

# 6 models for SLOPED ROOF



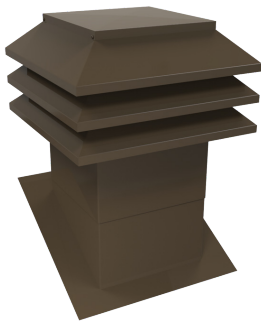
**Model VMAX-302-8**

Ajustable sloped flashing  
from : 2/12 to 7/12  
Ventilation area : 50 to 250 ft.<sup>2</sup>



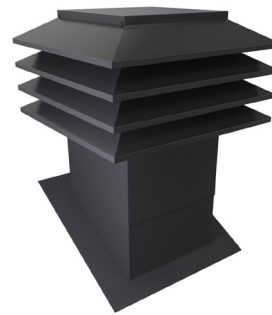
**Model VMAX-302-12**

Ajustable sloped flashing  
from : 2/12 to 15/12  
Ventilation area : 400 to 500 ft.<sup>2</sup>



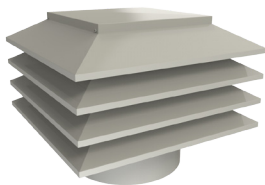
**Model VMAX-303-12**

Ajustable sloped flashing  
from : 2/12 to 15/12  
Ventilation area : 700 to 800 ft.<sup>2</sup>



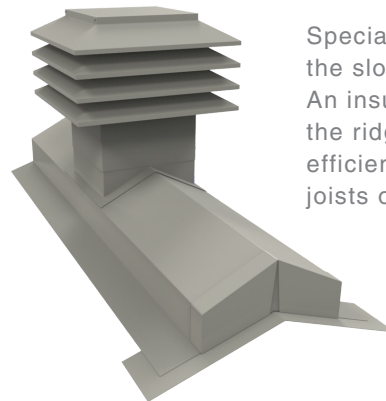
**Model VMAX-301-12**

Ajustable sloped flashing  
from : 2/12 to 15/12  
Ventilation area : 1000 to 1200 ft.<sup>2</sup>



**Model VMAX-401-12**

Replacement head for any  
12 in. round ventilator.  
Adaptor : Sold separately for 10 &  
14 in. units  
Ventilation area : 800 to 1000 ft.<sup>2</sup>



**Model Cathedral System**

Special order : Custom made to  
the slope of the roof.  
An insulated duct is installed on  
the ridge of the roof, to assure an  
efficient ventilation between the  
joists of the roof.

## Features

Unique storm proof deflector  
Exceptional drawing power  
Built-in wire mesh screen  
Adjustable flashing for slopes from 2/12 to 15/12  
Finish : Interior and exterior powder coated  
polyester baked paint with UV protection  
Warranty : Limited Lifetime Warranty on all manu-  
facturing defects, 5 years on paint & corrosion

## Warning :

Before venting an attic  
space, make sure that  
the building in question  
complies with the  
Building Code  
Requirements.



# MODEL VMAX-302-8

## Description

Unlike the turbine, the Maximum Ventilators are CSA approved and do not require to rotate to prevent water or snow infiltrations. Its unique storm proof system prevents infiltrations while at the same time capturing the wind flow from all directions and at wind velocities as low as 6 km./hr. (4 mi./hr.). With this combination of technology, wind and pressure differentials, a “chimney or, vacuum effect” results in drawing the stale air and moisture out, thus preventing moisture & heat build-up within the attic space.

The model VMAX-302-8 has been designed for slope roof application varying from a 2/12 to 7/12 pitch. This ventilator was designed for the application on smaller roofs such as sunrooms, extensions, etc., where the aesthetics as well as efficiency is important. Has no moving parts, requires no electricity, it is completely silent and maintenance free. Built tough to endure the harshest weather conditions that nature has to offer including hail storms. It sits high enough off the roof deck to allow it to weather through snow accumulations without being covered, thus, finally giving the home owner a peace of mind.

