

ESP 6 Zone

Zone Control Panel

ZP6-ESP



The ZP6-ESP is a 6 zone panel that integrates our award winning ESP technology to completely eliminate the need to install a bypass damper. This 4H/2C zone panel comes with a static pressure sensor. The system works like any standard zone control system with one exception; a static pressure sensor continuously monitors the system static pressure. If the static pressure goes above setpoint, the ESP panel will power the selected non-calling zone dampers open just enough to relieve the excess pressure. 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.

The panel can be used with single-stage, multi-stage, heat pump or dual fuel equipment. Programmable LCD and slide switch configuration makes setup quick and easy. A wide range of control options provide ultimate application flexibility including adjustable high/low limits, adjustable high/low balance point, stage timing, capacity control and priority cooling control.



**Also available
as kit including:**

- Zone Panel
- 2 Duct Temperature Sensors
- Static Pressure Sensor
- 75VA Transformer

Static pressure sensor &
panel cover included

NO BYPASS REQUIRED!

Features and Benefits:

- 6 zones expandable up to 12 (using ESP expansion panel)
- Auto changeover
- Cooling priority or majority wins
- Twenty minute time share option
- Optional night thermostat
- Humidification/Dehumidification pass-throughs
- Staging by zone thermostat or built in upstage timer
- 2nd stage capacity control option
- Purge cycle option
- Works with 2 or 3 wire zone dampers*
- Adjustable high and low limit
- Adjustable high and low balance point

Warranty: 10 years

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

Specifications:

Construction	Aluminum enclosure with snap-on panel cover
Dimensions	13.50" Height x 11.00" Width x 2.00" Depth
Operating Temperature	-40° F to 150° F
Adjustable Discharge Air Limits	Low Limit (40° F to 58° F) High Limit (100° F to 175° F)
Outdoor Balance Points	Low Balance Point (0° F to 50° F) High Balance Point (55° F to 70° F)
Purge Cycle	Off or 1 minute
Fan Mode	All zones or by zone thermostat

BOARD DIAGRAM

