

PRODUCT GUIDE



Innovative Zoning Solutions.

Made Simple and Reliable.

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Zoning Overview

When a home or business is zoned, rooms are grouped together according to usage and conditioning needs.

A zoning system usually consists of a control panel, dampers, and a temperature controller for each zone. Dampers are installed within the ductwork and control the airflow to each zone.

The zoning control panel is tied into the structure's heating and cooling system, and when a zone calls for either heating or cooling, it opens or closes the appropriate dampers.

The Arzel Difference

For nearly 40 years, Arzel Zoning has been manufacturing industry-leading zoning systems that offer the quietest, most efficient, and most reliable solution to the comfort issues people face in their homes or office every day.

Arzel's systems are also the easiest to install, which means it saves contractors' time and labor cost.

Arzel offers the sales, marketing, and technical support needed to make selling and installing its systems the best option.



Turn Airflow into Cashflow



Retrofit zoning done right.



Why sell Arzel Zoning?

With homeowners staying in their homes now more than ever, they are not only exploring solutions to improve their indoor air quality and save on energy bills but resolve their comfort issues for good.

By offering HVAC Zoning to your customers, you are not only creating business for your company but establishing yourself as a comfort expert in your area.

An Arzel Zoning System is like no other available on the market today.

Our innovative pneumatic technology offers a simple, easy and reliable solution to the comfort challenges people face in homes every day.

Manufactured in the USA, our products come with a lifetime warranty and a 100% Comfort Guarantee, making us the best choice for retrofit or new construction applications, whether residential or light commercial.

Technical Support is available for you during regular business hours and after hours when you need it most.

**Monday - Sunday from 8 am - 9 pm EST
800-611-8312.**



A close-up photograph of a mechanical damper, likely part of an HVAC system. The damper is circular with a yellow handle in the center. The background is dark and out of focus, showing other parts of the system.

A

Air-Driven Operation

Arzel Zoning Systems feature motor-less, pneumatic or air-driven dampers, which are not only quiet but reliable too.

R

Retrofitability & Universal Compatibility

Arzel Zoning Systems will work with any standard R-W-Y-G 24-volt system and are perfect for retrofit and new construction.

Z

Zero Maintenance & 100% Comfort

Arzel Zoning systems require no maintenance and are backed by our 100% Comfort Guarantee. If your customer is unsatisfied within one year, Arzel will buy back the system!

E

Easy Installation with Less Mess

Most Arzel Zoning systems can be installed in one day with little to no inconvenience or mess to your customer's home.

L

Limited Lifetime Warranty

There is no risk in purchasing and installing. Rest easy knowing Arzel Zoning's lifetime guarantee covers you.

Basic Design: 5 Rules of Zoning

Important rules apply whether designing a residential or commercial zoning application, retrofit, or brand-new construction, which we refer to as the **5 Rules of Zoning**.

1. Get the Homeowner's Input

Ask the Homeowner about their usage patterns, such as the daytime and nighttime zones, if they have any special comfort requirements, and where their comfort problem areas are.

2. Do Load Calculations where needed

Do Load Calculations where needed. Is there enough ductwork to satisfy the load? Use block loads and consider load shift.

3. Place thermostats within zones

Pick a location for the thermostat within zones by asking yourself: What area will the thermostat measure? What does it know about anywhere else?

4. The main suite deserves a thermostat

We spend a large portion of our lives sleeping, installing a thermostat in the main suite of the house makes sense so homeowners can sleep comfortably while saving energy in the rest of the house.

5. Small Zones can be trouble

Determine the minimum zone size by the percentage of available ductwork. For PSC Blower Motors, try to limit zones to no smaller than 35% of total ductwork capacity and 25% on V-spdc/ECM Blower motors with zone weighting and minimal bypass. **Do not microzone!**

Bypass

Use the Modulating Bypass damper for variable speed systems and precise control. Use the Barometric Bypass damper with a simple weighted arm for commercial systems for 2 or 3 relatively equal zones.

View the bypass charts below for trunk and branch dampers.