## Specifications & Features

**Model :** VMAX-302-8

**Deflector :** 1

**Net Free Evacuation :** 64 in.<sup>2</sup>

**Suggested Ventilation Area :** 50 to 250 ft.<sup>2</sup>

**Adjustable Flashing :** 2/12 to 7/12

**Storm Proof :** Unique precision engineered deflector system

**Solid :** Built of galvanized steel

**Standard Gauge :** 24 & 26

**Rodent Proof :** Built-in galvanized wire mesh screen

**Finish :** Interior and exterior powder coated polyester baked paint with UV protection

**Warranty :** Limited Lifetime Warranty on all manufacturing defects, 5 years on paint & corrosion

**Available Colours :** Black, brown, grey

**Compliances :** CSA, CAN-3-A930M82, ASTM-527

### **Note :**

A limited selection of special colours are available at a small premium. Please refer to chart 302-12 for larger dimensions that are available by special order.



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Watts: (Canada) 1-800-665-4874  
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# MODEL VMAX-302-12

## Description

Unlike the turbine, the Maximum Ventilators are CSA approved and do not require to rotate to prevent water or snow infiltrations. Its unique storm proof system prevents infiltrations while at the same time capturing the wind from all directions and at velocities as low as 6 km./hr. (4 mi./hr.). With this combination of technology, wind and pressure differentials, a “chimney effect” results in drawing the stale air and moisture out of the attic space, while replacing it with fresh new air that enters through the soffits.

The model VMAX-302-12 has been designed for slope roof application and is compatible with most all types of roofing membrane including metal. It has no moving parts, requires no electricity, and is completely silent and maintenance free. Built tough to endure the harshest weather conditions that nature has to offer including hail storms. It sits high enough off the roof deck to allow it to weather through snow accumulations without being covered, thus, finally giving the home owner a peace of mind.

## Specifications & Features

**Model :** VMAX-302-12

**Deflector :** 1

**Net Free Evacuation :** 96 in.<sup>2</sup>

**Tested Extraction Rate :** 134 CFM

**Suggested Ventilation Area :** 400 to 500 ft.<sup>2</sup>

**Adjustable Flashing :** 2/12 to 15/12

**Storm Proof :** Unique precision engineered deflector system

**Solid :** Built of galvanized steel

**Standard Gauge :** 24 & 26

**Rodent Proof :** Built-in galvanized wire mesh screen

**Finish :** Interior and exterior powder coated polyester baked paint with UV protection

**Warranty :** Limited Lifetime Warranty on all manufacturing defects, 5 years on paint & corrosion

**Available Colours :** Black, brown, grey

**Compliances :** CSA, CAN-3-A930M82, ASTM-527

### **Note :**

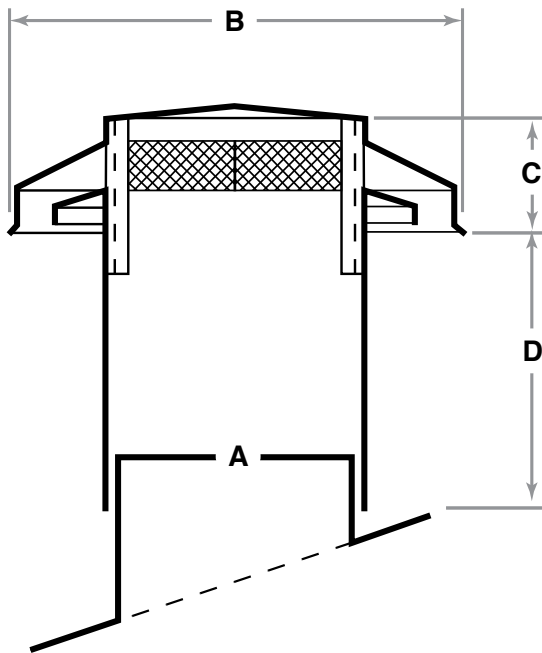
A limited selection of special colours are available at a small premium. Please refer to chart on the following page for larger dimensions that are available by special order.



