

## ZONE CONTROL PANELS

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.

## NO BYPASS REQUIRED!

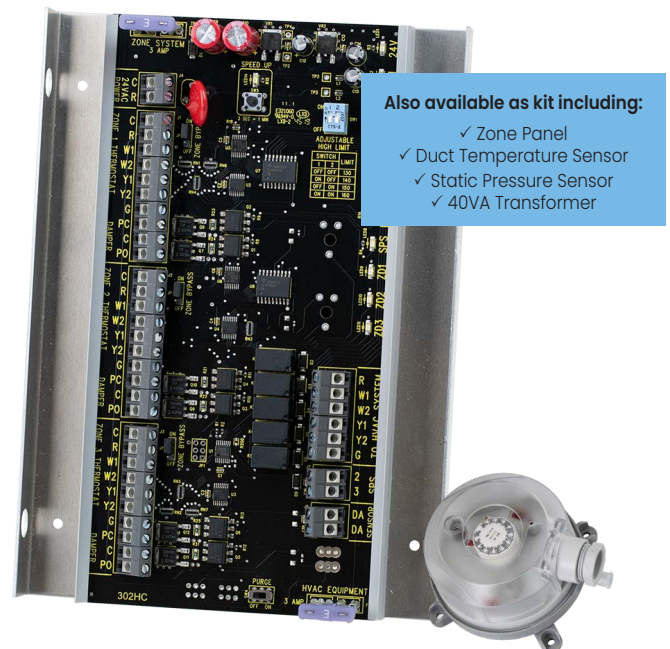
### Features and Benefits:

- 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

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



Also available as kit including:

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

ZP3-HCMS-ESP shown

Static pressure sensor & panel cover included

## Specifications:

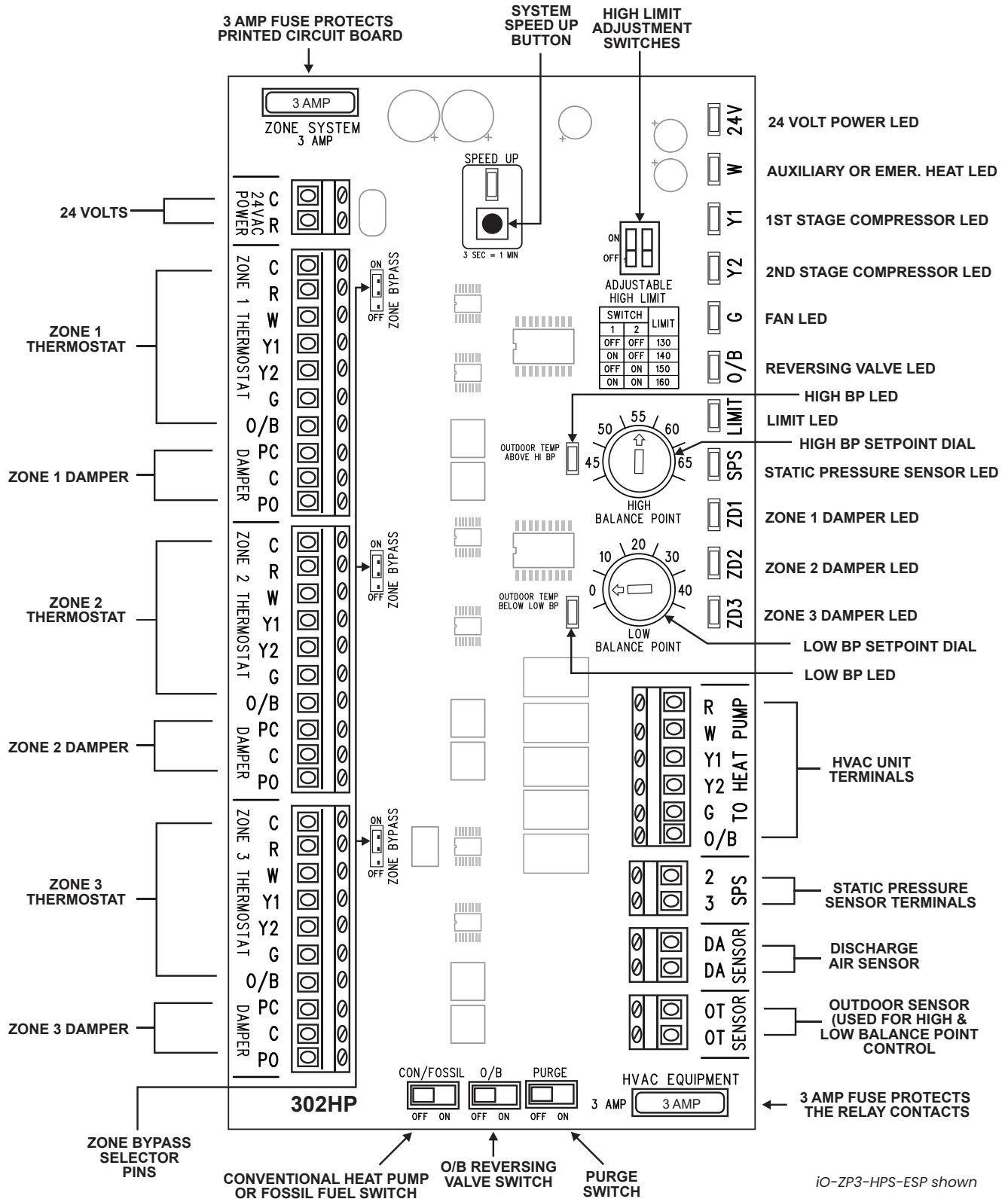
|                              |                                                                                           |
|------------------------------|-------------------------------------------------------------------------------------------|
| <b>Construction</b>          | Aluminum enclosure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



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## BOARD DIAGRAM



*iO-ZP3-HPS-ESP shown*