Bypass Sizing Chart Trunk Dampers

| Smallest Zone CFM | Blower Tonnage | | | | | | Round Bypass Size | |
|-------------------|--------------------|-----|-----|-----|-----|----|-------------------|--|
| | 2 | 2.5 | 3 | 3.5 | 4 | 5 | | |
| 100 | 8 | 10 | 10 | 12 | 12 | 14 | | |
| 200 | 8 | 10 | 10 | 12 | 12 | 14 | | |
| 300 | * | * | 8 | 10 | 10 | 12 | | |
| 400 | N/A | * | * | 8 | 10 | 12 | | |
| 500 | N/A | N/A | * | * | 8 | 10 | | |
| 600 | N/A | N/A | N/A | * | * | 10 | | |
| 700 | N/A | N/A | N/A | N/A | * | 8 | | |
| 800 | N/A | N/A | N/A | N/A | N/A | * | | |
| 900 | N/A | N/A | N/A | N/A | N/A | * | | |
| 1000 | No Bypass Required | | | | | | | |

Bypass Sizing Chart Branch Dampers

| Smallest Zone CFM | Blower Tonnage | | | | | | Round Bypass Size | |
|-------------------|--------------------|-----|-----|-----|-----|----|-------------------|--|
| | 2 | 2.5 | 3 | 3.5 | 4 | 5 | | |
| 100 | * | 8 | 8 | 10 | 10 | 12 | | |
| 200 | * | * | 8 | 8 | 10 | 10 | | |
| 300 | N/A | N/A | * | * | 8 | 10 | | |
| 400 | N/A | N/A | N/A | * | * | 8 | | |
| 500 | N/A | N/A | N/A | N/A | * | 8 | | |
| 600 | N/A | N/A | N/A | N/A | N/A | * | | |
| 700 | No Bypass Required | | | | | | | |
| 800 | No Bypass Required | | | | | | | |
| 900 | No Bypass Required | | | | | | | |
| 1000 | No Bypass Required | | | | | | | |

*Other Bypass Sizing Considerations

Flex Duct - Down-size the bypass by one size due to increased friction loss inherent in flex duct.

Distant Zones - Duct length greater than 200 ft. may require a one size decrease due to increased friction loss.

Close Zones - Duct length less than 50 ft. may require a one size increase.

Special Purpose Zones - Usage patterns may require an increase in bypass size.

- Calculate bypass from low stage CFM tonnage when combining 2-stage split systems with HeatPumpPro or GTPro panels and using zone weight.
- Keep the bypass as small as possible.
- Bypass should be at least 8 ft. from the return drop when possible.

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Zoning Panels

Our product line is designed with you, the retrofit contractor, in mind. We pride ourselves on providing retrofit solutions for any existing application, allowing contractors to offer zoning on any job without redesigning or modifying existing ductwork.

HeatPumPro

The HeatPumPro's software-based programming offers built-in staging control. While initially designed specifically for heat pump applications, the flexibility of the software has made it possible to use it with mostly all types of HVAC systems, such as conventional furnace and A/C split systems, heat pumps with electric backup, and dual fuel systems.

| Part# | Description |
|-----------|----------------------|
| PAN-HPP02 | HeatPumPro - 2-zones |
| PAN-HPP03 | HeatPumPro - 3 zones |
| PAN-HPP04 | HeatPumPro - 4 zones |



AirBoss

The **AirBoss** is perfect for larger residences or light commercial applications and can control up to eight zones. It has the flexibility to control single or multi-stage equipment, including heat pumps.

| Part# | Description |
|--------------|---------------------------------------|
| PAN-AB002 | AirBoss - 2-zones w/ mod bypass port |
| PAN-AB003 | AirBoss - 3-zones w/ mod bypass port |
| PAN-AB004 | AirBoss - 4-zones w/ mod bypass port |
| PAN-AB006 | AirBoss - 6-zones w/ mod bypass port |
| PAN-AB008 | AirBoss - 8-zones w/ mod bypass port |
| PAN-AB002BYP | AirBoss - 2-zones w/ auto byp control |
| PAN-AB003BYP | AirBoss - 3-zones w/ auto byp control |
| PAN-AB004BYP | AirBoss - 4-zones w/ auto byp control |
| PAN-AB006BYP | AirBoss - 6-zones w/ auto byp control |
| PAN-AB008BYP | AirBoss - 8-zones w/ auto byp control |



MPS

The MPS series controls single-stage, heat/cool, high velocity, or heat pump equipment. It is ideal for both new construction and retrofit applications.

| Part# | Description |
|-------------|---------------------------------|
| PAN-00202 | 202 MPS |
| PAN-00203 | 203 MPS |
| PAN-00202MP | 202 MPS Panel w/mod bypass port |
| PAN-00203MP | 203 MPS Panel w/mod bypass port |



GTPro

The GTPro offers customizable software-based staging control while maximizing the operating efficiency of geothermal units. It provides many advanced staging parameters, including individually adjustable staging timers, backup heat lockouts based on outdoor temperature, loop temperature monitoring, supply air temperature-based staging with outdoor reset, and more.