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## DIMENSIONS AND SPECIAL CHARACTERISTICS

Please refer to the section on recommendations for slope roofs for additional information.



| CODE#       | DIMENSIONS |        |       |         | EVACUATION             | NUMBER OF DEFLECTORS | STEEL GAUGE USED |
|-------------|------------|--------|-------|---------|------------------------|----------------------|------------------|
|             | A          | B      | C     | D       |                        |                      |                  |
| 302-8       | 8"         | 13"    | 5"    | 8"      | 64 IN. <sup>2</sup>    | 1                    | 26               |
| METRIC (mm) | 203        | 330    | 127   | 203     | 0.0412 M. <sup>2</sup> |                      | 26               |
| 302-12      | 12"        | 19.75" | 5"    | 10.375" | 96 IN. <sup>2</sup>    | 1                    | 26               |
|             | 305        | 502    | 127   | 263.5   | 0.062 M. <sup>2</sup>  |                      | 26               |
| 302-14      | 14"        | 24"    | 6.50" | 17.5"   | 150 IN. <sup>2</sup>   | 1                    | 24               |
|             | 356        | 610    | 165   | 445     | 0.097 M. <sup>2</sup>  |                      | 24               |
| 302-16      | 16"        | 26"    | 6.50" | 17.50"  | 208 IN. <sup>2</sup>   | 1                    | 24               |
|             | 406        | 660    | 165   | 445     | 0.134 M. <sup>2</sup>  |                      | 24               |
| 302-18      | 18"        | 28"    | 6.50" | 17.50"  | 266 IN. <sup>2</sup>   | 1                    | 24               |
|             | 457        | 711    | 165   | 445     | 0.172 M. <sup>2</sup>  |                      | 24               |
| 302-20      | 20"        | 32"    | 9.50" | 16"     | 352 IN. <sup>2</sup>   | 1                    | 22&24            |
|             | 508        | 813    | 241   | 406     | 0.227 M. <sup>2</sup>  |                      | 22&24            |
| 302-22      | 22"        | 34"    | 9.50" | 16"     | 408 IN. <sup>2</sup>   | 1                    | 22&24            |
|             | 559        | 864    | 241   | 406     | 0.263 M. <sup>2</sup>  |                      | 22&24            |
| 302-24      | 24"        | 36"    | 9.50" | 16"     | 486 IN. <sup>2</sup>   | 1                    | 22&24            |
|             | 610        | 914    | 241   | 406     | 0.314 M. <sup>2</sup>  |                      | 22&24            |

Note :

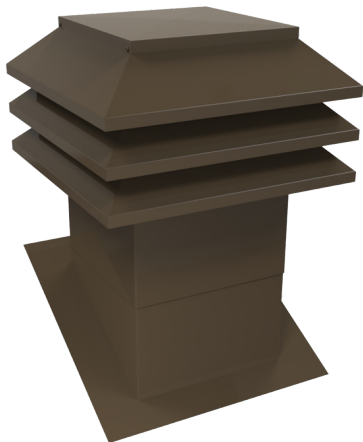
The models #302-14 to #302-24 are available by special orders only.

Fabrication starts once we receive the order which can then take anywhere between two (2) to three (3) weeks delivery depending on your location and season.

We recommend, so as to not delay your projects, that you place these orders in conjunction with these delays before starting a job.

### Warning :

Before venting an attic space, make sure that the building in question complies with the Building Code Requirements.



# MODEL VMAX-303-12

## Description

Unlike the turbine, the Maximum Ventilators are CSA approved and do not require to rotate to prevent water or snow infiltrations. Its unique storm proof system prevents infiltrations while at the same time capturing the wind from all directions and at velocities as low as 6 km./hr. (4 mi./hr.). With this combination of technology, wind and pressure differentials, a “chimney effect” results in drawing the stale air and moisture out of the attic space, while replacing it with fresh new air that enters through the soffits.

