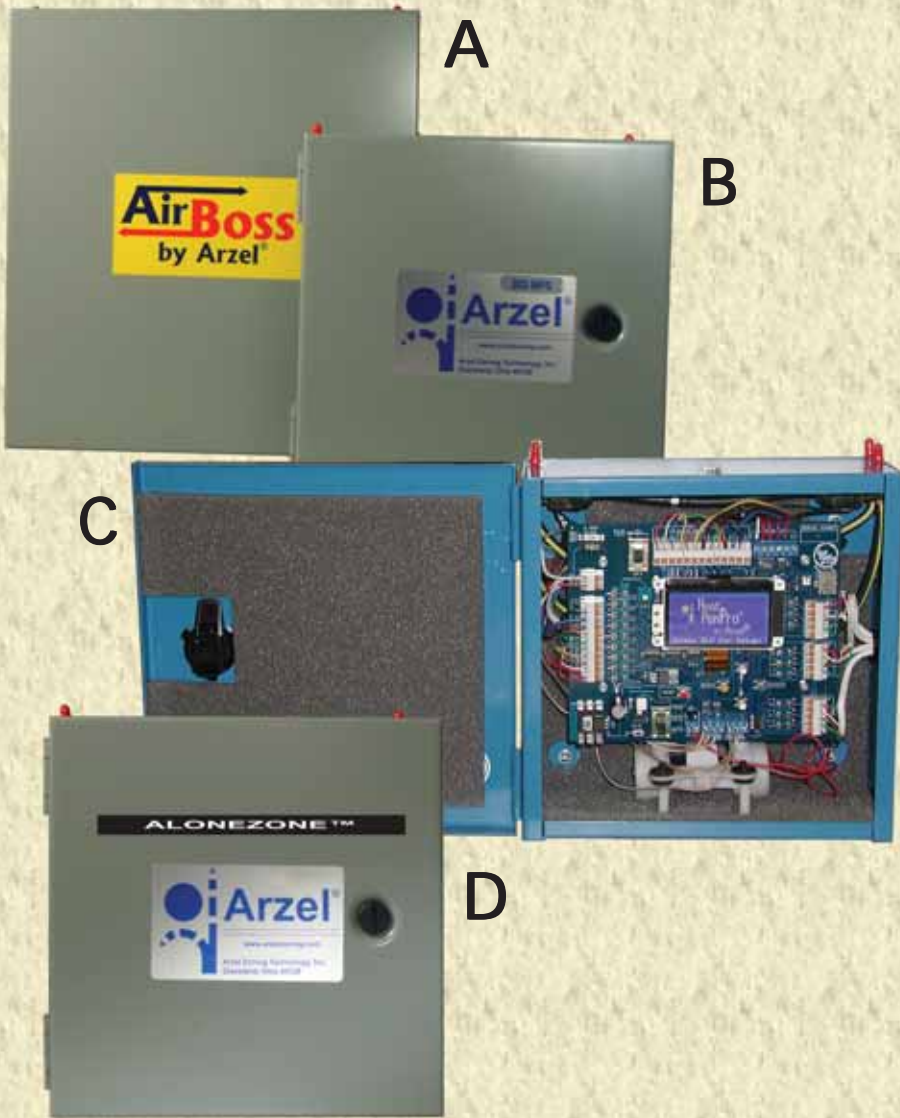


# Product Catalog



**Arzel® Zoning Technology, Inc.**

**Solution-Based Comfort®**



## A) AirBoss® Series (PAN-AB)

The AirBoss® zone control takes command of heating and cooling equipment. Features include built-in LAT monitoring which provides additional staging controls and a built-in fossil fuel kit. The panel's Energy Conservation Cycle utilizes residual conditioned air to maintain equipment efficiency. Available in 2- 3- 4- 6- and 8-zone configurations.

## B) 200 MPST™ Series (PAN-002)

The MPST™ Series Panel is a proven, rock-solid control system for basic zoning applications with similarly sized zones. This panel controls single stage or basic heat pump systems. Available in 2- and 3-zone configurations.

## C) HeatPumPro™ Series (PAN-HPP)

The HeatPumPro™ is the industry's first zoning solution designed to maximize heat pump and dual fuel system performance. SmartStaging™ controls equipment capacity based on either thermostat demand or variable load requirements. Zone weighting matches cfm output to available duct capacity, minimizing bypass requirements. Available in 2- 3- and 4-zone configurations.

