



# ATTIC VENTILATION SYSTEMS

PRODUCT APPLICATION GUIDE

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## Innovative Attic Ventilation Solutions

Today's highly informed consumers are looking for ways to save energy and create cleaner, greener living spaces. While modern homes are better insulated than ever, improper attic insulation practices can quickly cancel the benefits of energy-efficient designs through problems such as wind washing, moisture buildup, and insulation drift. Brentwood's AccuVent® and AccuBlock® systems are quick, inexpensive solutions that architects, builders, and renovators can provide to ensure proper insulation performance for better energy efficiency and indoor air quality.

Both AccuVent and AccuBlock create a soffit boundary that prevents air and moisture from interfering with the home's insulation blanket at the eaves where it is most vulnerable. Manufactured from 100 percent recycled, flame-retardant PVC, these products can be used with any roof pitch or truss size, offering a flexible solution. AccuVent and AccuBlock conform to LEED®, ENERGY STAR®, and EPA Indoor airPLUS recommended best practices and provide the balanced, energy-efficient ventilation benefits that homeowners expect from a quality home.



# Products

## ACCU VENT®

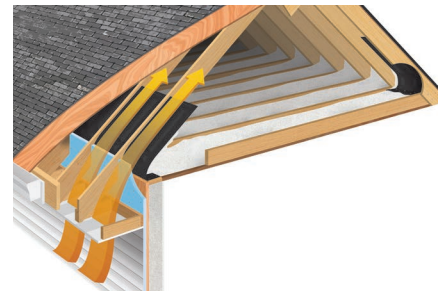
As the most versatile of the AccuVent® products, the Original AccuVent system was designed to effectively enclose the attic space at its most vulnerable point—the space at the top plate of the exterior walls—while still allowing ample air circulation. By combining healthy airflow and full insulation coverage, the system works to improve home energy efficiency and extend the lifetime of the roof.

### ORIGINAL



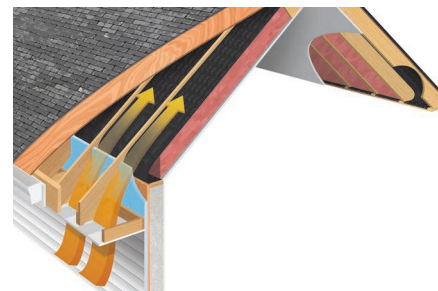
### How It Works

Air enters through the soffit vent and is conducted along the roof sheathing above the insulation blanket. AccuVent allows insulation to be packed out over the top plate and air to circulate freely throughout the attic. Not only is the soffit free from drifting insulation, but the efficient flow of air eliminates condensation, preventing unhealthy mold and costly ice dams.



### HIGH ENERGY

Designed for high-R-value roof applications, this system allows for thicker insulation in roofs with raised-heel trusses that are designed to increase energy efficiency.



### CATHEDRAL

To create channels for air circulation, this system includes starter strips for each rafter opening as well as extensions that lengthen the ventilation path to the ridge vent. This system is also preferred for spray foam insulation in any roof application.

# ACCUBLOCK<sup>®</sup>

Designed for unventilated attic spaces, AccuBlock<sup>®</sup> provides a superior seal between the top plate and sheathing where attic insulation is most vulnerable. AccuBlock preserves the insulation blanket, preventing moisture intrusion and wind washing, and allows thicker application at the eaves for maximum energy efficiency. Unaffected by the chemical and thermal properties of spray foam insulation, AccuBlock is an ideal substrate for new projects.

## ORIGINAL



## How It Works

AccuBlock seamlessly connects the roof sheathing and top plate to protect insulation from moisture and air intrusion at the eaves. Specifically designed for spray foam applications, AccuBlock is impervious to the chemical and thermal characteristics of foam and will not distort as the foam expands to its full dimensions. Foam and cardboard baffles cannot offer this type of performance.



## CATHEDRAL

For unvented attics, cutting edge spray foam contractors are increasing their installation speed and efficiency by using AccuBlock as a spray template instead of creating a time-consuming "soft wall" from the top plate to the roof sheathing.