The model VMAX-303-12 has been designed for slope roof application and is compatible with most all types of roofing membrane including metal. It has no moving parts, requires no electricity, and is completely silent and maintenance free. Built tough to endure the harshest weather conditions that nature has to offer including hail storms. It sits high enough off the roof deck to allow it to weather through snow accumulations without being covered, thus, finally giving the home owner a peace of mind.

## Specifications & Features

**Model :** VMAX-303-12

**Deflectors :** 3

**Net Free Evacuation :** 105 in.<sup>2</sup>

**Tested Extraction Rate :** 266 CFM

**Suggested Ventilation Area :** 700 to 800 ft.<sup>2</sup>

**Adjustable Flashing :** 2/12 to 15/12

**Storm Proof :** Unique precision engineered deflector system

**Solid :** Built of galvanized steel

**Standard Gauge :** 24 & 26

**Rodent Proof :** Built-in galvanized wire mesh screen

**Finish :** Interior and exterior powder coated polyester baked paint with UV protection

**Warranty :** Limited Lifetime Warranty on all manufacturing defects, 5 years on paint & corrosion

**Available Colours :** Black, brown, grey

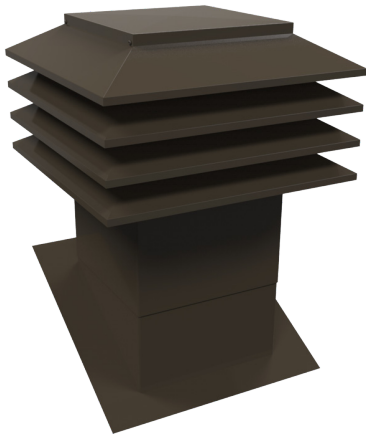
**Compliances :** CSA, CAN-3-A930M82, ASTM-527

**Note :**

A limited selection of special colours are available at a small premium.



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# MODEL

## VMAX-301-12

### Description

Unlike the turbine, the Maximum Ventilators are CSA approved and do not require to rotate to prevent water or snow infiltrations, even withstanding hurricane wind and rain conditions of 175 km./hr. or 110 mi/hr. Its unique storm proof system prevents infiltrations, while at the same time capturing the wind from all directions and at velocities as low as 6 km./hr. (4 mi./hr.). With this combination of technology, wind and pressure differentials, a “chimney effect” results in drawing the stale air and moisture out of the attic space, while replacing it with fresh new air that enters through the soffits.

The model VMAX-301-12 has been designed for slope roof application and is compatible with most all types of roofing membrane including metal. It has no moving parts, requires no electricity, and is completely silent and maintenance free. Built tough to endure the harshest weather conditions that nature has to offer including hail storms. It sits high enough off the roof deck to allow it to weather through snow accumulations before being covered, thus, finally giving the home owner a peace of mind.

### Specifications & Features

**Model :** VMAX-301-12

**Deflectors:** 4

**Net Free Evacuation :** 144 in.<sup>2</sup>

**Tested Extraction Rate :** 418 CFM

**Suggested Ventilation Area :** 1000 to 1200 ft.<sup>2</sup>

**Adjustable Flashing :** 2/12 to 15/12

**Storm Proof :** Unique precision engineered deflector system

**Solid :** Built of galvanized steel

**Standard Gauge :** 24 & 26

**Rodent Proof :** Built-in galvanized wire mesh screen

**Finish :** Interior and exterior powder coated polyester baked paint with UV protection

**Warranty :** Limited Lifetime Warranty on all manufacturing defects, 5 years on paint & corrosion

**Available Colours :** Black, brown, grey

**Compliances :** CSA, CAN-3-A930M82, ASTM-527, Miami Dade approved, ICC-ES

#### **Note :**

A limited selection of special colours are available at a small premium. Please refer to chart on the following page for larger dimensions that are available by special order.

