end-markets we serve.

- Digitalization and AI
- Climate Change
- Energy Transition
- Evolution of Wealth
- New Global Equilibrium

Schneider Mission

Our 2026 sustainability commitments

With less than 10 years left to reach the 17 United Nations Sustainable Development Goals (SDGs), Schneider Electric has accelerated its impact and is making new, bold commitments to drive meaningful impact within the framework of its business activity. Schneider Electric's 6 long-term commitments are to:

Act for a climate-positive world

by continuously investing in and developing innovative solutions that deliver immediate and lasting decarbonization in line with our carbon pledge.

Be efficient with resources

by behaving responsibly and making the most of digital technology to preserve our planet.

Live up to our principles of trust

by upholding ourselves and all around us to high social, governance, and ethical standards.

Create equal opportunities

by ensuring all employees are uniquely valued in an inclusive environment to develop and contribute their best

Harness the power of all generations

by fostering learning, upskilling, and development for each generation, paving the way for the next.

Empower local communities

by promoting local initiatives and enabling individuals and partners to make sustainability a reality for all.

2021 – 2025
SCHNEIDER
SUSTAINABILITY
IMPACT

1. **Focused**
   on material issues
2. **Disrupting**
   the status quo
3. **Transparent**
   quarterly disclosure
4. **Robust**
   assured by an independent third party
5. **Rewarding**
   employees for performance

Cybersecurity

Schneider Electric approach, and commitment

Schneider Electric is the global leader in the digital transformation of energy management and industrial automation, integrating world-leading process and energy technologies for homes, buildings, Data Centers, critical infrastructure, and industries.
With a digital footprint that spans the globe, the company's risk landscape is constantly evolving and requires ongoing protection against cybersecurity threats and attacks. Therefore Cybersecurity, Product Security and Data Protection are integral to Schneider Electric's business strategy and the digital transformation journeys of its customers. Schneider Electric is committed to providing solutions that support your needs for cybersecurity protection across all business types and industries. We apply a rigorous mindset, policies, and methodologies in the development of our products and the implementation of our solutions. Skilled and certified professionals provide vendor-agnostic services to help you assess your risk, implement cyber-specific solutions, and maintain your defenses over time at your location.
Schneider Electric recognizes that the Security of its offerings and its ability to safe guard its customers' data while complying with regulations is key to building sustainable relationships. To reach the highest level of trustworthiness, the company continuously enhances its security posture through **five** core pillars:

Cybersecurity fundamentals and awareness management

Discover more

Taking an Enterprise-Wide Risk-Based Approach management

Discover more

Raising the bar on Cyber Defense, Threat Intelligence, and Incident or Crisis Response management

Discover more

Raising Building Trust along the Supply Chain, and with the Installed Base management

Discover more

Meeting Customer and Authority Expectations management

Discover more

The company is committed to doing business responsibly and with integrity, earning and sustaining Trust in its products, systems, and services. Mitigating risks stemming from developing threats is the result of continuous dialogue and cooperation with governments, suppliers, and customers, growing resilience through collaboration.

Cooling units incorporate advanced cybersecurity standards,
"We address our customers' needs with care, ensuring compliance with cybersecurity regulations to be their trusted Security Partner"

