

NO BYPASS REQUIRED!



The **ZP4-ESP** is a 4 zone panel that integrates our award-winning ESP (Electronic Static Pressure) technology. Each panel comes with an adjustable static pressure sensor. The panel can be used with single-stage, multi-stage, heat pump and dual fuel equipment. Programmable 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, and capacity control.

Also available as kit including:

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

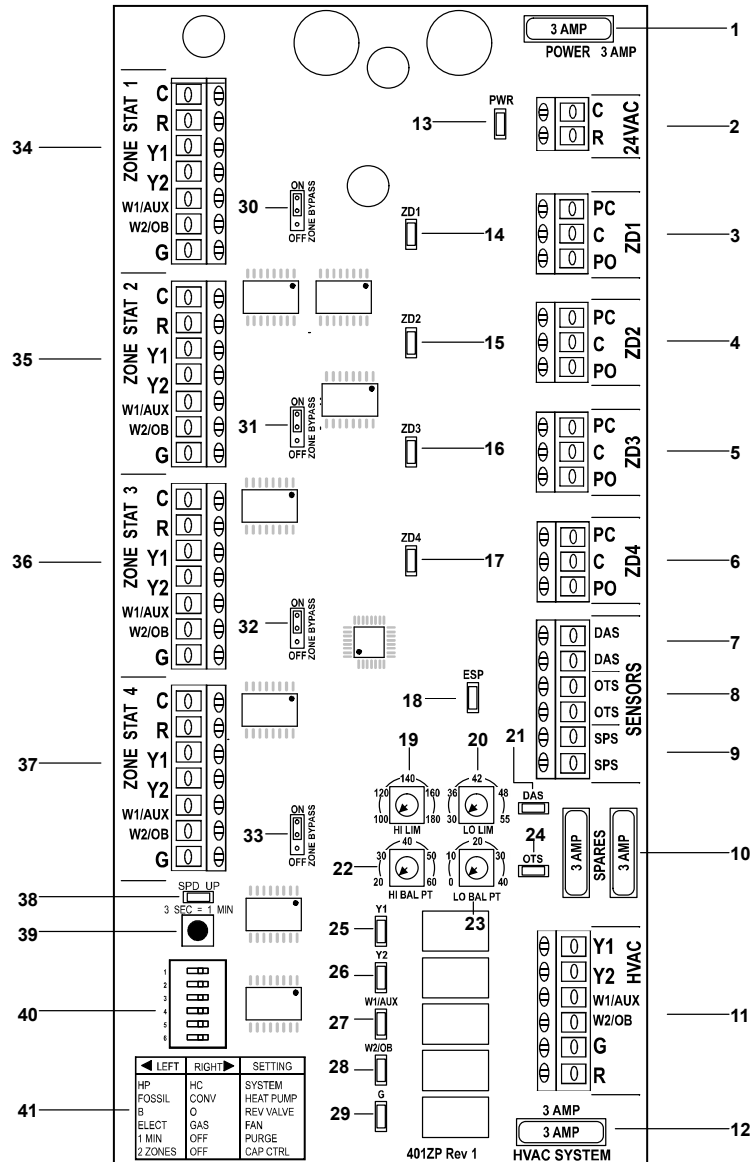
SPECIFICATIONS:

Warranty	10 years
Construction	ABS plastic enclosure with snap-on panel cover
Mounting	Snap track with 2 back plate screws
Dimensions	8.75" H X 7" W x 1.5" D
Operating Temperature	-40° F to 150° F
Time Delays	5 minute changeover; 3 minute off on high or low limit; 20 minute time share
Discharge Air Temperature Limits	Low Limit (30° F to 55° F) High Limit (100° F to 180° F)
ESP Functionality	Must use 3-wire MD dampers and static pressure sensor

FEATURES AND BENEFITS:

- 4 zone universal panel with ESP capability
- Smallest universal panel offered by iO
- Up to 2H/2C conventional or 3H/2C heat pump and dual fuel
- Auto changeover
- First call priority with time share
- 2 zone, 2nd stage capacity control
- Purge cycle option
- Adjustable high and low limits
- Adjustable high and low balance points
- Easy switch configuration
- Fused protected inputs and outputs

BOARD DIAGRAM



1. 3 AMP FUSE PROTECTS PRINTED CIRCUIT BOARD
2. 24 VOLT TRANSFORMER TERMINALS
3. ZONE 1 DAMPER TERMINALS
4. ZONE 2 DAMPER TERMINALS
5. ZONE 3 DAMPER TERMINALS
6. ZONE 4 DAMPER TERMINALS
7. DISCHARGE AIR SENSOR TERMINALS
8. OUTDOOR TEMPERATURE SENSOR TERMINALS
9. STATIC PRESSURE SENSOR TERMINALS
10. SPARE 3 AMP FUSES
11. HVAC EQUIPMENT TERMINALS
12. 3 AMP FUSE PROTECTS THE RELAY CONTACTS
13. PANEL POWER LED
14. ZONE DAMPER 1 LED
15. ZONE DAMPER 2 LED
16. ZONE DAMPER 3 LED
17. ZONE DAMPER 4 LED
18. ESP LED
19. HIGH LIMIT POTENTIOMETER
20. LOW LIMIT POTENTIOMETER
21. DISCHARGE AIR SENSOR LED
22. HIGH BALANCE POINT POTENTIOMETER
23. LOW BALANCE POINT POTENTIOMETER
24. OUTDOOR TEMPERATURE SENSOR LED
25. Y1 RELAY LED
26. Y2 RELAY LED
27. W1/AUX RELAY LED
28. W2/OB RELAY LED
29. G FAN RELAY LED
30. ZONE 1 BYPASS JUMPER
31. ZONE 2 BYPASS JUMPER
32. ZONE 3 BYPASS JUMPER
33. ZONE 4 BYPASS JUMPER
34. ZONE 1 THERMOSTAT TERMINALS
35. ZONE 2 THERMOSTAT TERMINALS
36. ZONE 3 THERMOSTAT TERMINALS
37. ZONE 4 THERMOSTAT TERMINALS
38. TIME DELAY SPEED UP LED
39. TIME DELAY SPEED UP BUTTON
40. SYSTEM CONFIGURATION SELECTOR SWITCHES
41. SYSTEM CONFIGURATION SWITCH DEFINITIONS