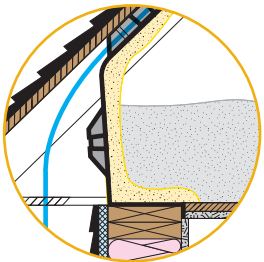
# Applications

## VENTED TRADITIONAL ATTIC

Brentwood's AccuVent® system is designed for all ventilated attic applications in new and older homes. It channels air from soffit vents along the roof sheathing to provide ample ventilation while preserving insulation coverage throughout the attic space. AccuVent allows superior insulation coverage in the eaves while preserving soffit vent openings. It is available in High Energy and Cathedral Ceiling configurations to adapt to any vented attic application.

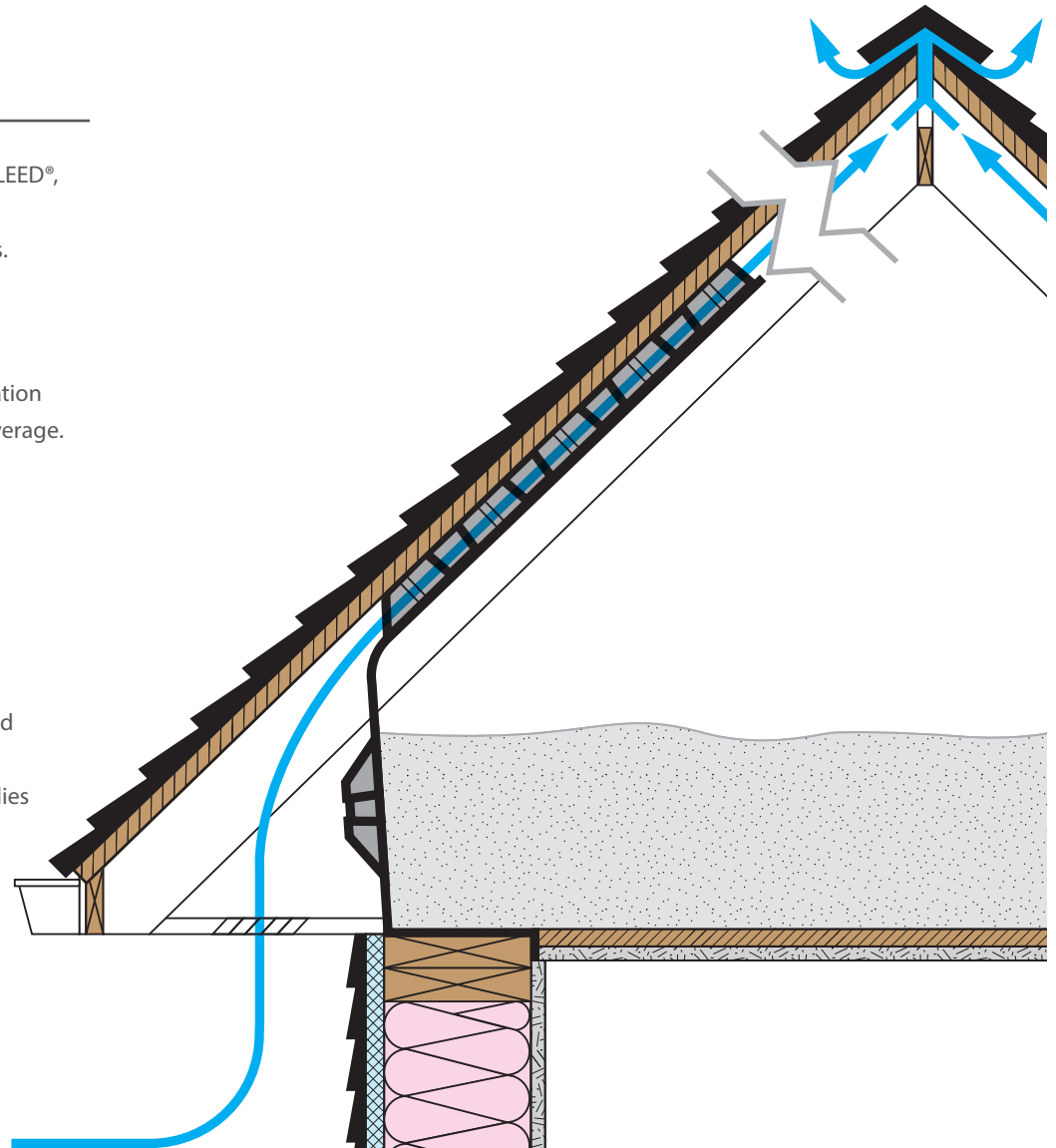
### Benefits of AccuVent

- ✓ Provides efficient airflow.
- ✓ Installs quickly and easily with just a few staples.
- ✓ Flexibly designed to fit between roof rafters and trusses.
- ✓ Made of 100 percent recycled, flame-retardant PVC.
- ✓ Accommodates glass, cellulose, and spray foam insulation.
- ✓ Conforms to ENERGY STAR®, LEED®, and EPA Indoor airPLUS recommended best practices.
- ✓ Prevents insulation drift, ice damming, and mold growth.
- ✓ Creates a boundary for insulation allowing for full top plate coverage.



