

ESP 2 Zone and 3 Zone Zone Control Panels

ZP2-HC-ESP
ZP3-HPS-ESP
ZP3-HCMS-ESP

Our ESP zone panels integrate our 2 and 3 zone panels with our award-winning ESP (*Electronic Static Pressure*), technology. Each panel comes with a static pressure sensor. As zone dampers open and close, the static pressure sensor continuously monitors the system static pressure. If the static pressure goes above the static pressure setpoint, the panel will send a signal to the selected non-calling zone dampers to begin opening to a point where the static pressure setpoint is maintained. This eliminates the need for a conventional bypass damper.

The **ZP2-HC-ESP** is a single-stage heat/cool zone panel designed to control 2 zones in residential and light commercial applications. The **ZP3-HPS-ESP** model is designed to fit 3 zone applications for heat pump or dual fuel systems in residential and light commercial applications. The **ZP3-HCMS-ESP** model is designed to fit 3 zone applications for multi-stage heating and cooling in residential and light commercial applications.



Also available
as kit including:

- Zone Panel
- Duct Temperature Sensor
- Static Pressure Sensor
- 40VA Transformer

NO BYPASS REQUIRED!

Features and Benefits:

- Built-in static pressure control eliminates the need for a bypass damper
- Auto changeover
- First call priority with time share
- LED status indication
- Independent fan control by zone
- Short cycle protection
- Competitively priced
- Works with 2 or 3 wire zone dampers*
- Adjustable high limit
- Adjustable high and low balance point (HPS)

Warranty: 10 years

ZP3-HCMS-ESP shown

Static pressure sensor &
panel cover included

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

Specifications:

Construction	Aluminum enclosure with snap-on panel cover
Mounting	Snap track with 2 back plate screws
Dimensions	8.00" Height x 6.00" Width x 1.50" Depth
Operating Temperature	-40° F to 150° F
Time Delays	3 minutes off between cooling calls 3 minutes off on low limit 20 minute time share
Discharge Air Limits	Preset Low Limit (45° F) Adjustable High Limit (130° F to 160° F)

BOARD DIAGRAM