## D) AloneZone™ (PAN-ALONE)

The AloneZone™ is a stand-alone panel that provides an economical solution to the overconditioning of a specific area without interfering with equipment control. The AloneZone™ operates by monitoring the HVAC equipment's mode of operation and closes dampers in the controlled area once its thermostat set point is reached.

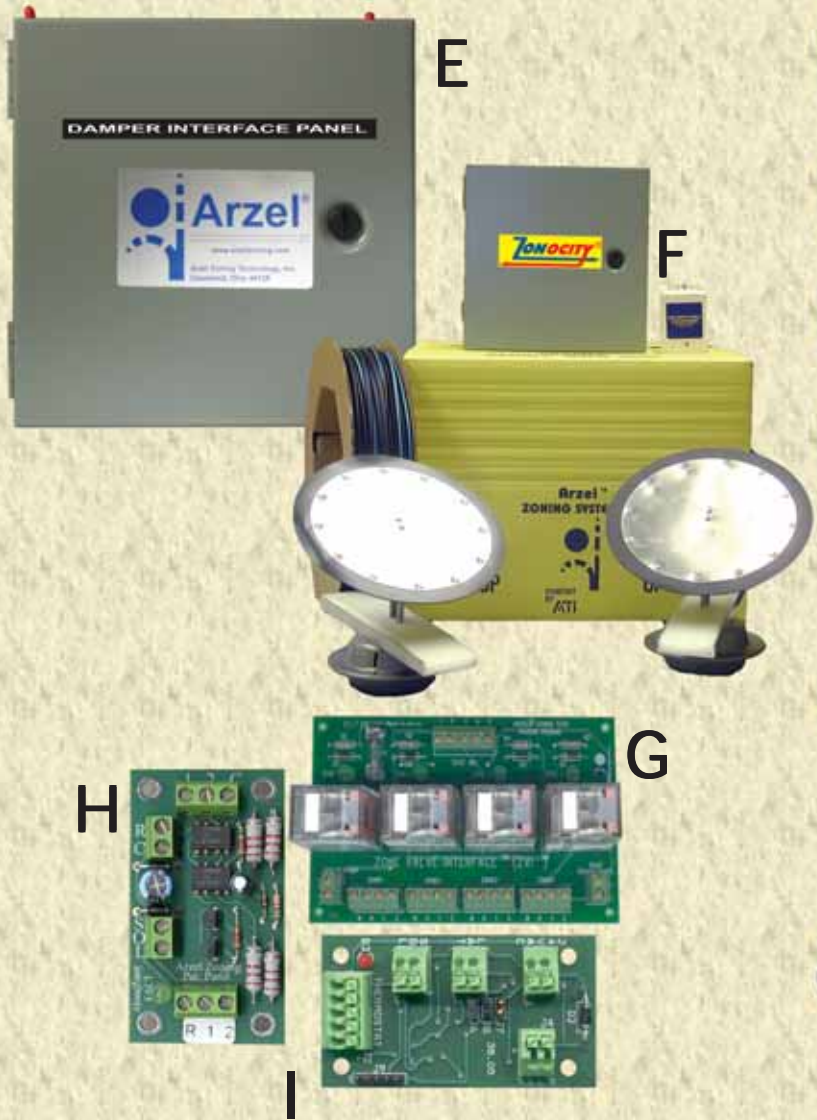
**E) Zone Interface Panel (PAN-INTFC)**

Now you can open up your retrofit market when using IntelliZone™<sub>1</sub> or Harmony™<sub>2</sub> controls that interface with ECM motors. The Zone Interface Panel will integrate those controls with our reliable, insertable, air-driven dampers. Available in 4- and 8-zone configurations.

**F) Zonocity™ Series (ZONOCITY)**

An Arzel® Zonocity™ zoning kit will provide multi-thermostat control to create individual comfort zones and complete the comfort package for contractors looking to add zoning to SDHV (Small Duct, High Velocity) systems. Available in 2- and 3-zone configurations.

Includes: zoning panel, trunk dampers, and tubing.