### HYBRID APPLICATION

Many architects and builders are now specifying a hybrid venting application that includes insulation, AccuVent, and spray foam. In these applications, the insulator applies spray foam to one vent edge, sealing the baffle. Next, a layer of batting or cellulose is applied. The seal allows heavier insulation loading along the eaves.

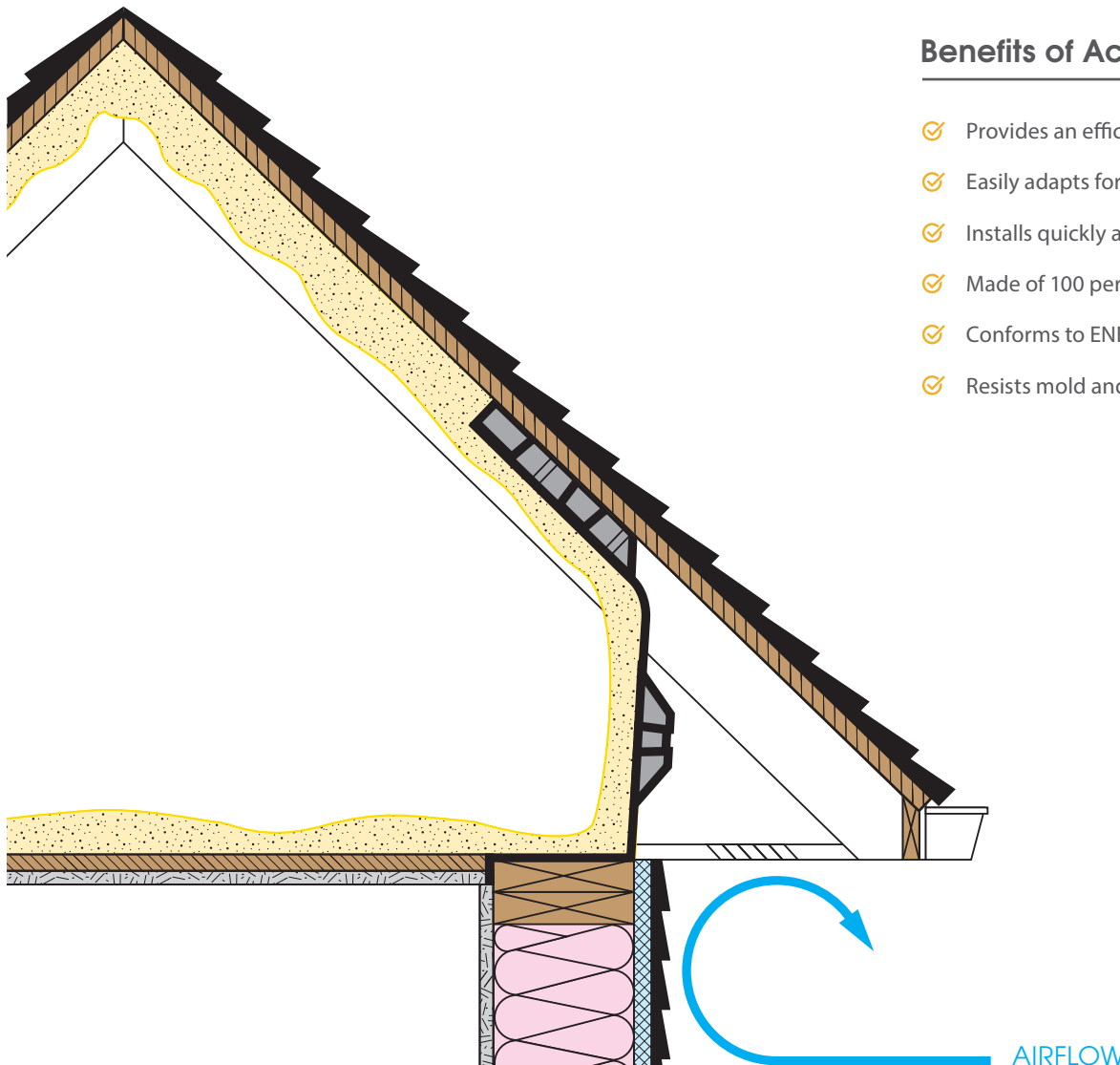


## UNVENTED TRADITIONAL ATTIC

Designed specifically for spray foam applications in unventilated attics, AccuBlock® is the preferred choice for insulation contractors looking to create a clean, tight soffit edge for superior insulation performance. AccuBlock seamlessly connects the top plate to the roof sheathing, eliminating the need to create a time-consuming “soft wall.” It is an ideal substrate for new projects, providing a secure block against moisture and wind.

### Benefits of AccuBlock

- ✓ Provides an efficient spray template at the top plate.
- ✓ Easily adapts for ventilated attic requirements.
- ✓ Installs quickly and easily with just a few staples.
- ✓ Made of 100 percent recycled, flame-retardant PVC.
- ✓ Conforms to ENERGY STAR®, LEED®, and EPA Indoor airPLUS recommended best practices.
- ✓ Resists mold and mildew growth.