- **Application security**
- **Data privacy**
- **Product security**

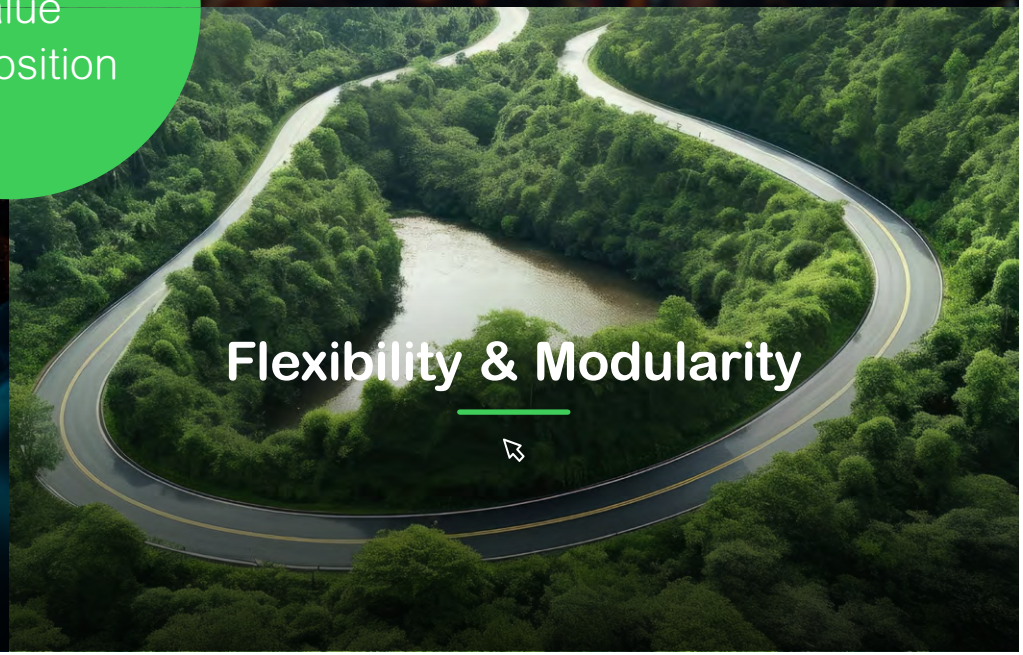
To learn more

Cybersecurity and Data Protection Posture

EcoStruxure IT Security

Schneider Electric

Room Cooling Value Proposition



Sustainability

The development that meets the needs of the present, without compromising the ability of future generations to meet their own needs.

At Schneider Electric, we are committed to providing innovative and sustainable solutions that help organizations reduce their environmental impact and operational costs. Our Uniflair Room Cooling units are designed with eco-efficiency in mind, utilizing advanced technologies to minimize energy consumption while maintaining peak performance.

Green refrigerant

Refrigerant

R410A R454B

Discover more

Electronic expansion valves

EEVs

High pressure	R410A	R454B
Toxicity	Lower (A)	Lower (A)
GWP	2088	466
Athmosferic life	17 years	3.6 years

PEP

The most sustainable cooling portfolio

PEP

Discover more

Efficiency

Up to 40% of a data center's energy is used for cooling. That's why efficiency is crucial in data center cooling and precision air conditioning.

Uniflair room air conditioners are designed with the awareness that low energy consumption is the result of an exhaustive analysis, from the choice of components to the constant refinement of design solutions.

Smart airflow management

Discover more

Direct and indirect free-cooling

Discover more

High Temperature design

Benefit

Discover more

Latest generation of technology

- EC fans
- VSD compressors
- On-off multi-refrigerant compressors
- Pressure independent and balancing control valve with integrated flow meter

Reliability

A fundamental requirement for each data center is to guarantee continuous operation. Reliability is achieved thanks to the design and implementation of cooling systems that are intrinsically reliable and incorporate an appropriate level of redundancy. System reliability is based upon several basic considerations, such as a dual source of cooling and electrical power.

Uniflair units ensure reliability also through:

- Monitoring of all components.
- Precise and clear display of any malfunctions or abnormal operating conditions.
- Management of emergency conditions with ability to maintain basic cooling requirements.

360° monitoring

Discover more

Infrastructure management

EcoStruxure™
Innovation At Every Level

Discover more

Witnessing test

Discover more

Continuous cooling availability

Discover more

Flexibility & modularity

A modular design is a data center architecture that consists of standardized and interchangeable components that can be easily deployed, configured, and replaced.

A modular design can enhance data center scalability and flexibility, as it allows to add or remove capacity as needed, without disrupting the existing infrastructure or requiring major renovations. Flexibility and modularity can improve data center efficiency, reliability and security, and enables better monitoring and management of the data center resources.

Easy maintenance

The ease of maintenance of Uniflair units is a fundamental factor in reducing operating costs and avoiding downtime.

Flexibility

Cooling systems that can be implemented over time and that adapts automatically to the load conditions of the room

Tailored solutions

A wide range of Uniflair cooling units is available to address the specific needs of various data center typologies and architectures.
From standard equipment to completely customized solutions, to perfectly fit our customer requirements.

Compact dimensions and easy installation

The high cost of space in high-tech environments, requires precision air conditioning to have the smallest possible footprint and a full-frontal component access to enable units to be installed next to each other or next to other equipment.

Multiple configurations, options & accessories

To meet specific cooling requirements and ensure high efficiency, Uniflair units offer multiple configurations and accessories for optimal airflow control, humidity management, reliable power supply, and intelligent sensors.

Classification

DX Direct expansion

Direct Expansion system means the conditioned air shall be cooled directly using refrigerant gas and heat rejection is achieved by air removing heat via air-cooled condensers or by water circulating through water-cooled condensers.

go to DX Range

CW Chilled Water

Chilled Water precision air conditioner means the conditioned air shall be cooled indirectly using chilled water circulating through chilled water cooling coil. The chilled water is normally obtained from IT chillers.

