

SPINE VALVE DN25

Spine Valve DN25 is a smart, remotely controlled heating system that regulates heating water flow based on measured room temperature. Wireless RuuviTag sensors and remote alarms enable real-time monitoring and data logging for the whole project.

- Control based on measured room temperature, motorised Belimo valve DN25
- Two wireless RuuviTag sensors for comparing inlet and outlet air
- SMS and email alerts on deviations
- Commissioning by QR code in the Spine app, no fixed cabling
- Includes control unit, valve and 2 RuuviTag sensors
- Made in Finland, 2-year warranty



SKU: 501340001

TECHNICAL ATTRIBUTES

Supply	16 A 400 V	Venttiili	DN25
Outlets	230 V / 16 A 400 V	Liitäntä	1" Camlock

ADDITIONAL PRODUCT DESCRIPTION

Spine Valve DN25 is a smart, remotely controlled heating system for temporary site heating. The system regulates heating water flow based on measured room temperature, so heat distribution is precise and energy-efficient. Integrated wireless RuuviTag sensors and remote alarms enable real-time monitoring and data logging for the whole project.

Who is Spine Valve DN25 for?

Spine Valve is designed for temporary heating, drying and winter heating on construction sites — situations where heating can't be, or there's no time to, monitor by hand.

The system is especially suited to sites where heating is kept running just in case, without measured data on conditions. Spine Valve brings measurement data and control into the same view, so heat goes where it's actually needed.

How Spine Valve DN25 controls heating

- Control is based on measured room temperature, not a schedule or a guess
- The valve automatically regulates heating water flow
- Heat is directed to where demand is greatest
- More even temperature distribution across the whole site
- Lower energy consumption
- Better control of conditions for drying and winter heating

Wireless RuuviTag sensors track conditions

Two wireless RuuviTag sensors attach with a magnet directly to the heater — no fixed cabling is needed, and commissioning is fast.

- Sensor on the inlet air side, behind the filter
- Sensor on the outlet air side
- Continuous comparison of inlet and outlet air
- Real-time verification of actual output
- Continuous condition monitoring and data logging for the whole project for documentation and reporting



Spine Valve DN25 - technical data

- Supply voltage: 16 A 400 V
- Outputs: 230 V and 16 A 400 V
- Valve: DN25, motorised Belimo
- Connection: 1" Camlock male and female
- Includes: control unit, motorised valve, 2x RuuviTag sensors
- Warranty: 2 years
- Country of origin: Finland

Does this configuration suit your site? **Add the product to the quote cart** at the top of the page and we'll send you a quote.

Alarms and remote monitoring

Alarms arrive by text message and email immediately, and thresholds are configurable per site. Spine Valve alerts you to, among other things:

- Temperature deviations
- Device shutdown
- Connection loss
- Threshold exceeded

Remote monitoring improves reliability and minimises deviations that would otherwise go unnoticed — an issue is caught before it affects the drying schedule.

Installation and commissioning

The valve is installed on the flow or return line, and the heater's output can be looped through the unit. The design is compact and site-ready, and commissioning is straightforward.

Commissioning happens in the Spine app: the heating plan is prepared in the office beforehand, the heater is selected on the digital floor plan, and the device is scanned into service with a QR code. The device pairing happens automatically.

Made in Finland

Spine Valve DN25's country of origin is Finland, and the product carries a 2-year warranty.

Frequently asked questions

Where is Spine Valve DN25 installed?

The valve is installed on the heater's flow or return line with a 1" Camlock connection, and the heater's output can be looped through the unit.

Do the sensors need cabling?

No. The two included RuuviTag sensors are wireless and attach with a magnet directly to the heater, so no fixed cabling is needed.

How does commissioning work?

Commissioning is done in the Spine app: the heater is created and placed on the floor plan in advance, and the installer scans the device into service with a QR code on site. The device pairing happens automatically.

What's included in the package?

The package includes the Spine control unit, a motorised Belimo valve (DN25) and two RuuviTag sensors.

What is the product's part number (MPN)?

The part number, or MPN, is **501340001**. The same code serves as the product's SKU, so you can use it in orders and quote requests.

Where is Spine Valve DN25 manufactured?

The product's country of origin is Finland.

Didn't find the answer to your question? **Add the product to the quote cart** and our sales team will help — or open the chat in the bottom-right corner of the page.

Request a quote for Spine Valve DN25

Also take a look at other [Spine heating and conditions solutions](#) or the whole [Spine product family](#).

Once you know the right configuration, **add it to the quote cart**. You can collect several products in the cart and send the whole list at once, so you get a quote for the entire package with a single request.

OTHER PRODUCT IMAGES

