

Two-Position Zone One™

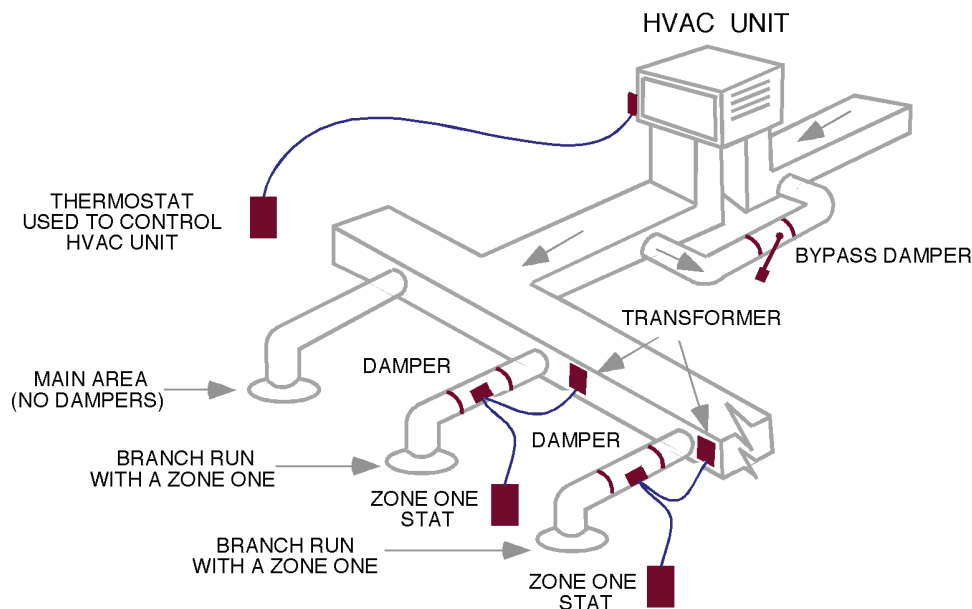
Modulating Zone One™

Solving over-heating and over-cooling problems in office buildings can be very costly. Jackson Systems has a simple, cost effective solution to this problem.

Zone One from Jackson Systems is a modulating or two position stand-alone zone control damper assembly designed to solve these problems. The damper can be used to control a single room, or by using a number of dampers, multiple rooms. The Zone One system includes a duct sensor, auto changeover control and zone damper motor, all pre-wired at the factory. Simply run two wires to the 24 volt transformer and 4 or 8 wires to the thermostat and the problem is solved.

Features

- Available in two-position or modulating
- Available in round or rectangular
- Available as a VAV diffuser
- Auto changeover
- Minimum position adjustment
- LED status indication
- Controls are pre-wired from factory
- No control panel required
- More installation flexibility
- 5 year warranty
- Factory-direct to the contractor



HOW IT WORKS

When the Zone One thermostat calls for conditioning of the space, the duct sensor in the damper assembly senses warm or cold air in the duct supply. The thermostat then signals the damper to open or close, depending on the heating or cooling needs of the space. A slave damper can also be used to control a second duct run from the same thermostat. If multiple Zone One modulating systems are installed, they can easily be converted to a full zoning system by adding a zone panel.

The Zone One is also available with the Comfort System VAV Diffuser. The Comfort System VAV Diffuser is designed to maintain coanda effect (draft free) of discharge air along the ceiling, providing a sustained discharge velocity throughout the volume range. The VAV Diffuser is adjustable and is suitable for lay-in ceilings.

Two-Position Zone One™ Material List

(some items may be optional)

Round Damper	D-Z1-XX
Rectangular Damper	D-Z1-XXXX
Zone One™ Digital Thermostat	T-32-TS
Round Barometric Bypass Damper	BH-XX
Suction Line Freeze Stat	FS-38
Transformer	TR-40

Modulating Zone One™ Material List

(some items may be optional)

Round Damper	ZD-XX
Rectangular Damper	ZD-XXXX
Diffuser	VD-XX
Zone One™ Digital Thermostat	Z-2000-T
Round Barometric Bypass Damper	BH-XX
Round Electronic Bypass Damper	EB-XX
Suction Line Freeze Stat	FS-38
Transformer	TR-40