
SZ1025a

VAV Box Controller



Description

The SZ1025a is a microprocessor-based controller designed for VAV terminal unit applications.

Features

- Stand-alone or network operation
- Built-in velocity pressure sensor with K-factor correction
- Pressure dependent or pressure independent operation
- Capable of controlling series or parallel fan-powered boxes
- Offers two independent modulating outputs for a damper and reheat valve
- Interface available for tri-state actuator motors
- Separate heating and cooling minimum and maximum CFM settings
- Two independent dry contact outputs
- Remote setpoint capability
- Discharge air sensor input
- Filter monitor input
- External time clock input

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Mounting

Use two #10 sheet metal screws to mount the SZ1025a.

Prior to mounting, place the jumpers. (See setup instructions.) If the unit will be stand-alone, all programming should be completed. Also, if the unit will be wired for communications, a unique address should be programmed into the unit. (See programming instructions.)

For best results, the room sensor should be mounted on an interior wall that reflects normal room environment, at a height of approximately five feet from the floor. Avoid areas exposed to direct sunlight, unusual heat sources, open doors and windows, or unventilated locations.