Part#

PAN-GTP02
 PAN-GTP03
 PAN-GTP04

Description

GTPro 2-zone panel
 GTPro 3-zone panel
 GTPro 4-zone panel



Evergreen

Evergreen Zoning is the first retrofit, non-proprietary zone control system capable of controlling blower speed based upon the size of each zone. It uses HeatPumPro technology and features a highly efficient multi-speed Evergreen ECM motor. It is made to work with Evergreen motors with economical solutions and can be sold either with the motor as a kit or separately.

Part#

PAN-EHPP2
 PAN-EHPP3
 PAN-EHPP4
 EVG-1HPP2
 EVG-1HPP3
 EVG-1HPP4
 EVG-1/2HPP2
 EVG-1/2HPP3
 EVG-1/2HPP4
 MOT-EVGR1
 MOT-EVG.5

Description

Evergreen zoning panel - 2-zones
 Evergreen zoning panel - 3-zones
 Evergreen zoning panel - 4-zones
 Evergreen HPP 2 - 1 hp kit
 Evergreen HPP 3 - 1 hp kit
 Evergreen HPP 4 - 1 hp kit
 Evergreen HPP 2 - 1/2 hp kit
 Evergreen HPP 3 - 1/2 hp kit
 Evergreen HPP 4 - 1/2 hp kit
 Evergreen 1hp motor
 Evergreen 1/2 hp motor



CoolMizer Economizer

The CoolMizer is a stand-alone, add-on economizer for split-system, forced air, heating, or cooling units. It delivers ventilation air or conditioned air by selectively introducing outdoor air into any ducted heating and cooling system.

Part#

PAN-COOLM

Description

CoolMizer panel



Retrofit zoning done right.

Accessories & Specialty Panels

Alone Zone

The AloneZone limits temperature and airflow in areas that tend to over condition but do not require full control of the heating and cooling equipment.



| Part# | Description |
|-----------|-------------|
| PAN-ALONE | Alone Zone |

Interface

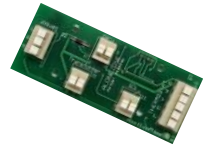
The Zone Interface Control provides an interface for applying the special Arzel dampers with proprietary zone controls such as Lennox Harmony™ and WaterFurnace Intellizone™.



| Part# | Description |
|------------|--|
| PAN-INTFAC | Zone Interface panel (Harmony, WaterFurn.) |

Smart Zone

A Smart Zone allows you to add a zone or zones to a panel where control of the equipment is not required. Unlimited Smart Zones can be added. Smart Zones cannot turn on or control the equipment.



| Part# | Description |
|------------|---|
| PAN-SSZNI | Smart Zone 1 (factory installed) |
| PAN-SLVKT | Smart Zone Zone kit (field install for MPS or AB) |
| PAN-SLVKTH | Smart Zone Zone kit (field install for HPPro) |
| PAN-SLVKTH | Smart Zone Zone kit (field install for HPPro) |

ZVI Board

The ZVI board can be factory installed in panels to combine forced air zoning and hydronic zoning allowing the use of a single thermostat in each zone.



| Part# | Description |
|-----------|----------------------------------|
| PCB-ZVIBD | Zone Valve Control circuit board |

FACT Board

The FACT System lets you decide how much fresh air to bring in and under what conditions. Use an enthalpy control, outdoor thermostat, or a timer to limit when outdoor air is brought in.



| Part# | Description |
|------------|-------------------------------------|
| PAN-FRESH | Fresh Air Control (factory install) |
| STK-FACT6 | 6" round FACT damper |
| STK-FACT8 | 8" round FACT damper |
| STK-FACT10 | 10" round FACT damper |

Universal ModuPass panel

The Universal ModuPass panel monitors static pressure and modulates a damper to maintain a maximum acceptable static pressure in the supply trunk. View ModuPass dampers on pg. 14.

| Part# | Description |
|------------|--------------------------|
| PAN-UNIPAS | Universal ModuPass panel |

Do you have a unique zoning application? We can manufacture custom panels for zoning jobs with specific airflow requirements. Contact us to discuss your next unique zoning project and get free help with system design!

