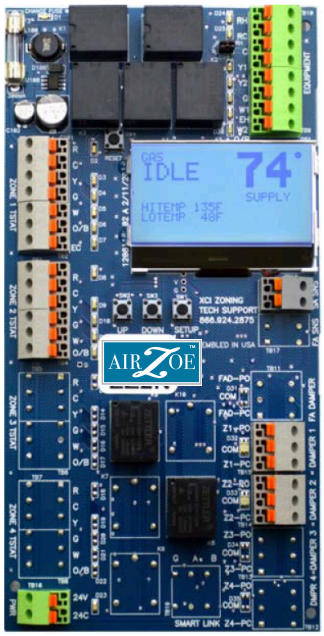
AZ-EZ4F

ZONE CONTROLLER

The AZ-EZ4F controller features a state-of-the-art microprocessor for reliable control of two (2) zones from a single forced-air HVAC system. The panel includes a bright, backlit LCD display with full text for system status monitoring and diagnosis. In addition, each thermostat and equipment terminal has its own color-coded LED allowing for easy monitoring of thermostat and equipment calls. The included supply air temperature sensor allows for constant monitoring of supply air temperature in the plenum. XCI's exclusive Electronic Limit Control™ (ELC) technology protects the system's compressor and heat exchanger from potential issues associated with freeze-up and over heating. Intelligent Smart-Staging™ handles equipment staging based on time and temperature, allowing the use of single-stage thermostats. Exclusive Economy Mode provides comfort and efficiency control. Supports up to 3-Stage Heating and 2-Stage Cooling equipment.



- Full-Featured 2-Zone Controller
- Electronic Limit Control
- Intelligent SmartStaging
- On-Board Fresh Air & Economizer Control
- Bright, Backlit LCD Display
- Return Ari or Fresh Air Temperature Monitoring Available
- Supply Air & Return Air Sensor Included
- Plastic Enclosure and Spare Fuse Included
- AZ's Exclusive Start-up Equipment Test Mode
- Stand-Alone or 2-Zone Expansion Module
- LED Indicates Blown Fuse
- Dependable Field-Proven Platform

EZ INSTALLATION

- Mounts with Two Screws
- Quick-Connect Screwless Terminals
- Innovating Enclosure Design with Multiple Wiring and Mounting Options

EZ CONFIGURATION

- Simple Step-By-Step System Setup
- Controller Guides You Thru Each Step
- Backlit LCD Display is EZ to see
- No Dipswitches – No Confusion – No Guessing

EZ TROUBLESHOOTING

- Display Indicates Full System Status
- Color-Coded LED Indicators for Each Thermostat Call & Equipment Call
- Two-Color LED Indicators show Damper Position
- Red LED Indicates Blown Fuse

EZ CUSTOMER FEATURES

- Customer Never Needs to Use the Control Panel
- Selectable Zone-1 Priority for More Customer Control
- Enable Emergency Heat from Zone 1 Thermostat
- Constant Supply Air Monitoring from ELC™ Ensures Customer Safety
- Zone Specific Ventilation - Energize Fan from Any Thermostat

EZ OPERATION

- Mix & Match Standard Gas/Electric and Heat Pump Thermostats
- Intelligent Staging™ Based on Supply Air Temperature
- Automatic Changeover for Maximum Comfort
- Microprocessor Manages All Complex Decisions
- Adjustable Staging Time and Temperature for Maximum Comfort