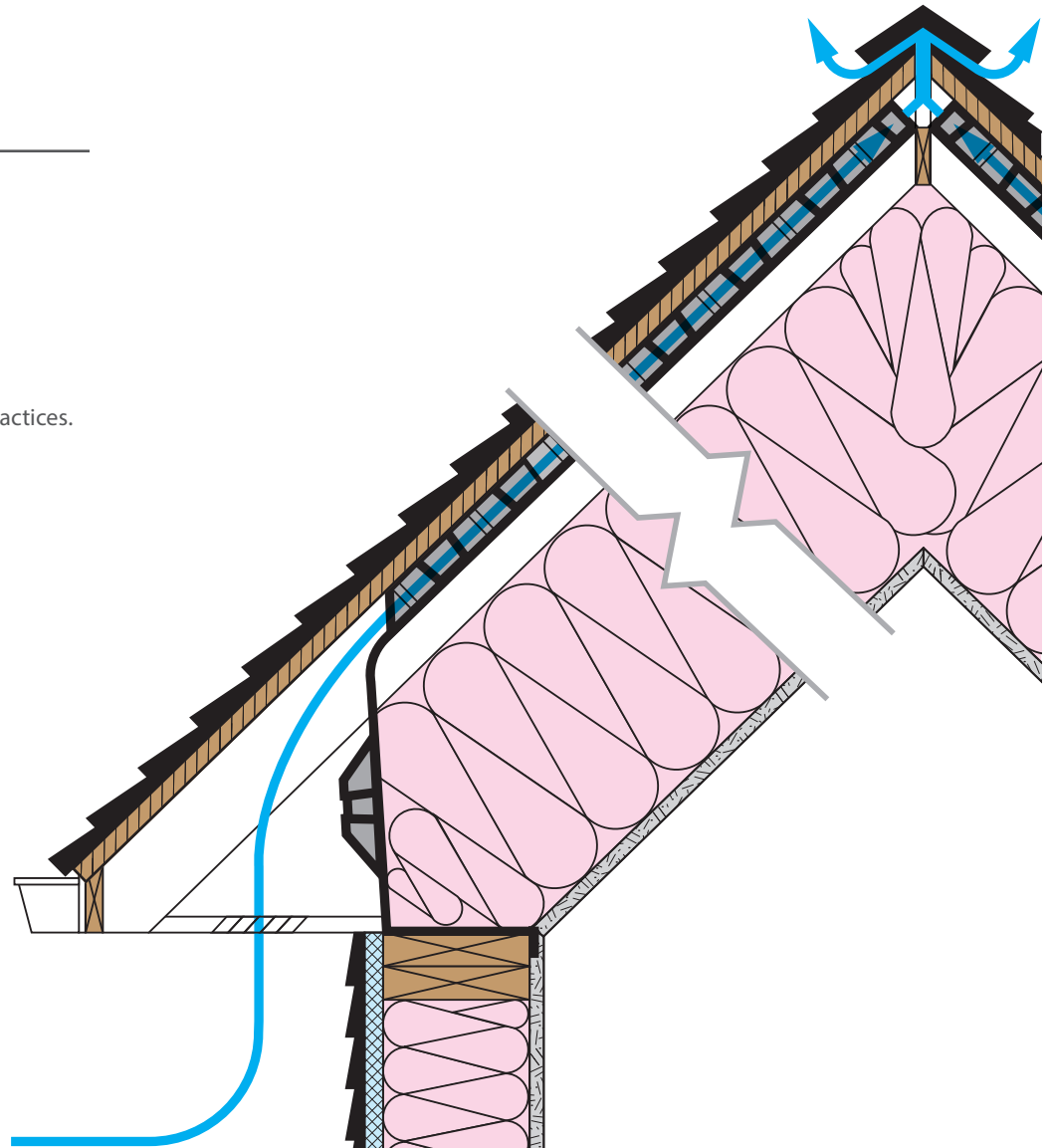
# Applications

## VENTED CATHEDRAL CEILING

Cathedral ceilings present special insulation challenges. When incorrectly designed, they are prone to rot and substantial heat loss. AccuVent® Cathedral Ceiling vents solve these problems by creating channels for air circulation, ensuring continuous air washing under the roof while sealing off the insulation blanket. AccuVent includes starter strips for each rafter opening as well as extensions that lengthen the ventilation path to the ridge vent. This system is also preferred for spray foam insulation in any roof application.

### Benefits of AccuVent

- ✓ Provides efficient airflow.
- ✓ Installs quickly and easily with just a few staples.
- ✓ Flexibly designed to fit between roof rafters and trusses.
- ✓ Made of 100 percent recycled, flame-retardant PVC.
- ✓ Conforms to ENERGY STAR®, LEED®, and EPA Indoor airPLUS recommended best practices.
- ✓ Prevents insulation drift, ice damming, and mold growth.
- ✓ Accommodates glass, cellulose, and spray foam insulation.
- ✓ Creates a boundary for insulation allowing for full top plate coverage.



