



SZ1060 Series

Fan Coil Thermostats



Description

The SZ1060 Series is designed for fan coil applications that require digital (SZ1061 and SZ1062) or modulating (SZ1063 and SZ1064) heating and/or cooling.

The SZ1060 Series features:

- Stand-alone or network operation
- P+I control option (SZ1061 and SZ1062 only)
- No battery backup required
- Minimum on/off times for HVAC equipment protection
- 32-character LCD display
- Six status LEDs
- Remote room sensing capability
- User setpoint adjustment limits
- Three speed fan
- System and fan switching with access lockouts
- External input for setback or aquastat changeover
- Access to programming may be locked out or limited with the use of an access code
- Fahrenheit or Celsius temperature display
- Control for two or four pipe systems

additional features on SZ1062 and SZ1064:

- 7-day programmable time clock
- Optional pipe sensor input for changeover
- Adjustable delay on start-up and power-up for soft starts
- Smart recovery
- Local and remote override capability
- External time clock and override options
- Auxiliary output for heat, cool or time clock

Specifications

General

Accuracy: +/- 1°F at 75°F

Display resolution: +/-1°F (0.6°C)

Display: 32-character LCD

Programming: Front panel keypad or EIA RS485 interface

Communications: RS485, half duplex

Memory backup: Non-volatile EEPROM, no battery required

Environmental

Operating temperature: 32 to 131°F (0 to 55°C)

Operating humidity: 0 to 100% RH, non-condensing

Storage temperature: 14 to 140°F (-10 to 60°C)

Electrical

Supply voltage: 24 VAC +/- 20%

SZ1061 and SZ1063

Inputs: Built-in and remote platinum RTDs, three digital (dry contact)

Range: Room Temp: 40 to 90°F (built-in or remote)

SZ1061 Outputs: 5 digital (SPST dry contact, 24VAC @ 2A max.)

SZ1063 Outputs: 3 digital (SPST dry contact 24VAC @ 2A max.) and two 4-20mA DC analog max. Load Resistance (analog outputs): 600 Ω

SZ1062 and SZ1064

Inputs: Built-in and remote platinum RTD'S momentary override and three digital (dry contact)

Range: Room Temp: 40 to 90°F (built-in or remote)

Pipe Temp: 0 to 150°F(remote)

SZ1062 Outputs: 6 digital (SPST dry contact, 24VAC @ 2A max.)

SZ1064 Outputs: 4 digital (SPST dry contact 24VAC @ 2A max.) and two 4-20mA DC analog max. Load Resistance (analog outputs) 600 Ω

Common mode rejection: 100db @ 60 Hz

Power Consumption: 8 VA max.

Specifications subject to change without notice

Ordering Information

Part No.	Description
SZ1061	Digital fan coil thermostat
SZ1062	Programmable 7-day digital fan coil thermostat
SZ1063	Modulating fan coil thermostat
SZ1064	Programmable 7-day modulating fan coil thermostat

SZ1060 Series Accessories

TS2000	Remote sensor, room mount
TS3000	Remote sensor, room mount, decorator style
TS1005	Remote sensor, pipe strap mount
PO Series	Occupancy sensors
PR Series	Encased relays
PT Series	Control transformers

Dimensions

Note: inches [mm]

SZ1060 Series

