



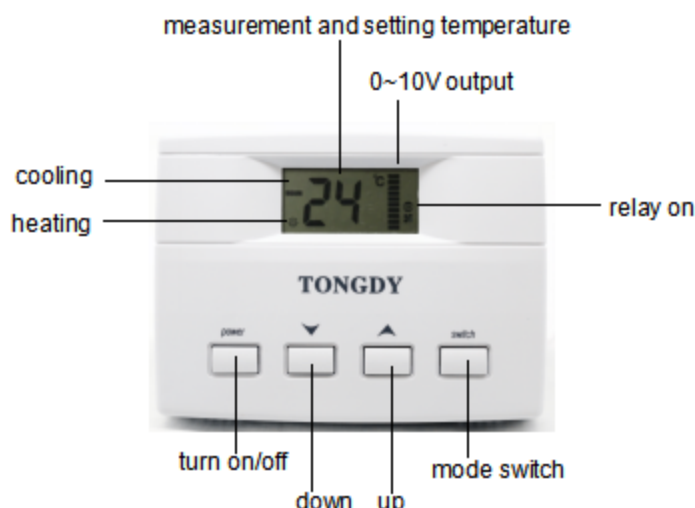
F2000LV-A

VAV Room Thermostat with Proportional-Action Control for VAV Terminals

□ Features

- ◆ Designed to control the room temperature for VAV terminals with 1X0~10 VDC output to cooling/heating or 2X0~10 VDC outputs to cooling and heating dampers.
- ◆ One or two relay outputs to control one or two stages electric aux. heater.
- ◆ LCD can display working status such as room temperature, set point, analog output, etc. Makes reading and operating easy and accurate.
- ◆ All models feature user-friendly setting buttons
- ◆ Smart and enough advanced setup makes the thermostat being used in all
- ◆ Up to two-stage electric aux. heater control makes temperature controlling more accurate and energy-saving.
- ◆ Large set point adjustment, the mini. and max. limit of temperature preset by end users
- ◆ Low temperature protection
- ◆ Celsius or Fahrenheit degree selectable
- ◆ Cooling/heating mode auto changeover or manual switch selectable
- ◆ Two parts structure and quick wire terminal blocks make mounting easily.
- ◆ Blue backlight (optional)
- ◆ Optional Modbus communication interface

□ Buttons and LCD Display



□ Specifications

Power supply	24 VAC± 10% 50/60HZ 18VDC~36VDC
Electrical rating	2 amp load per terminal
Sensor	NTC 5K
Temperature control range	5-35°C (41°F-95°F)
Accuracy	± 0.5°C (± 1°F) @25°C
Analog output	One or two analog outputs Voltage DC 0V~DC 10 V Current 1 mA
Protection class	IP30
Operation condition	Temperature: 0 ~ 50°C (32~122°F) Humidity: 5 ~ 99%RH Non condensing
Storage condition	temperature: 0°C~50°C (32~122°F) humidity: <80%RH
Display	LCD
Net Weight	240g
Dimensions	120mm(L)× 90mm(W)× 24mm(H)
Material and colors:	PC/ABS Fireproofing house with white color
Mounting standard	Mounting on the wall, or 2"× 4" / 65mm× 65mm pipe box

□ Models

Type	Model	Characteristic
VAV Room Thermostat Power supply: 24VAC/VDC	F2000LV-A-N	1X 0~10V output for an actuator of VAV terminal with cool/heat manual switch
	F2000LV-A01	1X 0~10V output for an actuator, 1X on/off contact output to a heater. Cool/heat manual switch.
	F2000LV-A02	1X 0~10V output for an actuator, 2X on/off contact outputs for 2-stage heater. Cool/heat manual switch
VAV Room Thermostat with Modbus interface Power supply: 24VAC/VDC	F2000LVC-A-N	1X 0~10V output for an actuator of VAV terminal with cool/heat manual switch. Modbus interface
	F2000LVC-A01	1X 0~10V output for an actuator of VAV terminal. 1Xon/off dry contact output to heater. Modbus interface

□ Mounting and Wiring Diagrams