more info about chiller

go to CW Range

Reading Guide

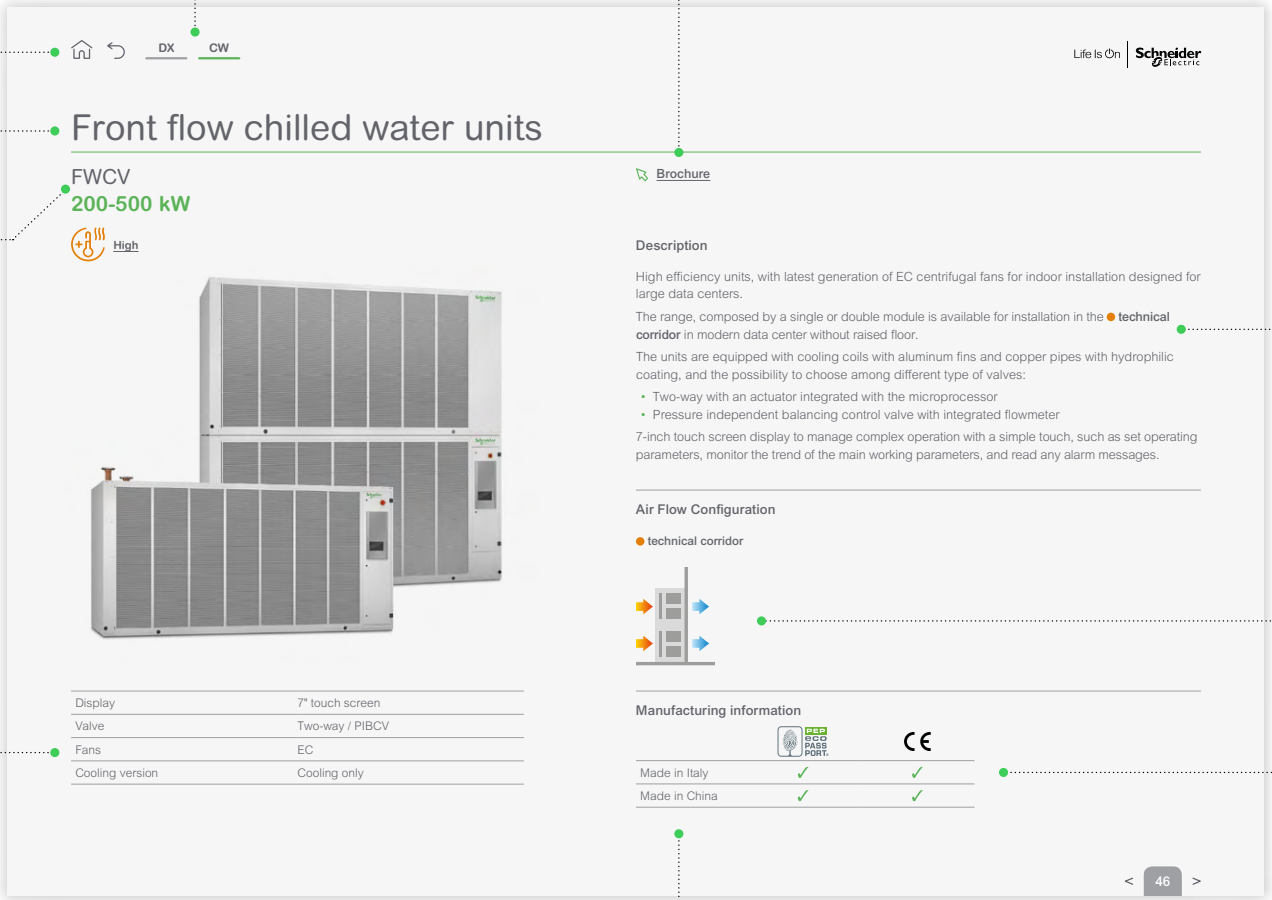
Quick navigation to Series's main pages

Link to download Series brochure

Home Button and Previous View

Version type

Series name



DX CW

Life Is On Schneider Electric

Front flow chilled water units

FWCV
200-500 kW

High

Brochure

Description

High efficiency units, with latest generation of EC centrifugal fans for indoor installation designed for large data centers.

The range, composed by a single or double module is available for installation in the **technical corridor** in modern data center without raised floor.

The units are equipped with cooling coils with aluminum fins and copper pipes with hydrophilic coating, and the possibility to choose among different type of valves:

- Two-way with an actuator integrated with the microprocessor
- Pressure independent balancing control valve with integrated flowmeter

7-inch touch screen display to manage complex operation with a simple touch, such as set operating parameters, monitor the trend of the main working parameters, and read any alarm messages.

