**SPECIFICATIONS**

**INPUT VOLTAGE:** 24Vac 50/60 Hz Listed
TRANSFORMER 40-100Va MAX. NEC Class 2.

**POWER DRAW:** Max 23 VA @ 24VAC.

**OVER-CURRENT PROTECTION:**
PANEL: 4.0 amp or 100 VA
DAMPERS: 2.5 amp or 60VA.

**WIRING:** 18awg solid copper wire. Do not use stranded wire. Shielded cable is unnecessary.

**KNOCKOUTS:** 3/4” available at Top, Bottom & Back of molded Impact Resistant Housing.

**TEMPERATURE:** -20° to 160°F (-29° to 71°C).

**HUMIDITY:** 0% - 95% RH Non-Condensing.

**FEATURES**

**NUMBER OF ZONES:**
2, 3, or 4 Zones, expandable to 22 zones using **ZXM-2 expansion modules.** See 090377A0144 rev. B.

**COMPATIBLE EQUIPMENT:**
Gas/Electric/Hydro – Up to 2 Stages Heating and 2 Stages Cooling.
Heat Pump Conventional or Dual Fuel – Up to 4 Stages Heating and 2 Stages Cooling.

**COMPATIBLE THERMOSTATS:**
Any single or two stage Heat/Cool Thermostat or 4 Stage Heat, 2 Stage Cool Heat Pump Thermostat.

**COMPATIBLE DAMPERS:**
EWC Models URD, ND, RSD and SID. Any 24vac 3 Wire or 2 Wire damper.

**ACCESSORIES:**
Model SAS – Supply air sensor *(Included).*
Model OAS – Outdoor Air Sensor *(Optional).*
Model RAS – Return Air Sensor *(Optional).*
Co2 Monitor - Provided by Others *(Optional)*

**ADDITIONAL FEATURES:**
*Staging via Multi-Stage Thermostats, Adjustable On-board Timer, or Outdoor Air Sensor (7 to 42 Minutes or 7° to 42°F).
*50% Rule to limit staging if less than half the total zones are demanding Heating or Cooling.
*Variable Speed Fan Reduction Control, if less than 25% of total zones are demanding cooling.
*Fire Alarm Interlock feature, shuts down HVAC system and closes all connected dampers.
*Enhanced Dehumidify Feature and Supply/Return Air Temperature Monitoring.
*Fresh Air Damper Terminal Block with Indoor Blower Interlock. Activated by Co2 dry contact closure.

**SUBMITTAL FORM**

**SUBMITTED BY:**
**JOB:**
**ARCHITECT:**
**ENGINEER:**
**CONTRACTOR:**
**LOCATION:**