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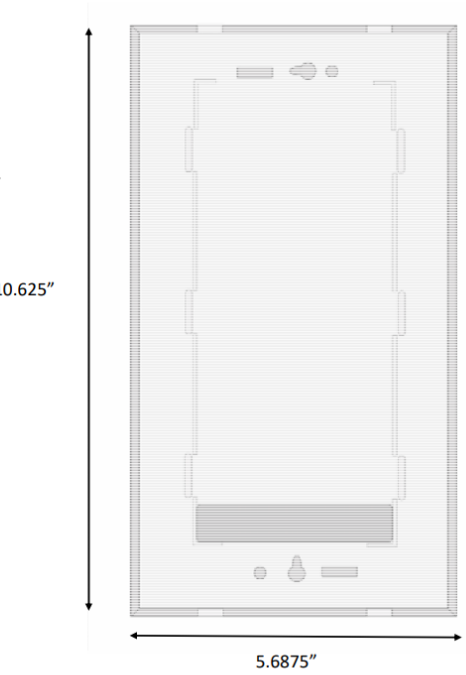
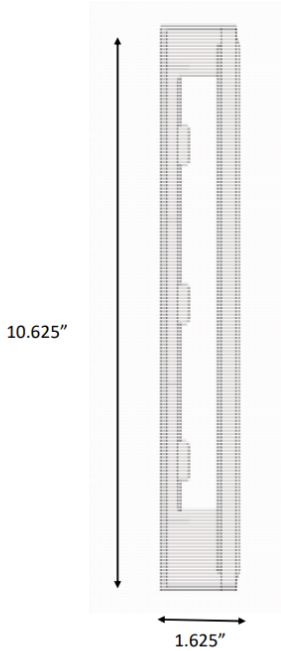
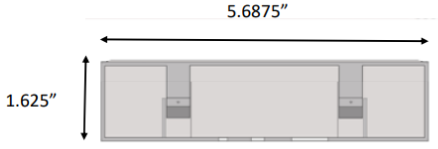
AZ-EZ4F

ZONE CONTROLLER

POWER	**EZ4F**	8VA Max (24VAC @ 300mA)
		Separate transformer design for controller, thermostats and dampers (Field Supplied)
		Separate RC & RH terminals for separate equipment transformers, if needed
	System Power Requirements	8VA + Thermostats (3VA) + Dampers (3 to 10VA) = Total Transformer Size
	Protection	Integrated 5x20mm 300ma Slo-Blo Fuse - One replacement also included
OUTPUTS	**Equipment**	**10 AMP @ 24VAC Contact Rating**
		RH - 24VAC *HOT* from Heating Transformer on Equipment (RED Led)
		RC - 24VAC *HOT* from Cooling Transformer on Equipment (RED Led)
		C - 24VAC *COMMON* from Transformer on Equipment (NO Led)
		Y1 - 1st Stage Compressor (YELLOW Led)
		Y2 - 2nd Stage Compressor (YELLOW Led)
		G - Fan (GREEN Led)
		W1/EH - 1st Stage Heat OR Emergency Heat (RED Led)
		W2 O/B - Reversing Valve OR 2nd Stage Heat (ORANGE Led)
OUTPUTS	**Dampers**	**10 AMP @ 24VAC Contact Rating**
		Power Close/Spring Open Dampers (10VA)
		Power Open/Power Close Dampers (3VA)
INPUTS	**Thermostat**	***LABEL** - DESCRIPTION (LED COLOR)*
		R - 24VAC *HOT* (RED)
		C - Common (NONE)
		Y - Compressor (YELLOW)
		G - Fan (GREEN)
		W - Heart OR Emergency Heat (RED)
		O/B - Reversing Valve (ORANGE)
		EC - Economy Input (GREEN) ← Zone ONE Only
INPUTS	**Temperature**	**10K Type II Thermistor**
		SA Sensor - 4" Supply Air Temperature Sensor - Stainless Steel Probe w/10ft.
		Cable and Plug (Provided with each SmartZone Controller)
FEATURES		**SPECIAL FEATURES**
	Equipment Capabilities	A/C - Gas Heat
		A/C - Electric Heat
		Electric Heat Pump - Electric Auxiliary Heat
		3 Heat/2 Cool
	Controller Capabilities	Intelligent Staging
		Zone 1 Thermostat Staging Capable
		Electronic Limit Control
		Adjustable High and Low Limit Set points
		Adjustable Time and Temperature Aux Heat Staging
		Works with Most 5-Wire Thermostats with Common Terminal
		On-Board Supply Air Temperature Monitoring
		Back-lit LCD Display
		LED Indicators for Thermostat and Equipment Calls
		Exclusive Technician Run-Test Mode
		5-Year Warranty
		LED Indicator for Blown Fuse







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