Air Flow Configuration

technical corridor

Display	7" touch screen
Valve	Two-way / PIBCV
Fans	EC
Cooling version	Cooling only

Manufacturing information

	PEP ECO PASS PORT.	CE
Made in Italy	✓	✓
Made in China	✓	✓

< 46 >

Features

Possible configuration

Technical Data of the Series

Certification information

Manufacturing information

DX Direct expansion

Air-cooled

DX Direct expansion

Range overview

Compare features and choose
the model that best suits your needs

Features	S-	L-	L-	I-	I-
Capacity range	5-20 kW	20-50 kW	50-140 kW	20-50 kW	50-150 kW
Display	4.3” touchscreen	7” touchscreen	7” touchscreen	7” touchscreen	7” touchscreen
Compressor	Fixed speed	Fixed speed	Fixed speed	Variable speed	Variable speed
Refrigerant	R410A	R410A / R454B	R410A	R410A / R454B	R410A
Cooling version					
Air-cooled	go to version	go to version	go to version	go to version	go to version
Water-cooled					go to version
Indirect free-cooling					go to version

Compressor

ON-OFF VS VSD

ON-OFF Fixed speed compressors

Key benifits

- Multi-refrigerant
- Lower capital cost
- Lower maintenance and repair costs
- Most efficient in applications with a consistent demand
- IDV The IDVs adapt the effort of the motor to the pressure conditions in the system opening when condensing pressure and pressure ratio (part-load) fall below the built-in optimization point of the scroll

VSD Variable speed compressors

Key benifits

- Low power consumption and quiter operations at partial load
- The higher captial cost is offset by the lower energy consumption
- Lower starting current
- Longer life-cycle

Cooling version

Air cooled

Room cooling unit with external remote air-cooled condenser.

go to models

Water cooled

Room cooling unit with brazed plate water condenser inside the indoor unit suitable for operation with dry-cooler or connected to cooling tower.

go to models

Indirect free cooling

Uniflair Indirect Free Cooling units are designed to leverage on free cooling operation, using the mechanical cooling (compressors) only when really required to maintain the temperature set point and to match the cooling demand.

Discover more

go to models

DX Direct expansion

Air-cooled

Air cooled units

SDAV / SUAV
5-20 kW

Display	4.3" touch screen
Compressor	Scroll fixed speed
Fans	EC
Outdoor condenser	CAP
Refrigerant	R410A

Brochure

Description

High efficiency compact units, with forward-curved or centrifugal fans for indoor installation designed for small data centers.

The range, available in ● **downflow** and ● **upflow** configuration, is equipped with a scroll compressor and coupled with an external air-cooled condenser CAP

The integrated mainboard monitors and optimizes any operating condition, improving efficiency and guaranteeing reliability. A 4.3-inch display to allow firmware upload and data download and unit operation monitoring.

Air Flow Configuration

● downflow ● upflow

Manufacturing information

	PEP eco PASS PORT	CE
Made in China	✓	✓

Air cooled units

LDAV / LUAV
20-50 kW

Display	7" touch screen
Compressor	Scroll fixed speed
Fans	EC
Outdoor condenser	CAT
Refrigerant	R410A

Brochure

Description

High efficiency compact units, with latest generation of EC centrifugal fans for indoor installation designed for small and medium data centers.

The range, available in ● **downflow** and ● **upflow** configuration, is equipped with fixed speed scroll compressors and coupled with an external air-cooled condenser CAT

7-inch touch screen display to manage complex operation with a simple touch, such as set operating parameters, monitor the trend of the main working parameters, and read any alarm messages.

Air Flow Configuration

● downflow ● upflow

Manufacturing information

	PEP eco PASS PORT	CE
Made in Italy	✓	✓

Air cooled units

LDAV / LUAV
50-140 kW

Display	7" touch screen
Compressor	Scroll fixed speed
Fans	EC
Outdoor condenser	OCC
Refrigerant	R410A

Brochure

Description

High efficiency compact units, with latest generation of EC centrifugal fans for indoor installation designed for medium and large data centers.

The range, available in ● **downflow** and ● **upflow** configuration, is equipped with fixed speed scroll compressors and coupled with an external air-cooled condenser OCC

7-inch touch screen display to manage complex operation with a simple touch, such as set operating parameters, monitor the trend of the main working parameters, and read any alarm messages.

Air Flow Configuration

● downflow ● upflow

Manufacturing information

	PEP eco PASS PORT	CE
Made in Italy	✓	✓
Made in China	✓	

Air cooled units

IDAV / IUAV
20-50 kW

Display	7" touch screen
Compressor	Scroll variable speed
Fans	EC
Outdoor condenser	CAT
Refrigerant	R410A
	R454B*

*Available only from Italy

Brochure

Description

High efficiency compact units, with latest generation of EC centrifugal fans for indoor installation designed for small and medium data centers.

The range, available in ● **downflow** and ● **upflow** configuration, is equipped with brushless variable speed scroll compressors and coupled with an external air-cooled condenser CAT

7-inch touch screen display to manage complex operation with a simple touch, such as set operating parameters, monitor the trend of the main working parameters, and read any alarm messages.