Zoning Dampers

Arzel dampers are installed directly into existing ductwork, saving you time and eliminating the mess for the homeowner. The unique motor-less design makes them the quietest, most reliable in the industry. Due to the flexibility and simplicity of Arzel's damper installation, you can use branch or trunk dampers based on the application and the homeowner's lifestyle. If you don't see the size or shape that will fit your application, call your local distributor and order a custom size.

*EzySlide dampers are non-position sensitive

EzySlide - Round Dampers

The patented EzySlide dampers are Arzel's primary damper. With over 50 sizes in stock, it is easy to find the size and shape that best fits any application.

| Part# | Description |
|------------|-----------------------------|
| STK-ER0004 | 4" round damper |
| STK-ER0005 | 5" round damper |
| STK-ER0006 | 6" round damper |
| STK-ER0007 | 7" round damper |
| STK-ER0008 | 8" round damper |
| STK-ER0009 | 9" round damper |
| STK-ER0010 | 10" round damper |
| STK-ER0012 | 12" round damper |
| STK-ER0014 | 14" round damper |
| STK-ER0016 | 16" heavy-duty round damper |



Commercial Round Dampers

| Part# | Description |
|-----------|-----------------------------------|
| STK-COM12 | 12" round commercial grade damper |
| STK-COM14 | 14" round commercial grade damper |
| STK-COM16 | 16" round commercial grade damper |
| STK-COM18 | 18" round commercial grade damper |
| STK-COM20 | 20" round commercial grade damper |



Dampers Installed in Sleeves

| Part# | Description |
|------------|----------------------------|
| STK-4INST | 4" damper inst. in sleeve |
| STK-5INST | 5" damper inst. in sleeve |
| STK-6INST | 6" damper inst. in sleeve |
| STK-7INST | 7" damper inst. in sleeve |
| STK-8INST | 8" damper inst. in sleeve |
| STK-9INST | 9" damper inst. in sleeve |
| STK-10INST | 10" damper inst. in sleeve |
| STK-12INST | 12" damper inst. in sleeve |
| STK-14INST | 14" damper inst. in sleeve |

Sheet Metal Duct Sleeves

| Part# | Description |
|---------------|-----------------|
| SLEEVE-DUCT4 | Duct sleeve 4" |
| SLEEVE-DUCT5 | Duct sleeve 5" |
| SLEEVE-DUCT6 | Duct sleeve 6" |
| SLEEVE-DUCT7 | Duct sleeve 7" |
| SLEEVE-DUCT8 | Duct sleeve 8" |
| SLEEVE-DUCT9 | Duct sleeve 9" |
| SLEEVE-DUCT10 | Duct sleeve 10" |
| SLEEVE-DUCT12 | Duct sleeve 12" |
| SLEEVE-DUCT14 | Duct sleeve 14" |

EzySlide - Rectangular Dampers

The rectangular EzySlide dampers have the mounting plate and actuator mounted on either the side or bottom of the damper. If the mounting plate and actuator are on the longer dimension, the damper is referred to as a bottom-mount damper. If the mounting plate and actuator are on the shorter size, the damper is referred to as a side-mount damper.

Bottom-mount Dampers

| Part# | Description |
|--------------|--------------------------|
| STKSB-E 8x10 | 8" x 10" EzySlide BotMt |
| STKSB-E 8x12 | 8" x 12" EzySlide BotMt |
| STKSB-E 8x14 | 8" x 14" EzySlide BotMt |
| STKSB-E 8x16 | 8" x 16" EzySlide BotMt |
| STKSB-E 8x18 | 8" x 18" EzySlide BotMt |
| STKSB-E 8x20 | 8" x 20" EzySlide BotMt |
| STKSB-E 8x22 | 8" x 22" EzySlide BotMt |
| STKSB-E 8x24 | 8" x 24" EzySlide BotMt |
| STKSB-E 8x26 | 8" x 26" EzySlide BotMt |
| STKSB-E 8x28 | 8" x 28" EzySlide BotMt |
| STKSB-E 8x30 | 8" x 30" EzySlide BotMt |
| STKSB-E10X12 | 10" x 12" EzySlide BotMt |
| STKSB-E10X14 | 10" x 14" EzySlide BotMt |
| STKSB-E10X16 | 10" x 16" EzySlide BotMt |
| STKSB-E10X18 | 10" x 18" EzySlide BotMt |
| STKSB-E10X20 | 10" x 20" EzySlide BotMt |
| STKSB-E10X22 | 10" x 22" EzySlide BotMt |
| STKSB-E10X24 | 10" x 24" EzySlide BotMt |
| STKSB-E10X26 | 10" x 26" EzySlide BotMt |
| STKSB-E10X28 | 10" x 28" EzySlide BotMt |
| STKSB-E10X30 | 10" x 30" EzySlide BotMt |
| STKSB-E12X14 | 12" x 14" EzySlide BotMt |
| STKSB-E12X16 | 12" x 16" EzySlide BotMt |
| STKSB-E12X18 | 12" x 18" EzySlide BotMt |
| STKSB-E12X20 | 12" x 20" EzySlide BotMt |
| STKSB-E12X22 | 12" x 22" EzySlide BotMt |
| STKSB-E12X24 | 12" x 24" EzySlide BotMt |
| STKSB-E12X26 | 12" x 26" EzySlide BotMt |
| STKSB-E12X28 | 12" x 28" EzySlide BotMt |
| STKSB-E12X30 | 12" x 30" EzySlide BotMt |



