

NO BYPASS REQUIRED!

4 ZONE ESP PANEL WITH VENTILATION CONTROL

The **ZP4-ESP-FAV** is a 4 zone panel that integrates our award-winning ESP (Electronic Static Pressure) technology to completely eliminate the need to install a bypass damper and pairs it with timed & demand ventilation control. This 3H/2C zone panel comes with a static pressure sensor. Tests indicate that bleeding a small amount of conditioned air for a short time into non-calling zones has little to no impact on the zone temperature.



Static pressure sensor & panel cover included

*For ESP functionality, 3-wire MD dampers and static pressure sensor must be used

Also available as kit including:

- ✓ Zone Panel
- ✓ Static Pressure Sensor
- ✓ 2 Duct Temperature Sensor
- ✓ 50VA Transformer

The ZP4-ESP-FAV includes the capability of controlling fresh air ventilation in the HVAC system, as well. The fresh air damper output can be controlled by the zone panel's timer, via demand from an external device like the CO2-TH, or both. When the ZPA-OTS is installed, high and low outdoor temperature lockouts can prevent fresh air ventilation from taking place.

SPECIFICATIONS:

Warranty	10 years
Construction	Aluminum enclosure with snap-on panel cover
Mounting	Snap track with 2 back plate screws
Dimensions	13.50" H x 11.00" W x 2.00" D
Operating Temperature	-40° F to 150° F
Discharge Air Limits	Low Limit (30° F to 55° F) High Limit (100° F to 175° F)
Outdoor Balance Points	Low Balance Point (0° F to 40° F); High Balance Point (20° F to 60° F)
Purge Cycle	Off or 1 minute

FEATURES AND BENEFITS:

- 4 zone universal panel with ESP capability
- First call priority or majority wins
- Optional night thermostat input
- Staging by zone thermostats or adjustable built in upstage timer
- Second stage capacity control option
- Purge cycle option
- Works with 2-wire or 3-wire dampers*
- Live digital display of supply, return and outside air temperatures
- Optional dehumidification via over-cooling
- Fresh air damper output based on time or demand
- Adjustable high and low limits
- Adjustable high and low balance points