

# GreenGuard<sup>®</sup>

## Attic Rafter Vent

For use in attic construction to permit air flow from soffits past blown-in and batt insulation



- Prevents insulation from blocking the air-flow from soffit vent to attic
- Allows continued air-flow to keep attic cooler in hot weather
- Helps optimize performance of attic insulation by minimizing wind washing
- Helps reduce moisture condensation in attic during cold weather
- Protects air passage from soffit to attic space
- Flex and Straight Vent design options

# GreenGuard® Attic Rafter Vent

## Description

Kingspan GreenGuard® Attic Rafter Vents comprise closed-cell extruded polystyrene (XPS) that is thermoformed to a shape that, when installed between roof rafters, allows air to flow from the soffit to the attic space. Kingspan GreenGuard® Attic Rafter Vents allow continued air-flow to keep attics cooler in hot weather and help reduce moisture condensation in the attic during cold weather. Kingspan GreenGuard® Attic Rafter Vents help optimize performance of attic insulation by minimizing wind washing, prevent blown insulation from blocking the air-flow, keep the space between soffit vents and attic space open during construction and maintain air channels over time.

Kingspan GreenGuard® Attic Rafter Vents are available in Flex Vent and Straight Vent design for use in 16 inch or 24 inch rafter spaces.



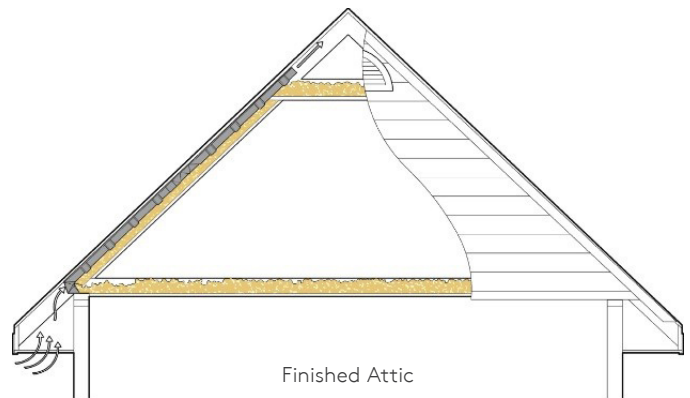
Flex Vent

Straight Vent

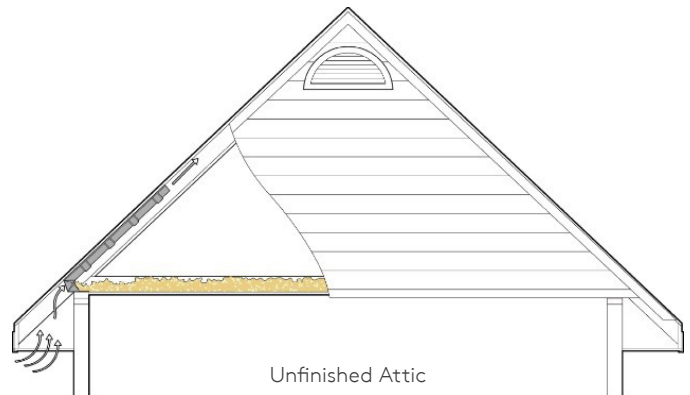
## Installation

Kingspan GreenGuard® Attic Rafter Vents are designed to be installed between rafters to prevent clogging of the air-path from soffits to the attic when insulation is installed. Available to fit both 16 inch and 24 inch rafter centers, they have a special design for easy attachment to the wall plate.

For finished attics, vents can be attached behind the insulated area to create a backer for insulation and a channel for air movement through to the top venting area. Insert first vent between rafters and staple to top plate. Add subsequent vent(s) to extend beyond ceiling joints of finished section. Attach to rafter or underside of roof deck with staples.



Finished Attic



Unfinished Attic

# GreenGuard<sup>®</sup>

## Attic Rafter Vent

### Handling & Storage

When stored outdoors, all product should be protected from exposure to direct sunlight using the original packaging or an opaque, light-colored tarp. Material that has been unwrapped should be covered or rewrapped.

**WARNING:** This product is combustible. A protective barrier or thermal barrier is required as specified in the appropriate building code. Protect it from exposure to open flame or other ignition sources during shipping, storage and installation.

### Health & Safety

Kingspan GreenGuard<sup>®</sup> Attic Rafter Vents are made of synthetic materials that are generally recognized as not providing a food source for insects, fungus, mold, or mildew. It should always be properly installed and stored.

### Shipping & Delivery

Kingspan GreenGuard<sup>®</sup> Attic Rafter Vents come on 4' x 4' pallets. The minimum order quantity is one pallet - 1,400 Flex Vents or 1,600 Straight Vents. Attic Rafter Vents can be combined with other Kingspan Insulation products such as XPS Insulation Boards or Building Wrap products and accessories. Attic Rafter Vents are shipped via van.

Packaging		
	Kingspan GreenGuard <sup>®</sup> Flex Vent	Kingspan GreenGuard <sup>®</sup> Straight Vent
Vents / Pack	50	50
Packs / 4 x 4 Pallet	28	32
Vents / Pallet	1,400	1,600
Pallets / Truckload	24	24
Vents / Truckload	33,600	38,400

Product Data		
Property	Test Method	Value
General		
Nominal Thickness (in)		0.085
Dimensions (in)		22.5 x 48
Air Flow (sq. in. net free air flow area)		22.1
Recommended Service Temp., Max. (°F)		165
Fire & Smoke		
Flame Spread <sup>1</sup> Smoke Developed <sup>1</sup>	ASTM E84	10 (Class A) 125

<sup>1</sup> These numerical flame spread and smoke ratings are not intended to reflect hazards presented by this material under actual fire conditions. Local building codes should be followed.

For more information on specific building product recommendations and installation guidelines, contact your Kingspan Insulation LLC representative.

For the most current product and compliance information go to [www.kingspaninsulation.us](http://www.kingspaninsulation.us)

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