Side-mount Dampers

| Part# | Description |
|---------------|--------------------------|
| STKSS-E 6x6 | 6" x 6" EzySlide SidMt |
| STKSS-E 8x8 | 8" x 8" EzySlide SidMt |
| STKSS-E 8x10 | 8" x 10" EzySlide SidMt |
| STKSS-E 8x12 | 8" x 12" EzySlide SidMt |
| STKSS-E 8x14 | 8" x 14" EzySlide SidMt |
| STKSS-E 8x16 | 8" x 16" EzySlide SidMt |
| STKSS-E 8x18 | 8" x 18" EzySlide SidMt |
| STKSS-E 8x20 | 8" x 20" EzySlide SidMt |
| STKSS-E 10x10 | 10" x 10" EzySlide SidMt |
| STKSS-E 10x12 | 10" x 12" EzySlide SidMt |
| STKSS-E 10x14 | 10" x 14" EzySlide SidMt |
| STKSS-E 10x16 | 10" x 16" EzySlide SidMt |
| STKSS-E 10x18 | 10" x 18" EzySlide SidMt |
| STKSS-E 10x20 | 10" x 20" EzySlide SidMt |
| STKSS-E 12x12 | 12" x 12" EzySlide SidMt |
| STKSS-E 12x14 | 12" x 14" EzySlide SidMt |
| STKSS-E 12x16 | 12" x 16" EzySlide SidMt |
| STKSS-E 12x18 | 12" x 18" EzySlide SidMt |
| STKSS-E 12x20 | 12" x 20" EzySlide SidMt |

Balancing Dampers - Round

The Balance Pro damper provides the opportunity to balance airflow in existing systems based upon the load calculation and measurements performed at each register or diffuser.

| Part# | Description |
|------------|----------------|
| STK-BALR5 | 5" BalancePro |
| STK-BALR6 | 6" BalancePro |
| STK-BALR7 | 7" BalancePro |
| STK-BALR8 | 8" BalancePro |
| STK-BALR9 | 9" BalancePro |
| STK-BALR10 | 10" BalancePro |
| STK-BALR12 | 12" BalancePro |



Balancing Dampers - Rectangular

The Balance Pro damper provides the opportunity to balance airflow in existing systems based upon load calculations and measurements performed at each register or diffuser.

| Part# | Description |
|------------|-----------------------|
| STK-BLS08 | 8" x 8" Balance Pro |
| STK-BLS10 | 10" x 10" Balance Pro |
| STK-BLS12 | 12" x 12" Balance Pro |
| STK-BLS810 | 8" x 10" Balance Pro |
| STK-BLS812 | 8" x 12" Balance Pro |
| STK-BLS814 | 8" x 14" Balance Pro |



Register Dampers

The Regi-Damper is the answer when there is limited access and non-metallic, installing directly in the register boot behind the register.

| Part# | Description |
|----------|---------------------|
| REG-2x10 | RegiDamper 2" x 10" |
| REG-2x12 | RegiDamper 2" x 12" |
| REG-3x10 | RegiDamper 3" x 10" |
| REG-3x12 | RegiDamper 3" x 12" |
| REG-4x10 | RegiDamper 4" x 10" |
| REG-4x12 | RegiDamper 4" x 12" |
| REG-6x10 | RegiDamper 6" x 10" |
| REG-6x12 | RegiDamper 6" x 12" |



EzyFit - Concealed Retrofit Dampers

The EzyFit Dampers are versatile; slipping through the register boot, a strong magnet holds it securely in the metallic round pipe for zoning partly and mostly finished basements.

