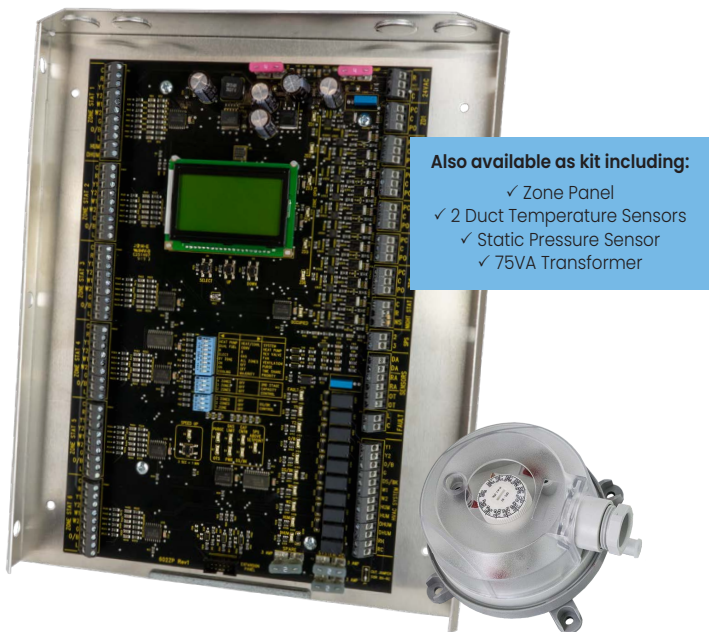


## ZONE CONTROL PANEL

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

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

## 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

## Specifications:

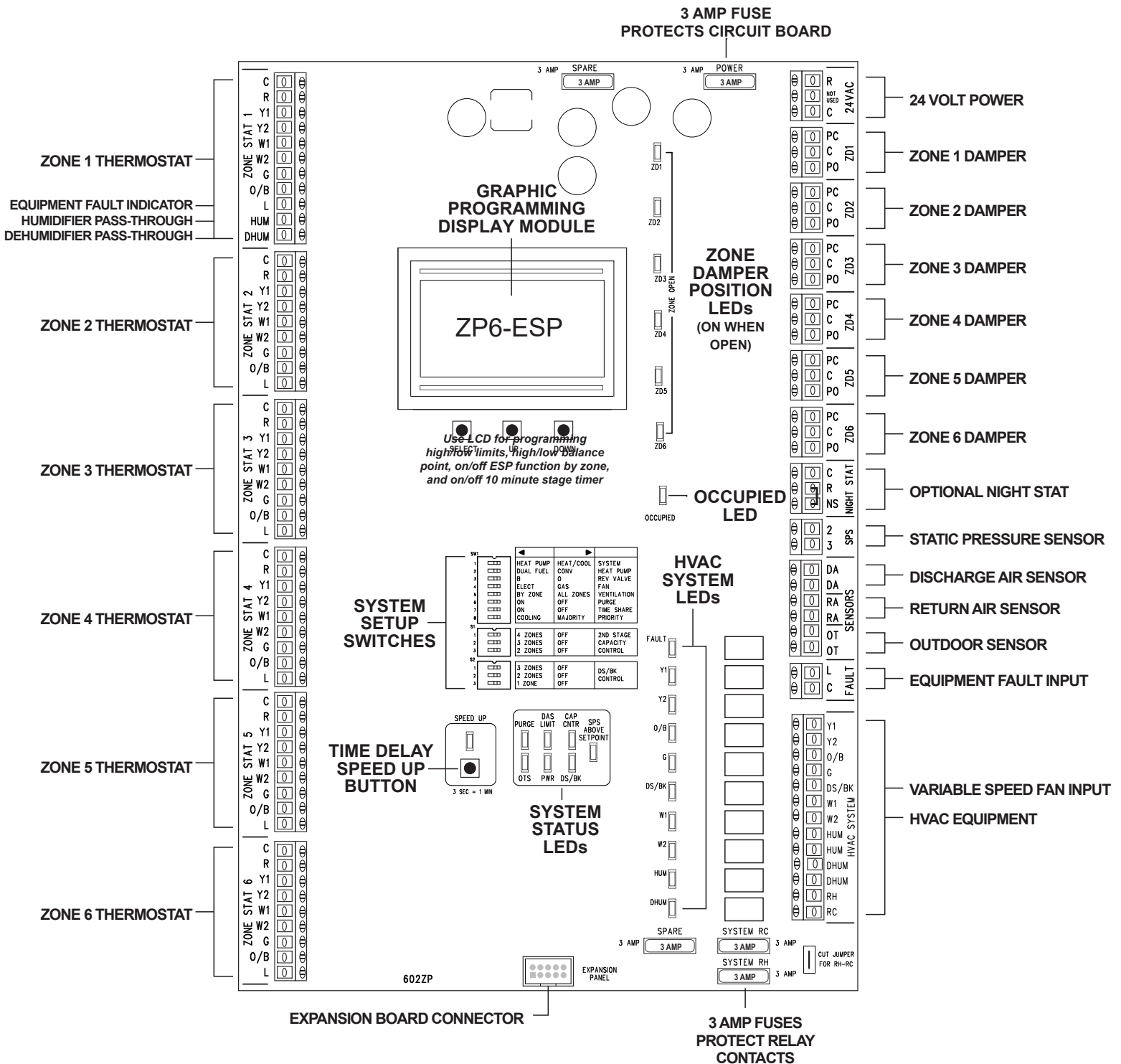
<b>Construction</b>	Aluminum enclosure with snap-on panel cover
<b>Dimensions</b>	13.50" Height x 11.00" Width x 2.00" Depth
<b>Operating Temperature</b>	-40° F to 150° F
<b>Adjustable Discharge Air Limits</b>	Low Limit (40° F to 58° F); High Limit (100° F to 175° F)
<b>Outdoor Balance Points</b>	Low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



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# BOARD DIAGRAM



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