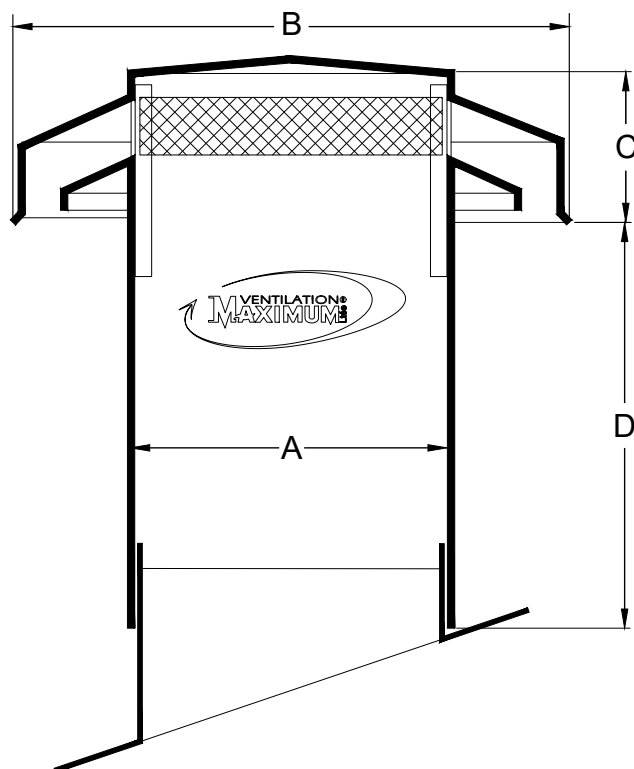
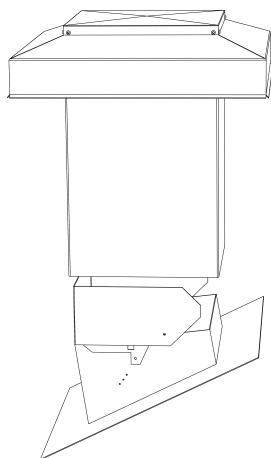


### DESIGN AND APPLICATION

The VMAX-302 is a static roof ventilator designed for installation on sloped roofing. Its unique design includes a built-in stormproof deflector system available in a variety of sizes and finish options. The VMAX-302 prevents the accumulation of moisture and hot air in an attic by creating a minimum evacuation rate of 134 CFM (model 302-12) with wind speeds as low as 6 km/h (4 mph).

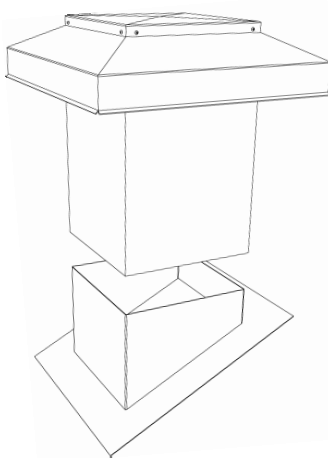


### FLASHING OPTIONS



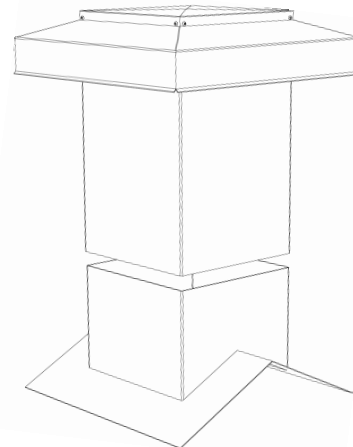
Sloped adjustable flashing

Sloped adjustable flashing (standard for model 302-12) only offered in 12" x 12" dimension.  
Adjustable for slopes: 2/12 to 15/12.



Sloped flashing

Sloped flashing for sloped roofs. Offered for models: 302-14 to 302-24  
**Exact slope required**



Ridge flashing (SDF)

Ridge flashing designed to be installed directly on the ridge of the roof.  
**Exact slope required**

### MANUFACTURING STANDARDS

#### Construction standards

- 24 and 22 gauge galvanized structural steel construction.
- Angled louver construction designed to meet the highest standards for hurricane and storm water infiltration resistance.
- Galvanized steel bird screen installation.

#### Finish

- Prewashed with a phosphate treatment and then coated with an interior and exterior baked polyester powder paint with UV protection.
- Standard colours: black, brown, grey and charcoal
- Special colours: please refer to our colour chart for more information.

#### Warranty

- Five (5) years on paint and corrosion, lifetime warranty on any manufacturing defects.

#### Norms and certifications

- CSA A93-M82-CAN3
- ASTM-527
- CAN-3-A930M82
- CMHC evaluation report 11601
- AIR-INS Inc report AI-00976-A

## DIMENSIONS CHART

Model	Dimensions				Net evacuation	Number of deflectors
	A	B	C	D		
302-8	8"	13"	5"	8"	64 in <sup>2</sup>	1
metric (mm)	203	330	127	203	0.0412 m <sup>2</sup>	
302-12	12"	19.75"	5.25"	10.125"	96 in <sup>2</sup>	1
	305	502	127	257.18	0.062 m <sup>2</sup>	
302-14	14"	24"	6.5"	17	150 in <sup>2</sup>	1
	356	610	165	432	0.097 m <sup>2</sup>	
302-16	16"	26"	6.5"	17.5"	208 in <sup>2</sup>	1
	406	660	165	445	0.134 m <sup>2</sup>	
302-18	18"	28"	6.5"	18	266 in <sup>2</sup>	1
	457	711	165	457	0.172 m <sup>2</sup>	
302-20	20"	32"	9.5"	16"	352 in <sup>2</sup>	1
	508	813	241	406	0.227 m <sup>2</sup>	
302-22	22"	34"	9.5"	16"	408 in <sup>2</sup>	1
	559	864	241	406	0.263 m <sup>2</sup>	
302-24	24"	36"	9.5"	16"	486 in <sup>2</sup>	1
	610	914	241	406	0.314 m <sup>2</sup>	

## RECOMMENDED VENTILATION CHART FOR MODEL VMAX-302-12

Model	Allowable insulated vented roof surface area for a model 301-12
302-8	50-250
302-12	400-500
302-14	550
302-16	710
302-18	900
302-20	1110
302-22	1340
302-24	1600

Note: This recommendation is based on a standard, new or existing, roof installation. To learn more about the regulations associated with this type of installation, please refer to the "basic principles to verify before ventilating" section of our website at: <http://www.ventilation-maximum.com/en/general-information/recommendations/>

Note: This chart represents the recommendations made by Ventilation Maximum. Under no circumstances do these recommendations take precedence over the regulations established by the codes and standards in force.

## AVAILABLE OPTIONS

### Materials

- Copper
- Aluminum
- Stainless steel
- Galvanized steel
- Galvalume

### Accessories

- Media filter installation
- Painted steel retention basin dimensions: 12" x 12" x 3" to 32" x 32" x 4"
- Plastic retention basin, dimensions: 24" x 24" x 3"
- Ventilator extensions

## NOMENCLATURE

VMAX- 302-

Model	Colour	Type of flashing
8	Black	SDF- Ridge flashing
12	Grey	
14	Brown	
16	Charcoal	
18	Special colour	
20	(view chart)	
22		
24		

Note: The sloped adjustable flashing and the sloped flashing are standard with models 301-12 and 302-14 to 302-24 respectively.