| Part# | Description |
|-----------|---|
| STK-EZFT5 | 5" Ezy-Fit retrofit boot-loading damper |
| STK-EZFT6 | 6" Ezy-Fit retrofit boot-loading damper |
| STK-EZFT7 | 7" Ezy-Fit retrofit boot-loading damper |



Inserta - Take-Off/Underground Dampers

The Inserta Damper features a spring-loaded belly band that holds it firmly in any type of round duct. This makes it a good fit for applications where the main trunk is accessible, but the take-off runs are not, or in rigid non-metallic ducting.

| Part# | Description |
|---------|-------------------|
| INSRT-5 | 5" Inserta Damper |
| INSRT-6 | 6" Inserta Damper |
| INSRT-7 | 7" Inserta Damper |
| INSRT-8 | 8" Inserta Damper |



Oval Dampers

The Oval Dampers have all of the convenience of the EzySlide for all of your space-saving duct applications. We provide standard sizes through your local distributor.

| Part# | Description |
|-------------|----------------------|
| STKO-ER0006 | 6" Oval stack Damper |
| STKO-ER0007 | 7" Oval stack Damper |
| STKO-ER0008 | 8" Oval stack Damper |



ModuPass Bypass

The ModuPass system works with variable speed motors, constantly monitors the trunk's static pressure, and adjusts to allow the prescribed amount of bypass air.

| Part# | Description |
|-----------|---------------------------|
| MOD-BYP08 | 8" Modulating Bypass Kit |
| MOD-BYP10 | 10" Modulating Bypass Kit |
| MOD-BYP12 | 12" Modulating Bypass Kit |
| MOD-BYP14 | 14" Modulating Bypass Kit |

Modulating Dampers

| Part# | Description |
|------------|-------------------------------------|
| MOD-DMP06 | 6" Modulating damper (damper only) |
| MOD-DMP08 | 8" Modulating damper (damper only) |
| MOD-DMP010 | 10" Modulating damper (damper only) |
| MOD-DMP012 | 12" Modulating damper (damper only) |
| MOD-DMP014 | 14" Modulating damper (damper only) |
| MOD-FDKIT | ModuPass kit (field install) |
| BYP-00KIT | Auto Bypass kit (field install) |



Barometric Bypass

For simple bypass applications with PSC blowers, Arzel offers barometric bypass dampers in many standard sizes.

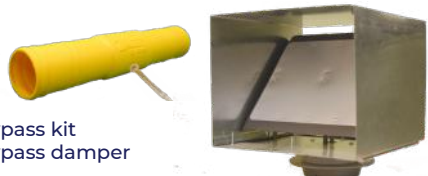
| Part# | Description |
|-----------|-----------------------------|
| SPD-R0008 | Barometric damper 8" round |
| SPD-R0010 | Barometric damper 10" round |
| SPD-R0012 | Barometric damper 12" round |
| SPD-R0014 | Barometric damper 14" round |
| SPD-R0016 | Barometric damper 16" round |
| SPD-S0812 | Barometric damper 12" x 8" |
| SPD-S0820 | Barometric damper 20" x 8" |
| SPD-S1210 | Barometric damper 12" x 10" |
| SPD-S1212 | Barometric damper 12" x 12" |
| SPD-S2010 | Barometric damper 20" x 10" |
| SPD-S2012 | Barometric damper 20" x 12" |



High Velocity

With our Zonocity damper, you are now able to zone small-duct, high-velocity applications. Trunk dampers and bypass dampers are also available for SDHV applications.

| Part# | Description |
|------------|--|
| SLV-65INST | 6.5" sq. damper in sleeve |
| SLV-85INST | 8.5" sq. damper in sleeve |
| SLV-95INST | 9.5" sq. damper in sleeve |
| STK-HYV02 | 2" high velocity damper |
| MOD-HYP06 | 6" rd. high velocity mod bypass kit |
| MOD-DMP06 | 6" rd. high velocity mod bypass damper |



Accessories

Tubing

Color-coded tubing is available for easy zone identification. We also offer Plenum-rated UC fire and smoke-rated tubing for use in warm air ducts. PVC tubing available in 200ft, Plenum available in 250ft.



