Zoning and controls · Zone controllers

4-zone modulating controller

A wall controller for four zones. Each zone can be set to 25, 50, 75 or 100% open, not just on or off, with four LEDs showing the position. Any zone can be set as the spill zone.

Part numbers

Part number	Description	Size (mm)	Unit
AS-ZC-4M	4-zone modulating controller	4 zones	Each

Key specifications

Zones	4
Positions	25, 50, 75, 100% or closed
Supply	24 VAC ±10%, 50 Hz
Zone output	200 mA per channel

Control

Zones	4, each controlled on its own
Positions per zone	25%, 50%, 75% and 100% open, or closed
Position display	Four LEDs per zone
Spill zone	Any one zone, set at the controller
Power loss	Positions and spill setting kept after power returns
Zone labels	Pre-printed and blank labels included

Electrical

Supply	24 VAC ±10%, 50 Hz
Built-in fuse	2.0 A resettable
Zone output	24 VAC, 200 mA per channel
Cable to actuator	20 m maximum

Environment

Operating temperature	–10 °C to +60 °C
Operating humidity	10 to 80% RH, non-condensing
Altitude	0 to 2000 m

Specifications may change without notice. Confirm details for your project with Austra Supply before ordering.

Overview

Most zone controllers only open or close a zone. This controller sets each zone to 25, 50, 75 or 100% open. Press OPEN once for fully open, and press again to step through the settings. Four LEDs on each zone show where the damper sits.
Any one zone can be set as the spill zone. When every other zone is closed, the spill zone opens on its own to relieve duct pressure. This protects the fan and stops the ducts from over-pressurising. Choose a duct near a return air grille, a corridor or a plant room, not a bedroom or office.
Damper positions and the spill setting are kept if the power goes out. The controller runs on 24 VAC from our 240 V to 24 V transformer and drives one F03 actuator per zone.

Typical applications

Homes and apartments · Small offices and shops · Upgrading an open/close system · Jobs where zones need part-open settings

Trade pricing: send part numbers and quantities to harjot@austrasupply.com or through austrasupply.com/contact.

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