

## 1 wing roof attic ventilator with insulated base for flat roof (suitable for membranes) OPTI-iM112

The OPTI-iM112 attic vent is designed for flat roofs and offers the space to adhere to the roof membrane to the entire round of the cube. This concept allows for better sealing around the opening made for the location of the vent. The finned design and its openings allow for optimal ventilation of the attic. The inside of the base is insulated which prevents the risk of condensation. The ventilation power of this vent depends on several factors including space in the attic as well as soffit being present or not. Under ideal conditions this vent has the capacity to ventilate from 100 to 150 sq. ft. It is always recommended to place a retention tray on the insulation under the vent.



### Advantages

- Optimizes and regulates evenly the ventilation of the attic
- Facilitates the evacuation of heat and condensation
- Preserves the integrity of the attic materials
- Simple to install
- Screws included
- Anti-gust deflector
- No maintenance and noise free

### Colours

Standard colours available: brown, grey, black and white. Other colours available on special order (additional fee).

### Norms

CSA Certified  
The National Building Code requires adequate ventilation of the roof as per the minimum standard of Section 9.19.1 or according to the ACNOR CAN3-A93-M82.

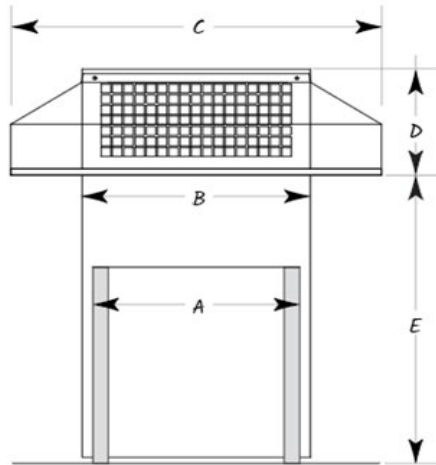
### Use

Ventilation is required by the Canadian Building Code. A good ventilation means keeping the attic space near the outside temperature to avoid excessive contrasts. With the help of soffits, for example In summer, the chimney effect created by the Optimum ventilator eliminates excess heat from the attic and thus helps maintain the integrity of the asphalt shingles. In winter, you will get a drier attic. No matter what the season, Optimum Ventilators will help to optimize the comfort of your home!

CHART OF VENTILATION *INDICATIVE CHARTER				
PRODUCT	NET VENTILATION AREA BETWEEN ROOF DECK AND INSULATION			
	6 in. and less	7 in. to 12 in.	13 in. to 24 in.	25 in. and more
OPTI-iM112	102 sq.ft.	151 to 200 sq.ft.	201 to 300 sq.ft.	301 to 400 sq.ft.

### Characteristics

The vent is manufactured from galvanized steel followed by a specialized baked paint finish.



PRODUCT	DIMENSIONS					EVACUATION	NUMBER OF DEFLECTORS	STEEL GAUGE USED
	A	B	C	D	E			
OPTI-IM112	27,9 cm • 11"	30,4 cm • 12"	52 cm • 20,5"	13,9 cm • 5,5"	39,3 cm • 15,5"	0,06 m <sup>2</sup> • 99 in. <sup>2</sup>	1	24 & 26
OPTI-IM114	33 cm • 13"	35,6 cm • 14"	63,4 cm • 25"	13,9 cm • 5,5"	46,6 cm • 18,37"	0,07 m <sup>2</sup> • 121,5 in. <sup>2</sup>	1	24 & 26
OPTI-IM116	38,1 cm • 15"	40,6 cm • 16"	68,5 cm • 27"	13,9 cm • 5,5"	54,9 cm • 21,62"	0,09 m <sup>2</sup> • 139,5 in. <sup>2</sup>	1	24 & 26
OPTI-IM118	43,1 cm • 17"	45,7 cm • 18"	73,6 cm • 29"	13,9 cm • 5,5"	55,2 cm • 21,75"	0,10 m <sup>2</sup> • 157,5 in. <sup>2</sup>	1	24 & 26
OPTI-IM120	48,2 cm • 19"	50,8 cm • 20"	83,7 cm • 33"	20,3 cm • 8"	52,7 cm • 20,75"	0,16 m <sup>2</sup> • 263,25 in. <sup>2</sup>	1	24 & 26
OPTI-IM122	53,3 cm • 21"	55,8 cm • 22"	88,8 cm • 35"	20,3 cm • 8"	52,7 cm • 20,75"	0,18 m <sup>2</sup> • 290,25 in. <sup>2</sup>	1	24 & 26
OPTI-IM124	58,4 cm • 23"	60,9 cm • 24"	93,9 cm • 37"	20,3 cm • 8"	52,7 cm • 20,75"	0,20 m <sup>2</sup> • 317,25 in. <sup>2</sup>	1	24 & 26

#### Custom model

Custom models are available as special order. \*We can manufacture any other size on request.

#### Options

This model is available with or without a filter.

For a ventilator with a filter, we recommend installing a water collection tray (OPTI-PAN).

#### Important Note:

It is mandatory to use an Opti-Pan containment tray for the installation of all ventilators installed using the passive method, without air intake from the wall or soffit, at all times.

#### Warranty

The consumer must ensure that this product is appropriate for the intended use. Since the installer's skills and surface conditions are independent of the manufacturer's control, we limit our liability to the replacement of defective equipment only if proof of purchase can be provided. Free on board (FOB factory).