| Part# | Description | Part# | Description |
|------------|----------------------------|-------------|---------------|
| PVC-BLUE | Black PVC w/ blue stripe | PLEN-BLUE | Plenum blue |
| PVC-GREEN | Black PVC w/ green stripe | PLEN-GREEN | Plenum green |
| PVC-ORANGE | Black PVC w/ orange stripe | PLEN-ORANGE | Plenum orange |
| PVC-PINK | Black PVC w/ pink stripe | PLEN-PINK | Plenum pink |
| PVC-PURPLE | Black PVC w/ purple stripe | PLEN-PURPLE | Plenum purple |
| PVC-RED | Black PVC w/ red stripe | PLEN-RED | Plenum red |
| PVC-WHITE | Black PVC w/ white stripe | PLEN-WHITE | Plenum white |
| PVC-YELLOW | Black PVC w/ yellow stripe | PLEN-YELLOW | Plenum yellow |

Fittings



| Part# | Description |
|-----------|----------------------------------|
| FIT-TC025 | Black Coupling 4mm Barb. QTY. 25 |
| FIT-TE025 | Black Elbow 4mm Barb. QTY. 25 |
| FIT-TP025 | Black Plug 4mm Barb. QTY. 25 |
| FIT-TT025 | Black Tee 4mm Barb. QTY. 25 |

Tools

All the fittings and tools needed to install an Arzel Zoning system are included in the Tool Kit - Tubing stapler, airflow indicator, ductfinder, EzyHub, connector tees-elbows-plugs, and proper length sheet metal screws.

| Part# | Description |
|--------------|------------------------------|
| EZYHUB | Air Distribution reservoir |
| TOOL-AIRFLOW | Airflow indicator |
| DUCTFINDER | Duct Finder |
| TOOL-GUN | Stapler |
| TOOL-STPLS | Staples |
| TOOL-RPKIT | Spare Parts Kit |
| TOOL-KIT | Tool kit |
| TOOL-SNKIT | 90-degree right & left snips |



Replacement Parts

Control Boards

| Part# | Description |
|--------------|----------------------------------|
| PCB-00202 | 202 MPS Circuit board |
| PCB-00203 | 203 MPS Circuit board |
| PCB-02002 | AirBoss 2-zone circuit board |
| PCB-02003 | AirBoss 3-zone circuit board |
| PCB-02004 | AirBoss 4-zone circuit board |
| PCB-02006 | AirBoss 6-zone circuit board |
| PCB-02008 | AirBoss 8-zone circuit board |
| PCB-HPP02 | HeatPumPro 2-zone circuit board |
| PCB-HPP03 | HeatPumPro 3-zone circuit board |
| PCB-HPP04 | HeatPumPro 4-zone circuit board |
| PCB-COOLM | CoolMizer circuit board |
| PCB-GTP02 | GTPro 2-zone circuit board |
| PCB-GTP03 | GTPro 3-zone circuit board |
| PCB-GTP04 | GTPro 4-zone circuit board |
| PCB-FACT | Fresh air control circuit board |
| PCB-SSZNG | Smart circuit board |
| PCB-ZVIBD | Zone Valve Control circuit board |



Pump and Sensors

| Part# | Description |
|--------------|--|
| SEN-UPS12 | LAT sensor (AirBoss) |
| SENS-RESPRO | LAT / OAT / LOOP sensor (HeatPumPro, GTPro) |
| SENS-COOLM | CoolMizer sensor |
| PMP-PUMP1 | Pump pressure/vacuum assy |
| PAN-SOLO4 | 24 vdc solenoid valve (MPS, AB 2-4) |
| PAN-SOLO5 | 24 vdc solenoid valve (HPP, GTP, CM, AB 6-8) |
| BYP-SWICH | Pressure switch (automatic bypass) |



Transformers

| Part# | Description |
|--------------|--|
| TRANS-40VARS | 24VAC 40VA resettable transformer (2-4 zone) |
| TRANS-100VA | 24VAC 100VA transformer (6-8 zone) |
| MOD-BYPAS | Modulating bypass transmitter kit |
| PAN-FUSE2 | MPS panel fuse (2amp) Qty. 5 |



Training



Arzel's **Comfort College** course involves a careful examination of zoning as a tool to HVAC contractors for solving too hot and too cold problems in residential or light commercial new construction and retrofit applications. An emphasis is placed on retrofit applications as it is the focal marketplace for Arzel's product line.

Comfort College is held twice in the spring and twice in the fall and designed as a lecture-lab course in which topics are presented by the instructors and examined in lab exercises. Upon completion of the course, students will have the technical knowledge and an understanding of the market opportunity necessary to include zoning into their business offerings.