**G) Zone Valve Interface / ZVI™ (PAN-ZVI)**

The Arzel® ZVI-Control™ allows you to interface zoned cooling with zoned hydronic heating. Be the only contractor to quote one heating and cooling thermostat per zone without worrying about the details on how to interface the controls. The ZVI-Control™ simplifies the control wiring to eliminate the usual wiring headaches.

**H) Fresh Air Control Technology / FACT™ (PAN-FRESH)**

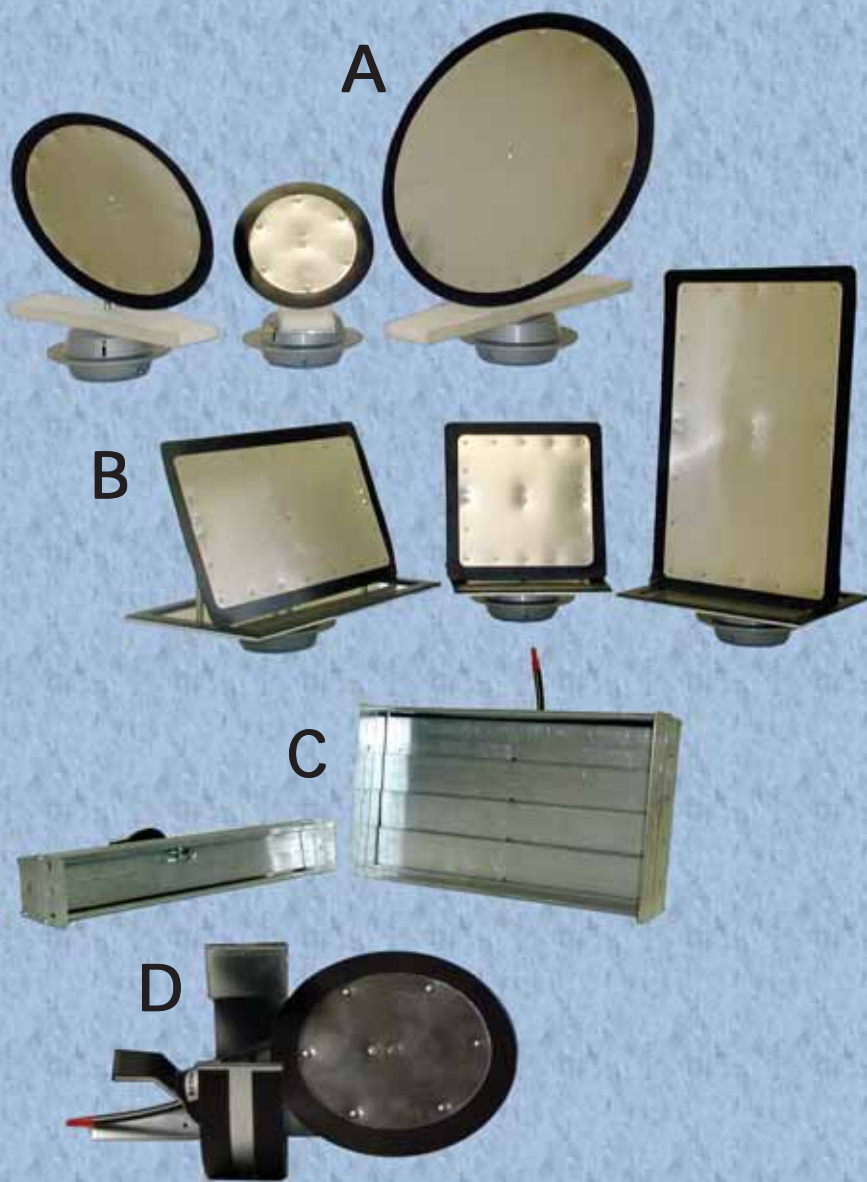
The FACT™ option allows you to control the introduction of fresh air into the HVAC system. You can bring in a fixed amount of air with any equipment operation or only when outdoor conditions are favorable. The FACT™ system helps improve indoor air quality without increasing energy consumption during extreme conditions.

**I) SmartSlave™ Zone (PAN-SSZ)**

The SmartSlave™ Zone opens and closes dampers to regulate temperature and ventilation in zones not requiring control of the equipment. The SSZ™ compares the thermostat call to the current equipment output. If they match, it will provide air to the zone. Otherwise the zone will not be served. The SSZ™ acts as a slave to the system, not any particular zone.