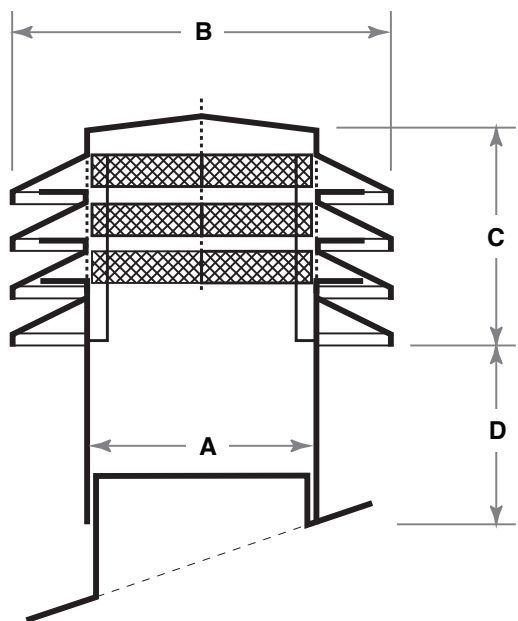


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## DIMENSIONS AND SPECIAL CHARACTERISTICS

Please refer to the section on recommendations for slope roofs for additional information.



| CODE#       | DIMENSIONS |        |        |        | EVACUATION            | NUMBER OF DEFLECTORS | STEEL GAUGE USED |
|-------------|------------|--------|--------|--------|-----------------------|----------------------|------------------|
|             | A          | B      | C      | D      |                       |                      |                  |
| 301-12      | 12"        | 19.50" | 11"    | 8.625" | 144 IN. <sup>2</sup>  | 4                    | 24&26            |
| METRIC (mm) | 305        | 495    | 279    | 219    | 0.093 M. <sup>2</sup> |                      | 24&26            |
| 301-14      | 14"        | 21.50" | 11"    | 16.25" | 196 IN. <sup>2</sup>  | 4                    | 22&24            |
|             | 356        | 546    | 279    | 413    | 0.126 M. <sup>2</sup> |                      | 22&24            |
| 301-16      | 16"        | 23.50" | 13.25" | 16.25" | 256 IN. <sup>2</sup>  | 5                    | 22&24            |
|             | 406        | 597    | 337    | 413    | 0.165 M. <sup>2</sup> |                      | 22&24            |
| 301-18      | 18"        | 25.50" | 13.25" | 16.25" | 324 IN. <sup>2</sup>  | 5                    | 24               |
|             | 457        | 648    | 337    | 413    | 0.209 M. <sup>2</sup> |                      | 24               |
| 301-20      | 20"        | 27.50" | 15.75" | 16.25" | 400 IN. <sup>2</sup>  | 6                    | 22&24            |
|             | 508        | 699    | 400    | 413    | 0.258 M. <sup>2</sup> |                      | 22&24            |
| 301-22      | 22"        | 29.50" | 15.75" | 16.25" | 484 IN. <sup>2</sup>  | 6                    | 22&24            |
|             | 559        | 749    | 400    | 413    | 0.312 M. <sup>2</sup> |                      | 22&24            |
| 301-24      | 24"        | 31.50" | 18.50" | 16.25" | 576 IN. <sup>2</sup>  | 7                    | 22&24            |
|             | 610        | 800    | 470    | 413    | 0.372 M. <sup>2</sup> |                      | 22&24            |

Note :

The models #301-14 to #301-24 are available by special orders only.

Fabrication starts once we receive the order which can then take anywhere between two (2) to three (3) weeks delivery depending on your location and season.

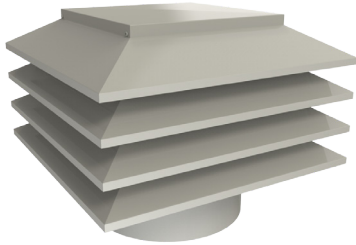
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### Warning :

Before venting an attic space, make sure that the building in question complies with the Building Code Requirements.



