ZASF Secondary VAV Damper

Terminal Box Accessory Controller

AUTOMATEDLOGIC
United Technologies

The Automated Logic® ZASF secondary VAV damper is an integral component of the WebCTRL® building automation system.
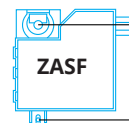
The ZASF is intended specifically for VAV terminal box applications and is designed to be used with the ZN341v+ and ZN141v+. It mounts directly on the secondary VAV damper shaft and provides an integral actuator and a second integrated flow sensor for damper positioning and air-flow sensing in dual duct or tracking systems.

Key Features and Benefits

- Integrated precision air flow sensor
- Connects directly to ZN line modules (no extra power wiring required)
- Easily mounts on the side of a VAV box

Specifications

Air Flow Sensor:	Precision low flow AWM series 0-2" W.C., sensitive down to ±0.001" W.C. Barbed tapered air flow connections 3/16" (4.75mm) I.D. tubing.
Integral Actuator:	Brushless DC motor, torque 35 inch-pounds (4Nm), 5 sq.ft. (0.46m²) maximum damper size. Both the ZN341v+ and ZN141v+ are compatible with the optional ZASF integral air flow sensor/actuator assembly for dual duct and tracking applications.
Protection:	Built-in surge and transient protection circuitry for communications and tracking applications.
Listed by:	UL916 (Canadian Std C22.2 No. 205-M1983), CE, FCC Part 15 – Subpart B – Class A.
Operating Range:	0°F to 130°F (-17.8°C to 54.4°C); 10 to 90% relative humidity, non-condensing.
Power Requirements:	12V-dc @ 250MA,14 VA (adds 3VA to the requirements of the host ZN341v+ or ZN141v+ module).
Weight:	1 lb. 9 oz. (0.7 kg)

Dimensions:

Overall
Width: 6-1/2" (165mm)
Height: 7" (178mm)
Depth: 2-1/2" (64mm) min. panel depth

Mounting*
One mounting hole as shown at left with 5-5/8" (143mm) spacing (height) from shaft center line.
For indoor use only

ZASF

Mounting hole spacing 5-5/16".

The WebCTRL® building automation system gives you the ability to understand your building operations and analyze the results. The WebCTRL system integrates environmental, energy, security and safety systems into one powerful management tool that allows you to reduce energy consumption, increase occupant comfort, and achieve sustainable building operations. Our web-based platform allows building managers to control and access information about their HVAC, lighting, central plant and critical processes on premises or remotely at any time of day.

We make data **big.**™
Next level building automation engineered to help you make smart decisions.