

# Cooling Excellence Centers Conselve, Italy

R&D Center  
Testing Facility  
Manufacturing Plant  
Cooling Academy

Life Is On

**Schneider**  
Electric



# Conselve Cooling Excellence Center

Established in 1988 in Padua area, Uniflair specializes in the design, production and marketing of Datacenter cooling solutions.

Acquired by Schneider Electric December 2010, Conselve is one of (6) Research & Development and Manufacturing centers specializing in Computer Room Air Conditioning units (CRACs), Chillers, Indirect Air Economizers and Modular Access flooring.

## Products displaying areas

The complete IT cooling portfolio is displayed to see, touch and learn more about the products, which are presented in three areas:

- High Density datacenter demo room
- Demo area with latest innovative Cooling units
- Indirect air economizer showroom
- Access Flooring show room



**2003**  
Plant opening date

**28000**  
Building surface (m<sup>2</sup>)

**340**  
Collaborators

**7000**  
Cooling units/year

**500,000** m<sup>2</sup>  
Access Floor/year

**Certifications**  
ISO 14001  
ISO 9001  
OHSAS 18001  
ISO 50001



# Factory Acceptance Testing areas

## Witness tests

When owners, designers or consultants define a specific design and technology for mission critical cooling, they need evidence of unit proper operation and performance.

Conserve Research Centre is fundamental for developing cooling units for datacentres and Mission Critical applications and for collaboration with partners and designers.

Products, applications, components and software are tested here in order to guarantee a complete pre-arranged reliable solution before the on site installation.

The Research Centre is also able to offer a qualified technical environment for our standard unit applications and on Engineering To Order solutions.

R&D center facility is based on seven areas/rooms for testing Chillers, CRACs and Air Economizers. The testing areas can simulate a multitude of environments and operating conditions and are fully instrumented for data collection.



# Cooling Academy



Conselve site hosts the EMEA Cooling training center, which organizes technical trainings addressed to Schneider Electric FSR (Field Service Representatives) and to engineers from certified service partners. This unique organization brings service partners to the highest level of competency and it secures their competency level thanks to a certification process.

Specific trainings are also conducted to train system engineers and partners/consultants on the technical aspects of our products.

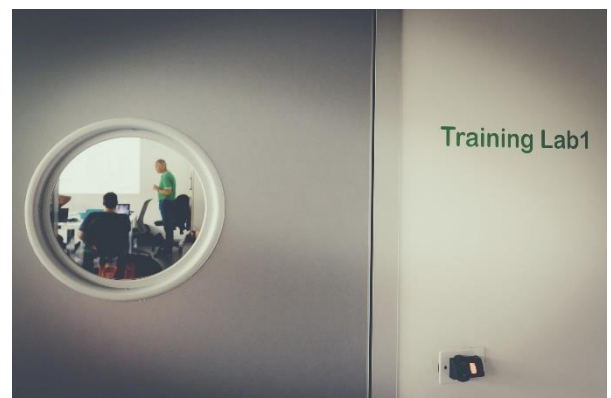
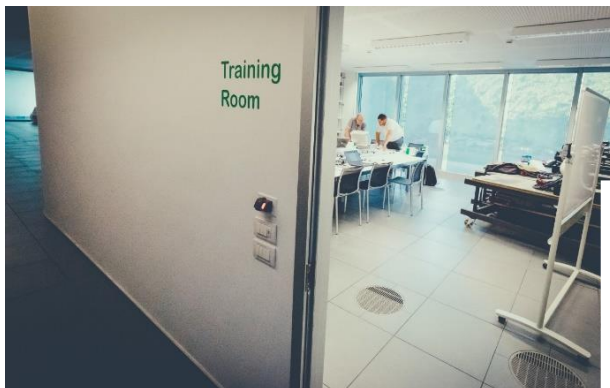
The training team works closely with both R&D and field services to continuously adhere to the evolutions and needs of the industry.

## Training laboratories:

- LAB 1: In Row units trainings
- LAB 2: CRAC units trainings
- LAB 3: Chiller trainings
- LAB 4: Air Economizer training
- Classroom with TurboCor Compressors installed and functioning for hands-on training

## Service tasks performed in these labs:

- Installation best practices
- Pre-commissioning checks
- Start up procedures
- Microprocessor setting and tuning
- Preventive & Proactive Maintenance activities
- Break-fix on common issues in field
- Accessory installation and configuration
- Optimize Management Interface set up



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<https://www.schneider-electric.it> → Careers