# MODEL

## VMAX-401-12

### Description

Unlike the turbine, the Maximum Ventilators are CSA approved and do not require to rotate to prevent water or snow infiltrations. Its unique storm proof system prevents infiltrations while at the same time capturing the wind flow from all directions and at wind velocities as low as 6 km./hr. (4 mi./hr.). With this combination of technology, wind and pressure differentials, a “chimney or, vacuum effect” results in drawing the stale air and moisture out, thus preventing moisture & heat build-up within the attic space.

This ventilator has been designed to replace faulty turbines of 12 in. diameters but can also replace a 10 in. or 14 in. turbines by installing an adaptor that can be ordered separately. No need of removing or replacing the shingles, allows for fast and easy installation.

### Specifications & Features

**Model :** VMAX-401-12

**Deflectors :** 4

**Net Free Evacuation :** 113 in.<sup>2</sup>

**Suggested Ventilation Area :** 800 to 1000 ft.<sup>2</sup>

**Storm Proof :** Unique precision engineered deflector system

**Solid :** Built of galvanized steel

**Standard Gauge :** 24 & 26

**Rodent Proof :** Built-in galvanized wire mesh screen

**Finish :** Interior and exterior powder coated polyester baked paint with UV protection

**Warranty :** Limited Lifetime Warranty on all manufacturing defects, 5 years on paint & corrosion

**Available Colours :** Black, brown, grey

**Compliances :** CSA, CAN-3-A930M82, ASTM-527

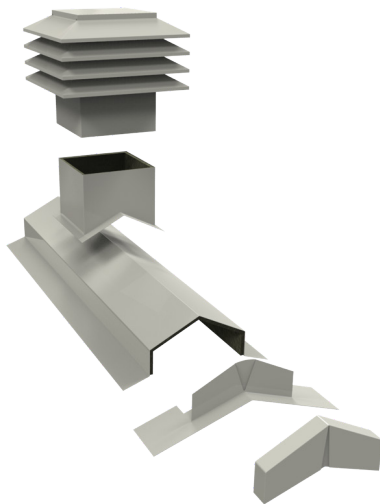
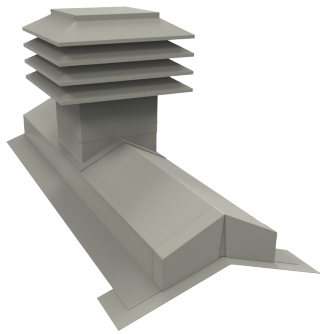
**Note :**

A limited selection of special colours are available at a small premium.



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# MODEL CATHEDRAL SYSTEM

## Description

Ventilation Maximum designed and engineered a ventilation system in combination with the VMAX-301-12 ventilator that will allow, due to the ventilators exceptional drawing power, to draw fresh air from the soffits up between each rafter (between the insulation and underside of the roof deck) into an assembled weather tight duct system. It will then be extracted out the ventilator, thus, allowing for continuous fresh air flow throughout the attic space and preventing heat and moisture buildup from deteriorating the structural integrity of the building & its components.

Another valuable feature to this system is that it has been designed and developed to withstand the harshest weather conditions that Mother Nature could offer including hail & snow accumulations, thus, finally, giving the home owner peace of mind.

### **Note :**

A limited selection of special colours are available at a small premium.

This system is customized made to your specifications, the slope of the roof (both sides if they are not the same), the length, as well as colour is required for fabrication.

Self-tapping screws are included with this system for assembly of parts, however, is the responsibility of the end user to supply the screws to secure to the roof deck.