Air Flow Configuration

● downflow ● upflow

Manufacturing information

	PEP eco PASS PORT	CE
Made in Italy	✓	✓
Made in China	✓	✓

Air cooled units

IDAV / IUAV / IXAV
50-150 kW

Display	7" touch screen
Compressor	Scroll variable speed
Fans	EC
Outdoor condenser	OCC
Refrigerant	R410A

Brochure

Description

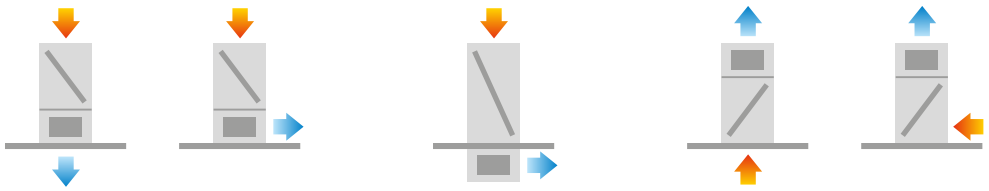
High efficiency compact units, with latest generation of EC centrifugal fans for indoor installation designed for medium and large data centers.

The range, available in ● **downflow**, ● **underfloor** and ● **upflow** configuration, is equipped with brushless variable speed scroll compressors and coupled with an external air-cooled condenser OCC

7-inch touch screen display to manage complex operation with a simple touch, such as set operating parameters, monitor the trend of the main working parameters, and read any alarm messages.

Air Flow Configuration

● downflow ● underfloor ● upflow



Manufacturing information

	PEP eco PASS PORT	CE
Made in Italy	✓	✓
Made in China	✓	

DX Direct expansion

Water cooled

Water cooled units

IDWV / IUWV / IXWV
50-150 kW

Display	7" touch screen
Compressor	Scroll variable speed
Fans	EC
Outdoor dry-cooler	RAL
Refrigerant	R410A

Brochure

Description

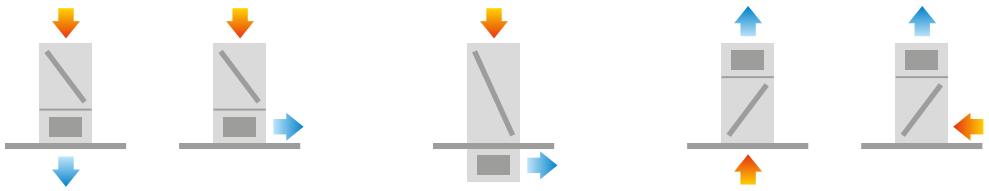
High efficiency compact units, with latest generation of EC centrifugal fans for indoor installation designed for medium and large data centers.

The range, available in ● **downflow**, ● **underfloor** and ● **upflow** configuration, is equipped with a brushless variable speed scroll compressor and an internal brazed plate condenser coupled with an external dry-cooler RAL or a cooling tower.

7-inch touch screen display to manage complex operation with a simple touch, such as set operating parameters, monitor the trend of the main working parameters, and read any alarm messages.

