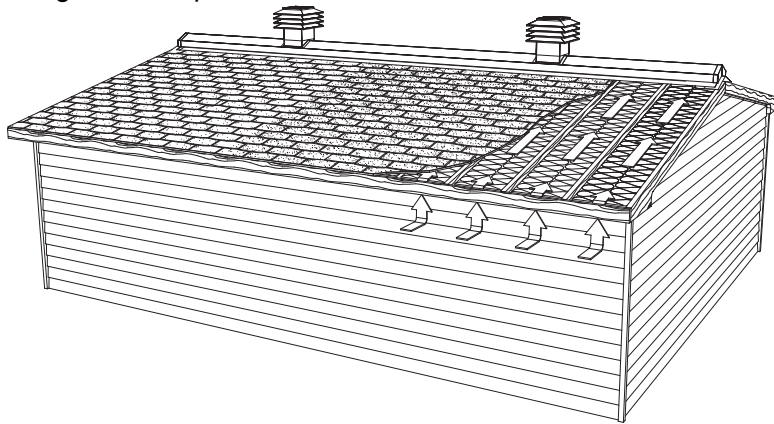


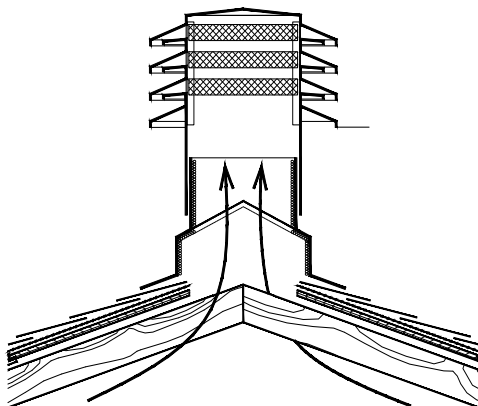
DESIGN AND APPLICATION

The VMAX-CATHEDRAL was designed and engineered in combination with the VMAX-301-12 ventilator. The ventilators unique concept allows it to have an exceptional drawing power to pull fresh air from the soffits up through each rafter (between the insulation and underside of the roof deck) and into an assembled weather tight duct system. The air is then extracted throughout the ventilator, thus allowing for continuous fresh air flow into the attic space. This system helps prevent heat and moisture buildup in all rafter spaces from deteriorating the structural integrity of the building & its components.



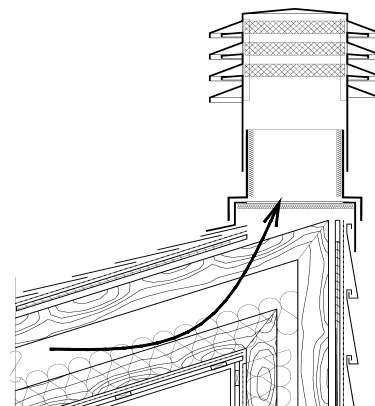
Ventilation Maximum recommends a minimal free air space, for optimal air circulation, of 4 inches in every rafter. This allows the VMAX-CATHEDRAL to operate at full efficiency without any restrictions. One ventilator is required for every 600ft² of insulated ceiling giving into the attic. For commercial applications, oversized ventilators and ductwork is also available upon request.

CATHEDRAL SYSTEM TYPES



TYPE A

Designed for double sloped roofs, the ductwork can also be adjusted to roofs with 2 different slopes.



TYPE B

Designed for single or double sloped roofs, this system is very versatile and can be adapted to fit any project. A minimum slope of 4/12 is required for this model.

MANUFACTURING STANDARDS

Ductwork, adaptors & endcaps

- Factory made, 24 & 26 gauge structural galvanized steel construction, insulated with 1/2" duct-liner type fiberglass insulation.
- Built to the exact pitch of the roof

Maximum 301-12 ventilator

- 24 and 22 gauge structural galvanized 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 and grey.
- Special colours: please refer to our colour chart for more information.