<sup>1</sup> Intellizone™ is a registered trademark of WaterFurnace  
<sup>2</sup> Harmony™ is a registered trademark of Lennox

# D a m p e r s



## EzySlide™ Dampers

EzySlide™ Dampers eliminate the need to take down or redesign the existing ductwork. The insertable design gives the dampers incredible flexibility and offers a solution for whole home comfort in the retrofit market.

### A) Round Dampers (STK-ER)

Round EzySlide™ Dampers are stocked in sizes from 4 to 16 inches.

### B) Rectangular Dampers (STK-SS / STK-SB)

Rectangular EzySlide™ Dampers are available in sizes from 4 to 40 inches wide and 20 inches tall.

### C) Regidamper® (REG)

The Regidamper® allows for easy damper installation in previously difficult situations. Using UL registered plenum rated tubing the airline is fished back through the ductwork and the damper slips easily into your register boot. Instead of the standard Arzel® actuator, the Regidamper® features a patented low-friction air cylinder. The Regidamper® works with standard Arzel® EzySlide™ Dampers, so you can mix and match damper types to fit any zoning applications.

### D) InsertaDamper® (INSRT)

This unique damper can be easily applied to counterflow slab applications as well as being installed through a round duct takeoff making retrofit zoning a snap! Just make an access hole in the trunk and insert the dampers into each run. The dampers are held in place by Arzel's patented Internal Damper Clamp.

## Barometric Bypass Dampers

The low cost, low tech solution to control bypass air. Arzel's weighted-arm, barometric damper floats open as the static pressure increases. It is recommended for systems with 2 or 3 zones where the zones are relatively equal in size.

### E) Round Barometric Dampers (SPD-R)

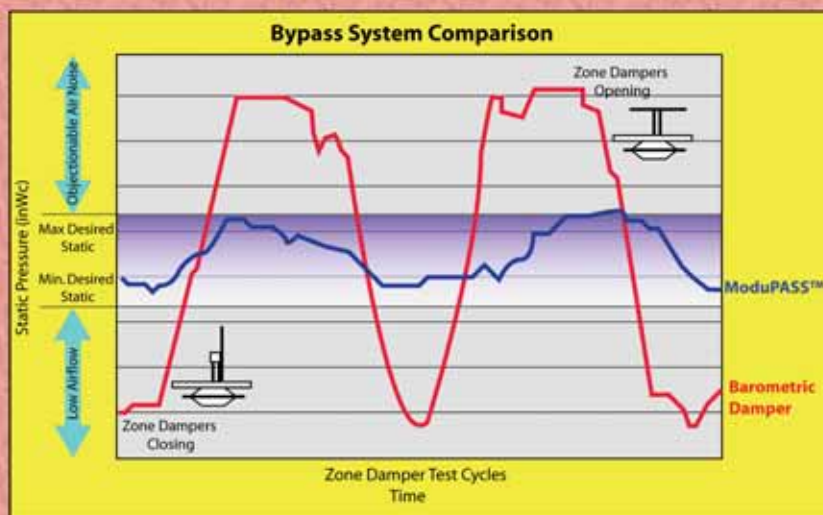
Available in sizes from 8"-14"

### F) Rectangular Barometric Dampers (SPD-S)

Available in six rectangular sizes.

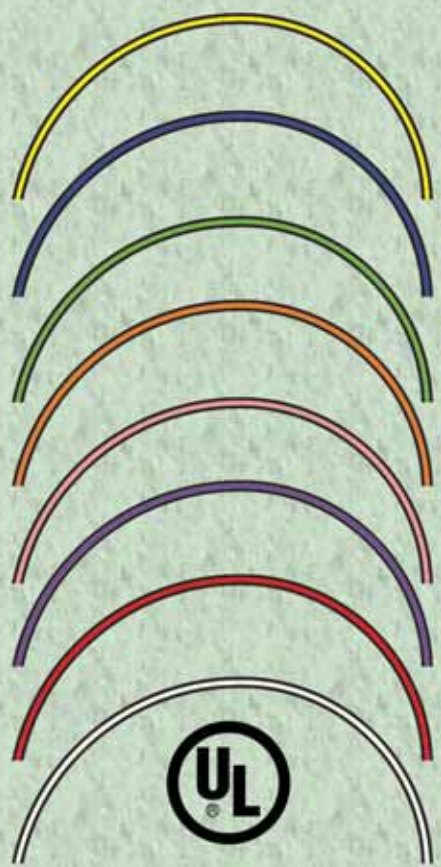
### G) Automatic Bypass Control (BYP-00KIT)

Monitors static pressure within the ductwork. Provides non-modulating control for systems with vastly different size zones or higher static supply pressures. Uses any EzySlide™ damper. Available on AirBoss® control panels.