Air Flow Configuration

● downflow ● underfloor ● upflow



Manufacturing information

	PEP eco PASS PORT	CE
Made in Italy	✓	✓
Made in China	✓	

DX Direct expansion

Indirect free cooling

Indirect free cooling

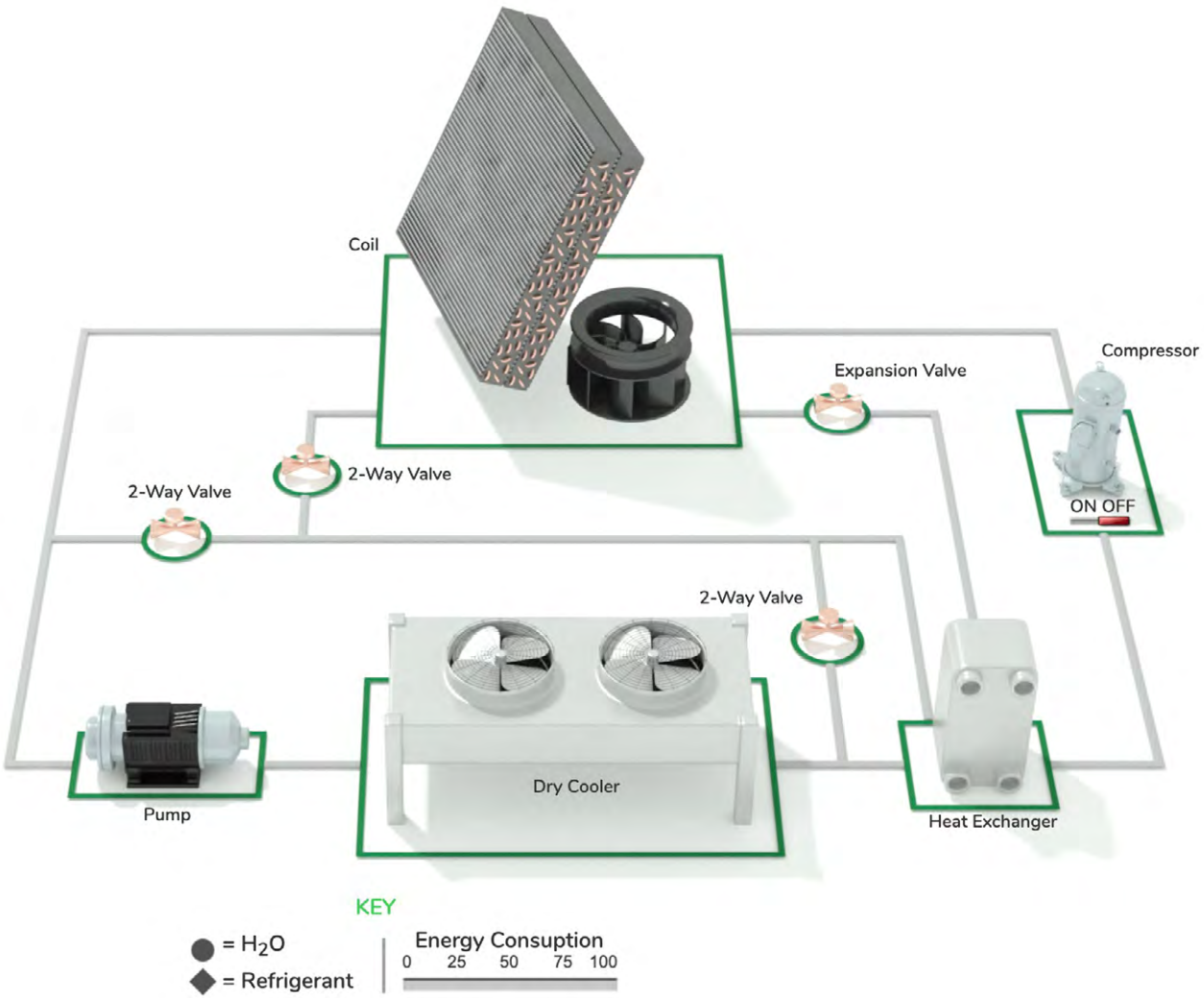
Room cooling units designed for indirect free-cooling operation and equipped with direct expansion water-cooled refrigerant circuit to assist free cooling and to grant 100% cooling backup.

Control Panel

Operation mode

- OFF
- SUMMER
- MID-SEASON
- WINTER

OFF



Watch the video

Use the control panel to see how it works

Indirect free cooling units

IDEV / IUEV / IXEV
50-150 kW

Display	7" touch screen
Compressor	Scroll variable speed
Fans	EC
Outdoor condenser	RAL
Refrigerant	R410A

Brochure

Description

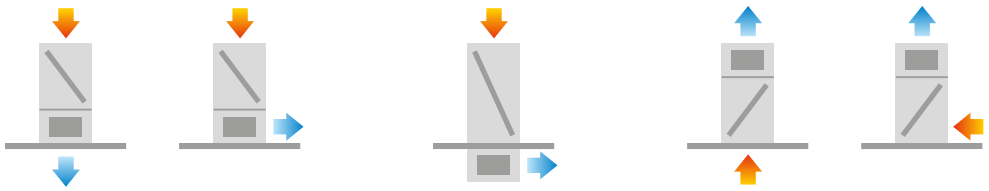
High efficiency compact units, with latest generation of EC centrifugal fans for indoor installation designed for medium and large data centers.

The range, available in ● **downflow**, ● **underfloor** and ● **upflow** configuration, is equipped with brushless variable speed scroll compressors and an internal brazed plate condenser to be coupled with an external dry-cooler RAL or a cooling tower.

7-inch touch screen display to manage complex operation with a simple touch, such as set operating parameters, monitor the trend of the main working parameters, and read any alarm messages.

Air Flow Configuration

● downflow ● underfloor ● upflow



Manufacturing information

	PEP eco PASS PORT	CE
Made in Italy	✓	✓
Made in China	✓	

CW Chilled Water

Floor mounted

Underfloor

Front flow

CW Chilled water

Range overview

Compare features and choose
the model that best suits your needs

Features	S-	L-	HD	HX	FX	FW
Capacity range	5-20 kW	20-170 kW	30-200 kW	130-250 kW	130-250 kW	200-500 kW
Display	4.3” touchscreen	7” touchscreen	7” touchscreen	7’’ touchscreen	7” touchscreen	7” touchscreen
Design	Low/Med T	Low/Med T High T	Low/Med T High T	High T	High T	High T
Valves	Two-way Three-way	Two-way Three-way PIBCV	Two-way Three-way PIBCV	Two-way PIBCV	Two-way PIBCV	Two-way PIBCV
Configuration						
Floor mounted	go to version	go to version				
Underfloor			go to version	go to version		
Front flow					go to version	go to version