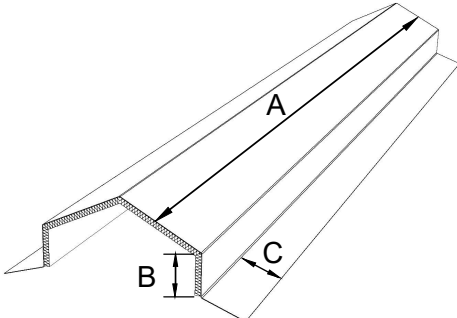
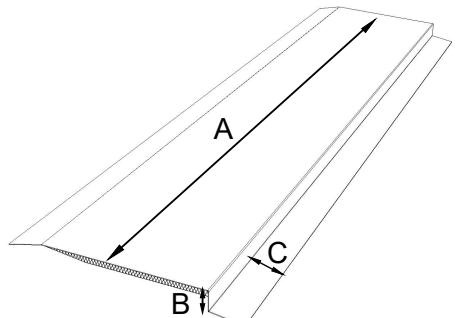
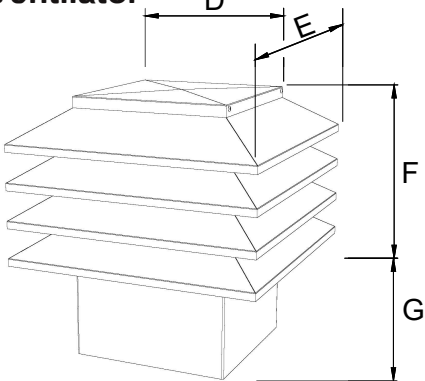
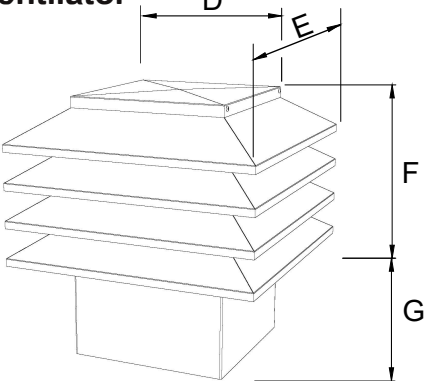
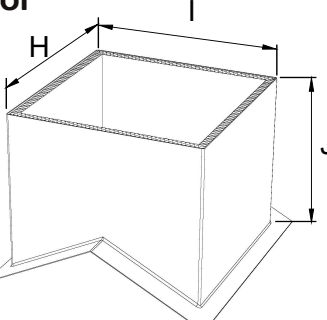
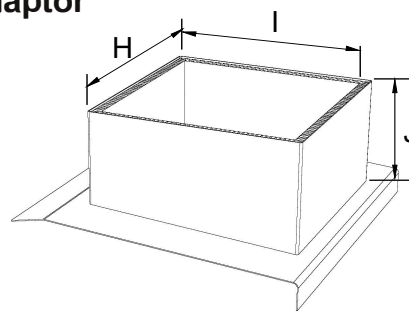
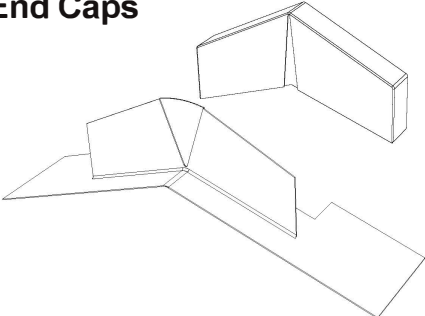
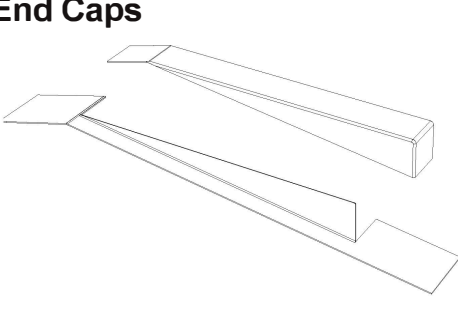
Warranty

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

Norms and certifications

- ASTM-527
- CSA A93-M82-CAN3

DIMENSIONS CHART

DIMENSIONS			TYPE "A"	TYPE "B"		
	TYPE A	TYPE B	Section	Section		
A	48"	48"				
Metric (mm)	1219	1219				
B	Slopes 1/12 to 10/12: 4in (102 mm) Slopes 11/12 to 15/12: 5.5in (139 mm)	4"				
C	Slopes 1/12 to 10/12: 3in (76 mm) Slopes 11/12 to 15/12: 4in (102 mm)	4"	Ventilator	Ventilator		
D	12"	12"				
Metric (mm)	307	307				
E	19.5"	19.5"				
	495	495	Adaptor	Adaptor		
F	11"	11"				
	279	279				
G	8.375"	8.375"				
	212	212	<div><div>END CAPS</div><p>End caps are built to the exact dimensions as the sections such as to properly close the ductwork. They should be adapted to the slope of the roof on site, please refer to the installation sheet for more information.</p></div>			
H	11.75"	11.75"				
Metric (mm)	298	298				
I	11.75"	11.75"	End Caps	End Caps		
	288	288				
J	Variable according to the slope of the roof					