



# Easy installation. Efficient operation.

Siemens solution for fan coil units.

[siemens.com/HVAC](https://www.siemens.com/HVAC)

Fan coil units (FCUs) are flexible, economical and efficient – if you choose the right HVAC devices. Siemens offers an extensive selection of high-quality thermostats, valves and actuators that ensure your FCU's optimal performance. Designed to work seamlessly together, they also work with you, making every FCU easier to install and commission.

When you use our HVAC devices, you get the job done efficiently, deliver superior quality, and help your customers save energy and reduce overall costs.

### Combine quality and efficiency

With Siemens engineering behind every product, you know you are choosing the best solution for every FCU. You can combine devices to fit your exact needs and bring simplicity and precision to your FCU system. And you can rest assured knowing your work will increase occupant comfort levels and customer satisfaction. Choose from our:

- State-of-the-art thermostats – bring new levels of control and ease to every FCU.
- Full-range of PICVs – provide precision to your FCU systems while simplifying installation and commissioning.
- Quality, matching actuators – designed for ease of use, superior accuracy and energy efficiency.



### Increasing popularity

Fan coil systems are well suited for a wide variety of buildings, including hotels, offices, schools and apartment complexes. In fact, recent research reports show that the FCU market is expected to grow significantly in the coming years because its scope and applications are growing worldwide.

**SIEMENS**

## Choose the perfect fit

Siemens provides an exponential number of choices and combinations that help you meet the exact requirements for any fan coil system. You can select your own combination from our broad portfolio of devices or choose between two suggested bundled options.



RDF5..



VQP46..Q and STA..



RDF340



VPI46..Q and SSA..

### On/Off bundle for simplicity and power

Deliver a high-quality FCU system while staying on budget with this simple and cost-effective fan coil bundle. The simplest way to control an FCU is to use an on/off solution because it greatly reduces the complexity of the system and the costs but remains very powerful.

#### Thermostat RDF5..

- Three standard color variants, LCD backlit display, Keylock function
- 2-pipe or 4-pipe fan coil unit application, Automatic or manual 3-speed fan control
- Comfort and Protection operating modes

#### PICV VQ.46..

- PICVs with on/off characteristics
- No oversupply thanks to automatic presetting
- Straightforward sizing and selection via volumetric flow calculation

#### Actuators SUA21/3P /SUE21P

- Electro-motoric On/Off actuators
- Perfectly compatible with PICVs with on/off characteristics
- No-load stroke for an energy-efficient and comfortable room climate

#### Choose Siemens

You can work more efficiently with Siemens thermostats, valves and actuators in your toolkit. Not only do our HVAC products make installation a breeze and optimize FCU performance, they help you get the job done faster, strengthening your reputation.

### Modulating bundle for highest level of performance

Our modulating bundle provides the finest products, offering an ultimate level of comfort and unequalled energy efficiency. Modulating control ensures the highest level of precision to reduce energy losses and ensure stable room temperature.

#### Thermostat RDF340

- Siemens room thermostats for fan coils with many selectable applications
- 2 multifunctional inputs for keycard contact, external sensor, etc
- Operating modes: Comfort, Energy Saving and Protection

#### PICV VP.46..

- Modulating range of PICVs
- Proportional room temperature control
- Highest temperature precision and high control accuracy for enhanced comfort

#### Actuators SSA161./181..

- Electromotoric actuators for modulating control
- Pre-configured and ready to use out of the box
- Position feedback for early fault detection, less plant down time and less time in fault analysis

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products.

The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

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