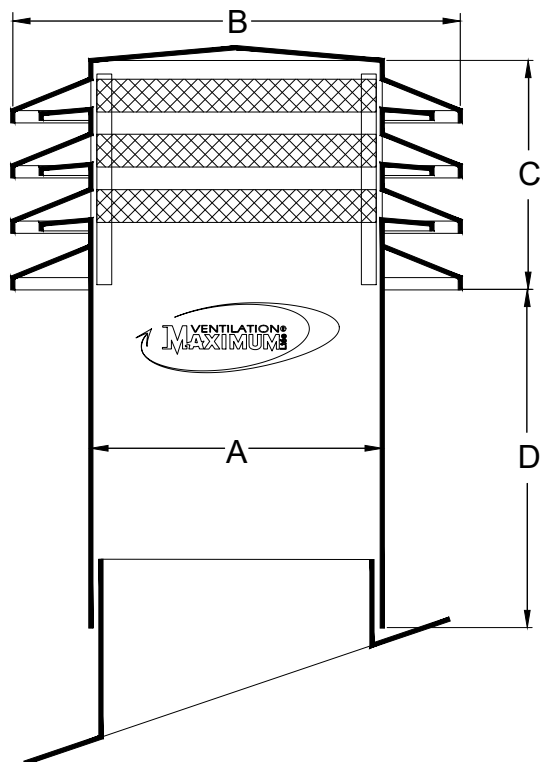
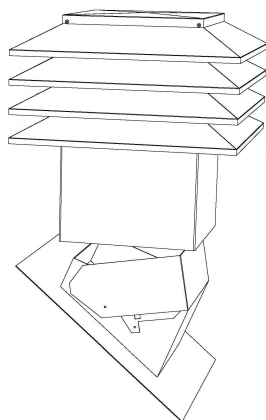


DESIGN AND APPLICATION

The VMAX-301 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-301 prevents the accumulation of moisture and hot air in an attic by creating a minimum evacuation rate of 418 CFM (model 301-12) with wind speeds as low as 6 km/h (4 mph).

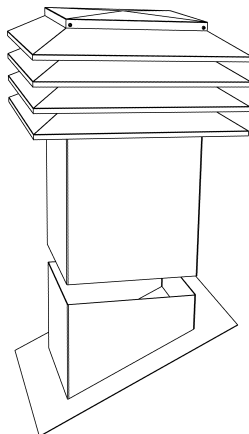


FLASHING OPTIONS



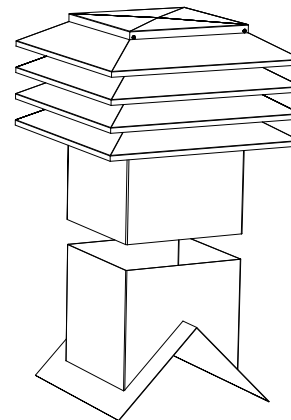
Sloped adjustable flashing

Sloped adjustable flashing (standard for model 301-12) 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: 301-14 to 301-24
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
- Miami-Dade County Approved Product (NOA 08-1106-02)
- 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		
301-12	12"	19.50"	11"	8.625"	144 in ²	4
metric (mm)	305	495	279	219	0.093 m ²	
301-14	14"	21.50"	11"	16.25"	196 in ²	4
	356	546	279	413	0.126 m ²	
301-16	16"	23.50"	13.25"	16.25"	256 in ²	5
	406	597	337	413	0.165 m ²	
301-18	18"	25.50"	13.25"	16.25"	324 in ²	5
	457	648	337	413	0.209 m ²	
301-20	20"	27.50"	15.75"	16.25"	400 in ²	6
	508	699	400	413	0.258 m ²	
301-22	22"	29.50"	15.75"	16.25"	441 in ²	6
	559	752	400	413	0.285 m ²	
301-24	24"	31.50"	18.50"	16.25"	576 in ²	7
	610	800	470	413	0.372 m ²	

RECOMMENDED VENTILATION CHART FOR MODEL VMAX-301-12

Model	Allowable insulated vented roof surface area for a model 301-12
301-12	1000-1200
301-14	1360
301-16	1775
301-18	2250
301-20	2750
301-22	3360
301-24	4000

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

NOMENCLATURE

VMAX- 301-

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

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