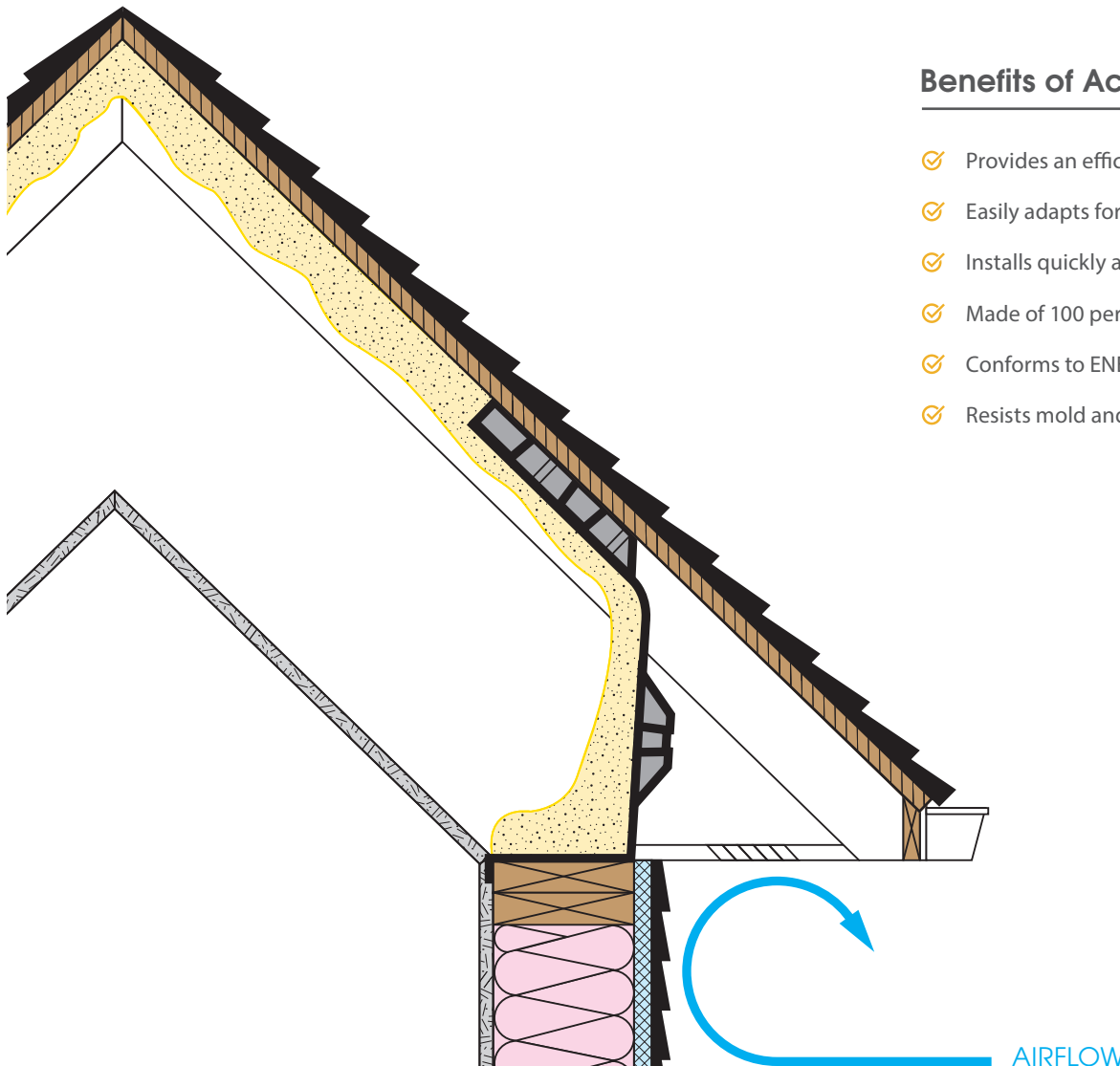


## UNVENTED CATHEDRAL CEILING

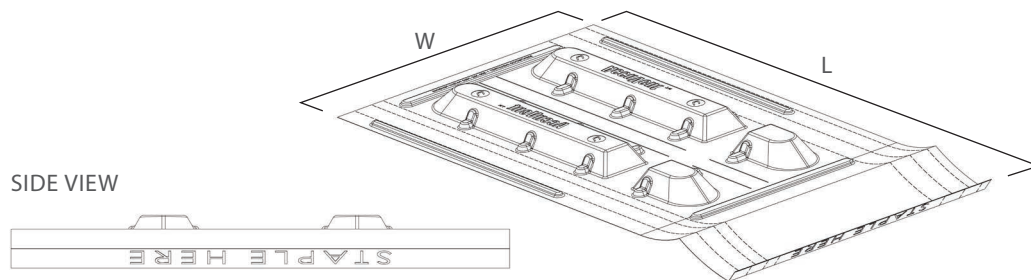
Spray foam is the insulation of choice for unvented cathedral ceilings because of its superior resistance to moisture and wind. AccuBlock® is designed for use with spray foam in unventilated cathedral ceiling applications, seamlessly connecting the top plate and the roof sheathing. Unaffected by the chemical and thermal properties of spray foam, AccuBlock creates a sound insulation envelope within the ceiling space. Combining AccuBlock with spray foam allows the maximum insulation value in cathedral ceiling applications.

### Benefits of AccuBlock

- ✓ Provides an efficient spray template at the top plate.
- ✓ Easily adapts for ventilated attic requirements.
- ✓ Installs quickly and easily with just a few staples.
- ✓ Made of 100 percent recycled, flame-retardant PVC.
- ✓ Conforms to ENERGY STAR®, LEED®, and EPA Indoor airPLUS recommended best practices.
- ✓ Resists mold and mildew growth.