The educational class has been offered since the fall of 2006 and has graduated over 800 contractors, distributors, and other HVAC professionals. The course educates on zoning opportunity recognition, product familiarization, system design, and proper installation techniques. Seminar instructors have over 65 years of combined experience in the HVAC industry and are specialists in zoning. Instructors are also available after course completion for further mentoring on zoning applications. **Comfort College** is a NATE-recognized course with 10 hours of credits available for air installation and distribution recertification. The course also offers continuing education credits for Ohio license holders, and Arzel is in the process of adding other state licensing opportunities to serve its national student base better.

Comfort College is also available in virtual and remote formats. Classes range from 1 hour - 3 hour long classes with topics from our full-day **Comfort College**. Talk to your local Arzel distributor for in-person opportunities in your area.

Webinars are available free of cost on various topics starting from recognizing zoning opportunities to the setup of the HeatPumPro.

Visit www.arzelzoning.com to learn more and sign up for any of the above training opportunities.

Resources

Contractor Portal

Sign up for our Contractor portal and get access to download technical manuals, charts and guides, spec and sales sheets, marketing literature, and view installation and troubleshooting videos.

Go to www.arzelzoning.com and click on Contractor Signup!

Marketing

Order customer literature such as the homeowner comfort brochure to leave behind with your customer by emailing marketing@arzelzoning.com.

Customize the blank field with your companies contact information!

| | | |
|---|---|---|
| <p>What is Zoning?</p> <p>Zoning is the controlled delivery of heating and cooling to different areas (zones) to provide comfortable temperatures throughout the home.</p> <p>A zone could be a single room, a group of rooms, or even individual floors within a house or building. Arzel's zoning systems work seamlessly with most HVAC equipment.</p> <p>Whether building a dream house or making a current house a dream home, Arzel Zoning systems are made for homeowners looking to get comfortable forever with ductwork they already have in place.</p> <p>No messes, no noise, no maintenance. No modifications, compared to other solutions!</p> <p>Just invisible, quiet, forever comfort, customized to the Homeowners needs and preferences for each of the zones.</p> <p>Ask your contractor for more details today!</p> | <p><i>Innovative Solutions. Made Simple and Reliable.</i></p>  | <p>What are the benefits of Zoning?</p> <p>Comfort  No more fighting over the thermostat! Depending on the homeowners preference, multiple zones can be involved. Ask about our 100% SATISFACTION GUARANTEE!</p> <p>Energy Savings  Arzel Zoning helps homeowners save energy. </p> |
|  | <p>Why Arzel Zoning?</p> <p>For almost 40 years, Arzel® has been manufacturing and distributing the highest quality HVAC zoning equipment from our factory in Cleveland, Ohio.</p> <p>Our products offer superior quality and reliability, ease of installation and the Industries ONLY Lifetime warranty.</p> <p>100% Comfort Guarantee</p> <p>If the homeowner is unsatisfied within one year with their Arzel zoning system, WE WILL BUY IT BACK!</p> |  |
| | <p>Easy Install</p> <p>Arzel Zoning systems can be installed in one day with little to no inconvenience/mess.</p> <p>Universal Compatibility</p> <p>Arzel zoning systems work with any standard 24-volt thermostat, and our custom-fit dampers accommodate most duct work sizes and configurations.</p> <p>Quieter, Air-Driven Operation</p> <p>Arzel zoning systems feature motor-less, pneumatic dampers, which are quiet, safe, and long-lasting.</p> | <p>Let us help you solve your comfort issues, all while saving energy and money!</p> <p>Contact your local Arzel Zoning Contractor today!</p> |
| | |  |
| | | <p>Turning houses into <i>forever</i> homes.</p> |

Did you know?

We have a website for your customers!

Add www.arzelcomfort.com to your website for new potential customers to learn how an Arzel Zoning System can help them achieve comfort forever.

Warranty

Since 2013, all Arzel Zoning Systems, if registered within 90 days of installation, are covered by a Limited Lifetime Warranty.

Scan the **QR Code** below to learn more or register your Arzel Zoning System for the Limited Lifetime Warranty.



Technical Support

Contact Arzel Zoning Tech Support Monday through Friday from **8 am EST - 5 pm EST** with any technical questions or issues.

Have questions after hours?
Between **5 pm EST - 9 pm EST**, Arzel offers after hours technical support.

Call 800-611-8312 or email techsupport@arzelzoning.com!





4801 Commerce Parkway
Cleveland, Ohio 44128
Phone: 216-831-6068
FAX: 216-831-6074

Email: sales@arzelzoning.com

Tech Support: 800-611-8312

www.arzelzoning.com

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