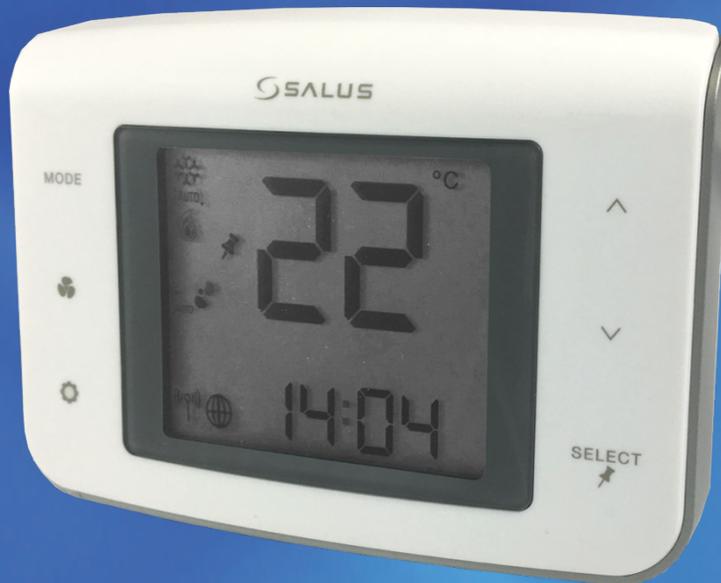


Connected Fan Coil Thermostats

ST100ZB / ST101ZB



WIRELESS FAN COIL CONTROL – monitoring and controlling a fan coil system can now happen anywhere, even across the globe.

With a SALUS connected fan coil thermostat and an internet connection, home and business owners can now see what their fan coil systems are doing and change their settings.

- Intuitive controls for ease of use
- Seasonal and automatic changeover keeps rooms comfortable
- Stylish contemporary design fits any décor
- Control the system from anywhere using smartphones, tablets, or computers when connected to a cloud service
- Drop-in replacement for 2-pipe and 4-pipe systems for ease of installation in apartments, condos, hotels, etc.
- Easily manage large deployments for commercial and hospitality projects using the Salus back office service

SALUS NORTH AMERICA, INC.

(888) 387-2587

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www.salusinc.com

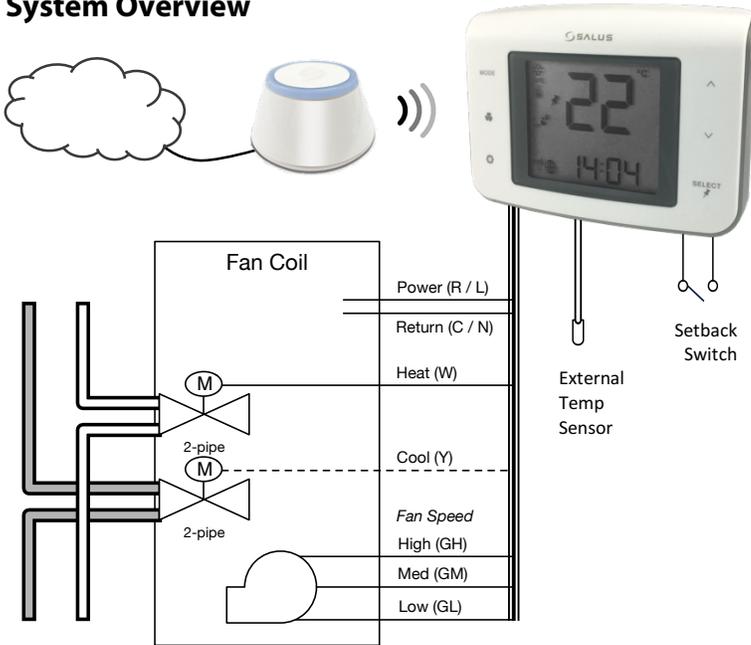
The SALUS logo features a stylized 'S' icon followed by the word 'SALUS' in a bold, sans-serif font.

Description and Features

The Salus connected fan coil thermostats are drop-in replacements for regular fan coil thermostats to add remote access and control, and provides the following:

- 2-pipe and 4-pipe compatibility
- 3 speed fan control with automatic speed selection based on difference between ambient and set temperatures
- Seasonal changeover based on pipe temp input
- Automatic changeover based on set temperature
- External temperature sensor input
- Setback contact input
- Relative humidity sensor
- Pipe flush for proper pipe sensing
- ZigBee based protocol
- Automatic power selection for line powered model
- Push button terminals on low voltage model
- Two models: ST100ZB Line Power Fan Coil Thermostat
ST101ZB Low Voltage Fan Coil Thermostat

System Overview



Order Details / Contact

Model Name: Product Name

Model	Single Unit UPC	Carton GTIN
S100ZB	817989021533	10817989021530 (24 pcs)
S101ZB	817989021540	10817989021547 (24 pcs)

Specifications

Controls

MODE Touch Button
Fan Touch Button
Settings Touch Button
Up/Next Touch Button
Down/Back Touch Button
SELECT/Hold Touch Button

Indicators (LCD)

Fan Coil Mode/Status	Fan Mode/Status
Battery Status	Fan Filter Timer Status
Network/Service Status	Energy Setback Status
Lock Status	Hold Status
Main Display	Units Indicators
Schedule Indicators	Day of Week Indicators
Setpoint / Hour Display	Humidity / Minutes Display
External Temperature Sensor Indicator	

Terminals

	ST100ZB	ST101ZB
Power 60 Hz	120/240 VAC (L)	18-30 VAC (R)
Return	(N)	(C)
Heating Valve max (WY)	1 A *	1 A †
Cooling Valve max (YA)	1 A *	1 A †
High Fan Select max (Gh)	6 A / 3 A *	1 A †
Medium Fan Select max (Gm)	6 A / 3 A *	1 A †
Low Fan Select max (Gl)	6 A / 3 A *	1 A †
Accessory x2 (Ac, Ac)	✓	✓
External Pipe Temp (Tp)	✓	✓
External Ambient Temp (Tx)	✓	✓
External Setback (Ts)	✓	✓
External Common (Tc)	✓	✓

Mechanical

Weight: 7.3 oz. / 207 g
Dimensions: 4.7" x 3.3" x 1.2" / 120 x 84 x 30 mm

Radio

802.15.4 radio (2.54 GHz), ZigBee HA1.2 based protocol

Environmental

Operating: 32 - 122 °F / 0 - 50 °C, 0 - 95% RH, non-condensing
Storage: 14 - 140 °F / -10 - 60 °C, 0 - 95% RH, non-condensing

Agency Compliance

ETL certified to CSA E60730-1 and UL 60730-1
FCC, Industry Canada

Warranty

5 years limited warranty

Compatible Devices

SG888ZB – Basic Gateway

* Maximum total current through all terminals is 7 A.

† Maximum total current through all terminals is 2 A.

Note: Specifications are subject to change without notice