Room Cooling

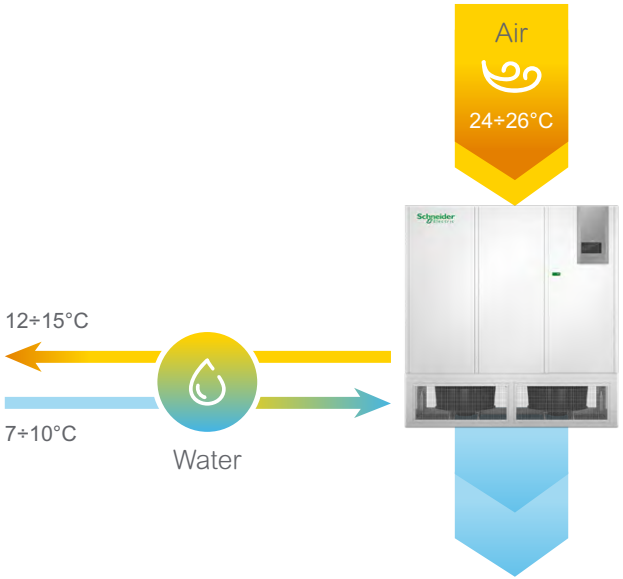
Chilled water / High temperature VS med temperature

Open chart

LOW/MED Temperature

Chilled water-cooling units
with specifical design to operate with:

- low/medium water temperature
- high water flow rates

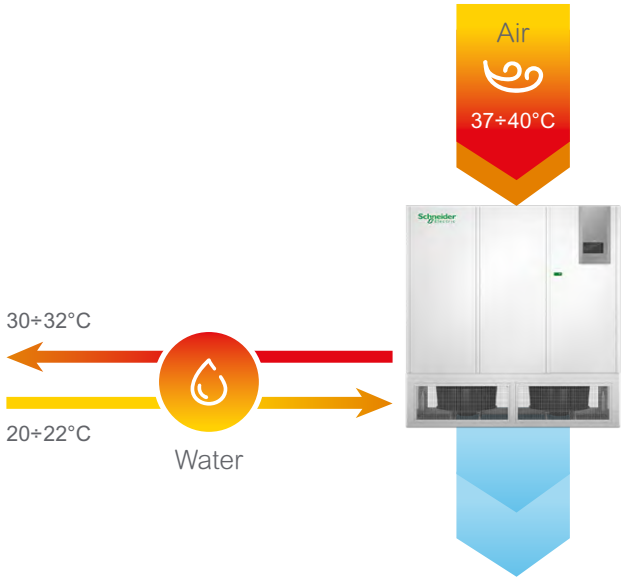


Generally used in traditional Data Centers

HIGH Temperature

Chilled water-cooling units
with specifical design to operate with:

- High water and air temperatures
- 10÷12°C water delta T



The right solution for modern and future Data Centers

Floor mounted chilled water units

SDCV / SUCV

5-20 kW

Low/Med

Display	4.3"
Valve	Two-way / Three-way
Fans	EC
Cooling version	Cooling only
	Cooling and humidification
	Cooling and dehumidification

Brochure

Description

High efficiency compact units, with forward-curved or centrifugal fans for indoor installation designed for mission critical applications.

The range, available in ● **downflow** and ● **upflow** configuration, is equipped with a cooling coil with aluminum fins and copper pipes with hydrophilic coating, and a two-way or three-way valve with an actuator integrated with the microprocessor.

The integrated mainboard monitors and optimizes any operating condition, improving efficiency and guaranteeing reliability. A 4.3-inch display to allow firmware upload and data download and unit operation monitoring.

Air Flow Configuration

● downflow ● upflow

Manufacturing information

	PEP eco PASS PORT	CE
Made in China	✓	✓

Floor mounted chilled water units

LDCV / LUCV
20-170 kW

Low/Med High

Display	7" touch screen
Valve	Two-way / Three-way / PIBCV
Fans	EC
Cooling version	Cooling only
	Cooling and humidification
	Cooling and dehumidification

Brochure

Description

High efficiency compact units, with latest generation of EC centrifugal fans for indoor installation designed for medium and large data centers.

The range, available in ● **downflow** and ● **upflow** configuration, is equipped with a single or dual cooling coil with aluminum fins and copper pipes with hydrophilic coating, and the possibility to choose among different type of valves:

- Two-way or three-way valve with an actuator integrated with the microprocessor.
- Pressure independent balancing control valve.