### H) ModuPASS® (MOD-BYP)

The ModuPASS™ allows you to dial in a stable maximum static pressure. It provides more even static pressure control and is specifically designed for variable speed (ECM) blower applications. The ModuPASS™ allows you to adjust your pressure range from .05" wc to 1.0" wc. Available in 8", 10" and 12" kits. **Also available is the Universal ModuPASS® as a stand-alone modulating bypass control to retrofit an existing electro-mechanical zoning system with a variable speed (ECM) blower.**



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**Tubing**

Arzel® tubing is available for all Arzel® zoning applications. Available colors are green, white, purple, pink, red, blue, yellow and orange to make zone differentiation easy. Arzel® tees, elbows and plugs make the air side easy. Fittings slide easily and snugly into Arzel tubing.

**A) PVC Tubing (PVC-<color>)**

Use PVC tubing for standard EzySlide™ damper installations.

**B) Plenum Tubing (PLEN-<color>)**

Use Plenum tubing when you need to run tubing inside the ductwork or through a ceiling plenum return. UL registered.

**C) Fittings (Coupling: FIT-TC / Elbow: FIT-TE / Tee: FIT-TT / Plug: FIT-TP)**

Fittings are used to connect multiple dampers on a single zone. All fittings come in boxes of twenty-five (25) pieces.

**D) EzyHub™ (EZYHUB)**

The EzyHub™ is used to neatly group together six (6) air tubes and one (1) main line tube from a multi-damper zone. Especially helpful in Regidamper™ applications where several individual air lines exit the duct at one location.

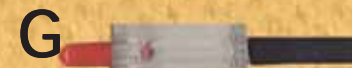
**E) Tubing Stapler & Staples  
Stapler: (TOOL-STPLR)  
Staples: (TOOL-FSTNR)**

Running tubing just became easier, quicker and neater with this addition to your Arzel® Tool Box. Cut your tubing installation time in half.



**F) Ductfinder™  
(DUCTFINDER)**

One-man tool that identifies branch ducts with their registers.



**G) Air Flow Indicator  
(TOOL-AIRFLOW)**

The Air Flow Indicator is used to quickly test the integrity of the air tubes and damper actuators by monitoring air movement from the panel to each zone individually. If the test ball within the indicator falls then that air line is not leaking. If the indicator continues to move, then an air leak is indicated.

**H) Snips (TOOL-SNKIT)**

Arzel's upright snips that can reach where other snips just can't.



**I) Complete Toolkit (TOOL-KIT)**

Arzel® tools can be bought separately or you can purchase one of our convenient tool kits which keeps everything together and organized in a sturdy carrying case.

Includes: 1 Duct Finder™, 1 EzyHub™, 1 airflow indicator, 1 stapler, 2 boxes staples, 200 screws, 200 tees, 25 each elbows, plugs and couplings. All in a sturdy carrying case. Refills also readily available.

# Warranty



The best zoning system in the industry deserves to be backed up by the best warranty in the industry, and Arzel® has done just that.

All Arzel® zoning systems are covered by a full parts and labor warranty for **five (5) years** on panels and **ten (10) years** on dampers!

All Arzel® warranties are transferrable and stay with the equipment.

Damper and panel warranties administered by Equiguard, Inc.



10-Year Panel Warranty (ESA-10YR)

Panel warranties can be extended to a full ten years.

 **Arzel® Zoning Technology, Inc.**  
4801 Commerce Pkwy. Cleveland, OH 44128 • Website: [www.arzelzoning.com](http://www.arzelzoning.com)  
Ph: (216) 831-6068 or TOLL FREE (800) 611-8312 • Fax: (216) 831-6074