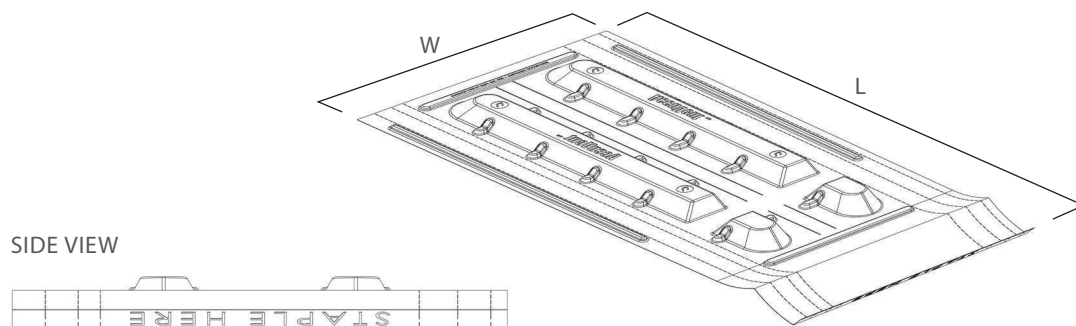
# AccuVent® Specifications



## ORIGINAL ACCUVENT

Part # ACBP11739  
Attic Vent 22.5"W x 41"L - **(24" OC)**  
Airflow 25.7 sq/in

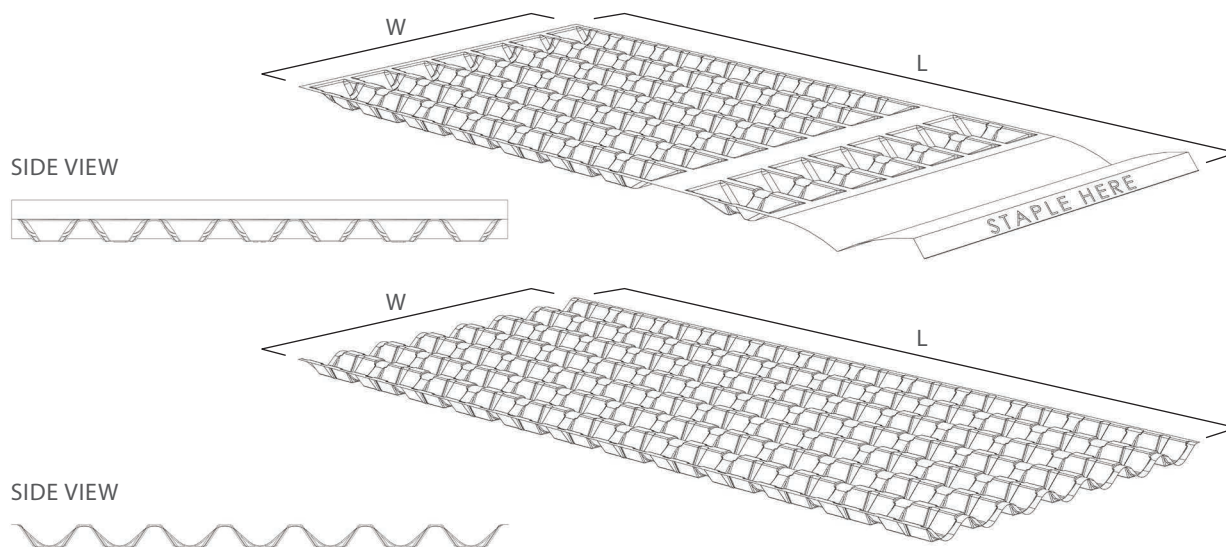
Part # ACBP11754  
Attic Vent 14.5"W x 41"L - **(16" OC)**  
Airflow 15.5 sq/in



## HIGH ENERGY ACCUVENT

Part # ACBP18415  
Extreme Attic Vent 22.5"W x 50"L - **(24" OC)**  
Airflow 25.7 sq/in

Part # ACBP18429  
Extreme Attic Vent 14.5"W x 50"L - **(16" OC)**  
Airflow 15.5 sq/in



## ACCUVENT CATHEDRAL CEILING

Part # ACBP18426  
Cathedral Starter Strip 14.5"W x 48"L - **(16" OC)**  
Airflow 13.1 sq/in

Part # ACBP18446  
Cathedral Starter Strip 22.5"W x 48"L - **(24" OC)**  
Airflow 20.3 sq/in

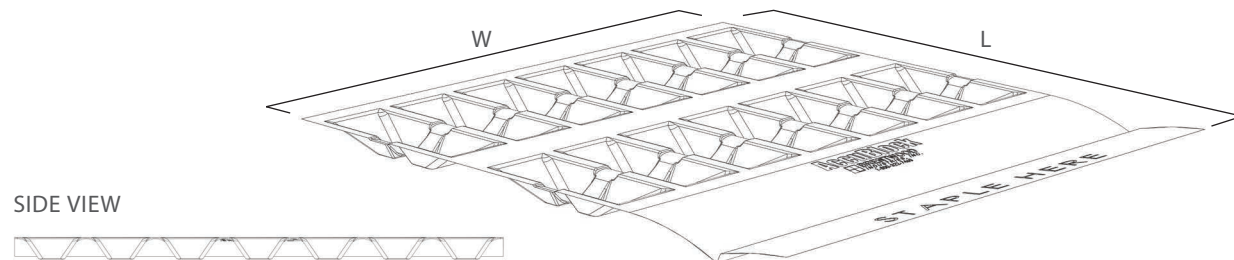
Part # ACBP18425  
Cathedral Extension 15"W x 48"L - **(16" OC)**  
Airflow 13.1 sq/in