7-inch touch screen display to manage complex operation with a simple touch, such as set operating parameters, monitor the trend of the main working parameters, and read any alarm messages.

Air Flow Configuration

● downflow ● upflow

Manufacturing information

	PEP eco PASS PORT	CE
Made in Italy	✓	✓
Made in China	✓	✓

Underfloor chilled water units

HDCV
30-200 kW

Low/Med High

Display	7" touch screen
Valve	Two-way / Three-way / PIBCV
Fans	EC
Cooling version	Cooling only
	Cooling and humidification
	Cooling and dehumidification

Brochure

Description

High efficiency compact units, with latest generation of EC centrifugal fans for indoor installation designed for medium and large data centers.

The range, composed by a cooling coil module and a fan module shipped separately, is available in ● **underfloor** configuration, but with the possibility to be installed ● **directly in the hard floor**.

The units are equipped with a single or dual cooling coil with aluminum fins and copper pipes with hydrophilic coating, and the possibility to choose among different type of valves:

- Two-way or three-way valve with an actuator integrated with the microprocessor
- Pressure independent balancing control valve

7-inch touch screen display to manage complex operation with a simple touch, such as set operating parameters, monitor the trend of the main working parameters, and read any alarm messages.

Air Flow Configuration

● underfloor ● directly in the hard floor

Manufacturing information

	PEP eco PASS PORT	CE
Made in Italy	✓	✓
Made in China	✓	✓

Underfloor chilled water units

HXCV
130-250 kW

High

Display	7" touch screen
Valve	Two-way / Three-way / PIBCV
Fans	EC
Cooling version	Cooling only
	Cooling and humidification
	Cooling and dehumidification

Brochure

Description

High efficiency compact units, with latest generation of EC centrifugal fans for indoor installation designed for medium and large data centers.

The range, composed by a cooling coil module and a fan module shipped separately, is available in ● **underfloor** configuration, but with the possibility to be installed ● **directly in the hard floor**.

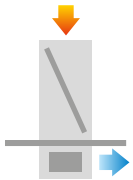
The units are equipped with a single or dual cooling coil with aluminum fins and copper pipes with hydrophilic coating, and the possibility to choose among different type of valves:

- Two-way or three-way valve with an actuator integrated with the microprocessor
- Pressure independent balancing control valve with integrated flowmeter

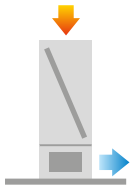
7-inch touch screen display to manage complex operation with a simple touch, such as set operating parameters, monitor the trend of the main working parameters, and read any alarm messages.

Air Flow Configuration

● underfloor



● directly in the hard floor



Manufacturing information

	PEP eco PASS PORT	CE
Made in Italy	✓	✓
Made in China	✓	✓

Front flow chilled water units

FXCV
130-250 kW

High

Display	7" touch screen
Valve	Two-way / PIBCV
Fans	EC
Cooling version	Cooling only

Brochure

Description

High efficiency compact units, with latest generation of EC centrifugal fans for indoor installation designed for medium and large data centers.

The range, composed by a cooling coil module and a fan module shipped separately, is available in 2 different versions for installation without raised floor, in the ● **white space** or in the ● **technical corridor.**

The units are equipped with a cooling coil with aluminum fins and copper pipes with hydrophilic coating, and the possibility to choose among different type of valves:

- Two-way with an actuator integrated with the microprocessor
- Pressure independent balancing control valve with integrated flowmeter

7-inch touch screen display to manage complex operation with a simple touch, such as set operating parameters, monitor the trend of the main working parameters, and read any alarm messages.

Air Flow Configuration

● white space ● technical corridor

Manufacturing information

	PEP eco PASS PORT	CE
Made in Italy	✓	✓
Made in China	✓	✓

Front flow chilled water units

FWCV
200-500 kW

High

Display	7" touch screen
Valve	Two-way / PIBCV
Fans	EC
Cooling version	Cooling only

Brochure

Description

High efficiency units, with latest generation of EC centrifugal fans for indoor installation designed for large data centers.

The range, composed by a single or double module is available for installation in the ● **technical corridor** in modern data center without raised floor.

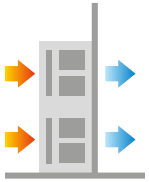
The units are equipped with cooling coils with aluminum fins and copper pipes with hydrophilic coating, and the possibility to choose among different type of valves:

- Two-way with an actuator integrated with the microprocessor
- Pressure independent balancing control valve with integrated flowmeter

7-inch touch screen display to manage complex operation with a simple touch, such as set operating parameters, monitor the trend of the main working parameters, and read any alarm messages.

Air Flow Configuration

● **technical corridor**



Manufacturing information

	PEP eco PASS PORT	CE
Made in Italy	✓	✓
Made in China	✓	✓

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