## Specifications & Features

**Model :** Cathedral system

**Storm Proof :** Unique precision engineered deflector system

**Solid :** Built of galvanized steel

**Standard Gauge :** 24 & 26

**Rodent Proof :** Built-in galvanized wire mesh screen

**Finish :** Interior and exterior powder coated polyester baked paint with UV protection

**Warranty :** Limited Lifetime Warranty on all manufacturing defects, 5 years on paint & corrosion

**Available Colours :** Black, brown, grey

**Compliances :** CSA, CAN-3-A930M82, ASTM-527



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## DIMENSIONS AND SPECIAL CHARACTERISTICS

Please refer to the section on recommendations for slope roofs for additional information.

| ITEM  | TYPE "A" |
|---|----------|
| <b>DUCT</b><br><p>Made of 24 gauge galvanized steel. The duct is insulated, painted and perforated on its sides so as to facilitate its attachment to roof deck. Each section measures 48" long, but 2" are used to overlap the next section thus leaving 46" per section.<br/> N.B. The slope of the roof is required to order this product.</p> |          |
| <b>VENTILATOR</b><br><p>For standard residential buildings, a Maximum ventilator is installed for no more than 20 feet of duct. The distance between the ventilators may need to be reduced for buildings which exceed the size of standard residences.</p>   |          |
| <b>ADAPTOR</b><br><p>The adaptor is used to connect the ventilator with the duct. One adaptor is needed per ventilator and the adaptors are all insulated, painted and perforated.</p>  |          |
| <b>END CAPS</b><br><p>The caps are used to close off the extremities of the duct and each unit is composed of two pieces. Two caps are usually needed per installation.</p>   |          |

Note :

Fabrication starts once we receive the order which can then take between two (2) to three (3) weeks delivery depending on your location and season.

We recommend, so as to not delay your projects, that you place these orders in conjunction with these delays before starting a job.



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### Warning :

Before venting an attic space, make sure that the building in question complies with the Building Code Requirements.

# The Maximum ventilator EXTENSIONS



| CODE #                | DESCRIPTION                   | Gauge |
|-----------------------|-------------------------------|-------|
| EXT-12<br>metric (mm) | Extension 12" high<br>305 mm  | 24    |
| EXT-18                | Extension 18" high<br>457 mm  | 24    |
| EXT-24                | Extension 24" high<br>610 mm  | 24    |
| EXT-30                | Extension 30" high<br>762 mm  | 24    |
| EXT-36                | Extension 36" high<br>914 mm  | 24    |
| EXT-42                | Extension 42" high<br>1067 mm | 24    |
| EXT-48                | Extension 48" high<br>1219 mm | 24    |
| EXT-54                | Extension 54" high<br>1372 mm | 22    |
| EXT-60                | Extension 60" high<br>1524 mm | 22    |
| EXT-66                | Extension 66" high<br>1676 mm | 22    |
| EXT-72                | Extension 72" high<br>1829 mm | 22    |

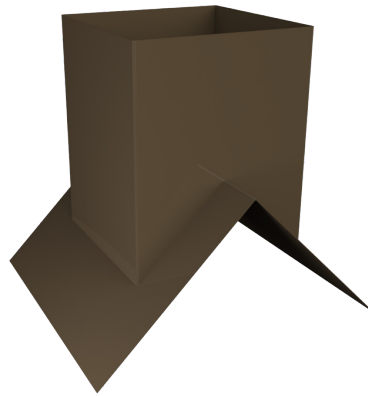
- Special orders only. Manufacturing delays may vary depending on season.
- Available Colours : Black, brown and grey.
- A limited selection of special colours are available at a small premium.
- Please visit our web site at [www.ventilation-maximum.com](http://www.ventilation-maximum.com).
- Please note that we can manufacture all other dimensions on request.

**N.B. Support Brackets are available for extensions three (3) feet and higher at a small premium**



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# The Maximum ventilator RIDGE FLASHING



## Description :

This special flashing is installed directly on the ridge of the roof allowing for a perfect balance of ventilation and extra height for the heavy snow regions or forest areas. It allows for a fast and easy installation onto any roofing materials whether it be asphalt shingles or metal roofs. It can be manufactured to fit all dimensions, and can be made of any raw metal of your choice.

- When ordering this flashing, the slope is required.
- Manufacturing delays may vary depending on season.
- Available Colours: Black, brown, or grey.
- A limited selection of special colours are available at a small premium. Please visit our web site at [www.ventilation-maximum.com](http://www.ventilation-maximum.com).



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