Part # ACBP18445  
Cathedral Extension 22.5"W x 48"L - **(24" OC)**  
Airflow 20.3 sq/in

# AccuBlock® Specifications

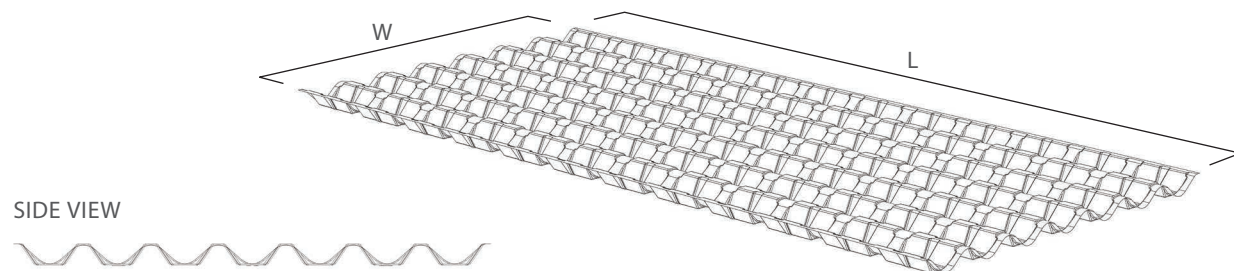
## 22.5" ACCUBLOCK

Part # ACP18601  
AccuBlock 22.5"W x 24.5"L - **(24" OC)**



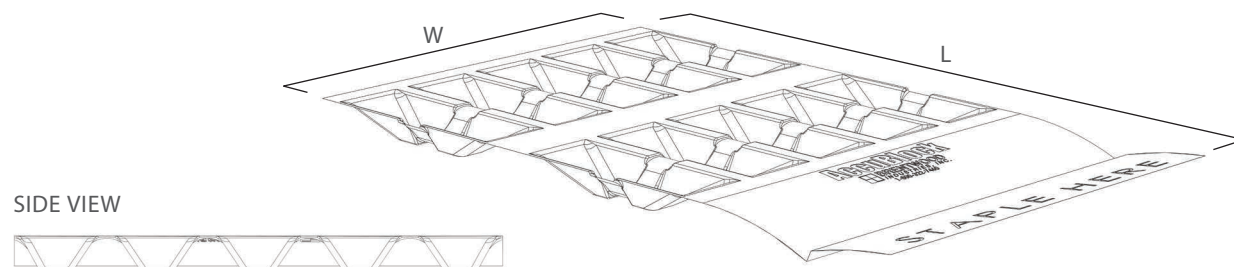
## 22.5" ACCUBLOCK EXTENSION

Part # ACP18445  
Cathedral Extension 22.5"W x 48"L - **(24" OC)**



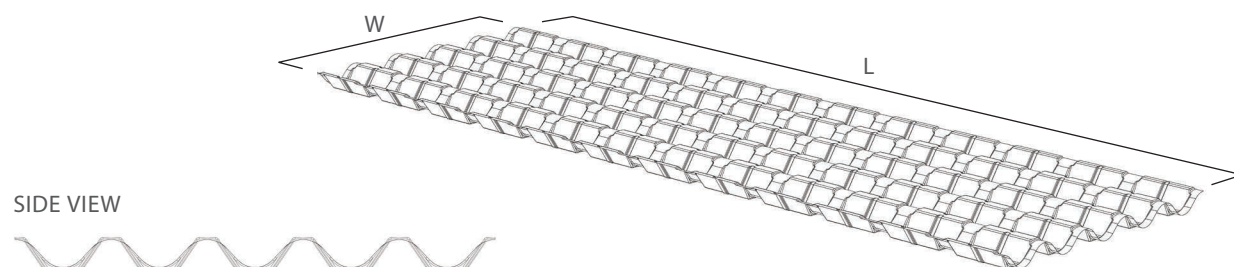
## 14.5" ACCUBLOCK STARTER

Part # ACP18600  
AccuBlock 14.5"W x 24.5"L - **(16" OC)**



## 14.5" ACCUBLOCK EXTENSION

Part # ACP18425  
Cathedral Extension 15"W x 48"L - **(16" OC)**



### ACCUVENT AND ACCUBLOCK MATERIAL

Active Standard: ASTM D1784-06a  
Rigid Polyvinyl Chloride | Self-Extinguishing





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