

## 4 wings roof attic ventilator with insulated base for flat roof OPTI-i412

The OPTI-i412 attic fan is designed for flat roofs. The fin design and its openings allow optimal ventilation of the attic. The inside of the base is insulated to prevent any risk of condensation. Several factors must be considered for the unit to perform at its best such as the 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 400 sq. ft. It is always advisable 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

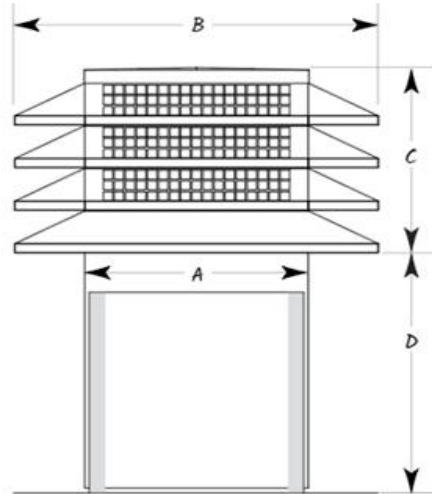
CSA Certified  
The National Building Code requires adequate ventilation of the roof as per the minimum standard of Section 9.19.1 or according to the ACNOR CAN3-A93-M82.

### 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!

### 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			
OPTI-i412	30,4 cm • 12"	49,5 cm • 19,5"	25,4 cm • 10"	27,9 cm • 11"	0,08 m <sup>2</sup> • 126,56 in. <sup>2</sup>	4	22 - 24 & 26
OPTI-i414	35,6 cm • 14"	54,6 cm • 21,5"	25,4 cm • 10"	34,2 cm • 13,5"	0,11 m <sup>2</sup> • 175,56 in. <sup>2</sup>	4	22 - 24 & 26
OPTI-i516	40,6 cm • 16"	59,6 cm • 23,5"	31,7 cm • 12,5"	40 cm • 15,75"	0,15 m <sup>2</sup> • 232,56 in. <sup>2</sup>	5	22 - 24 & 26
OPTI-i518	45,7 cm • 18"	64,7 cm • 25,5"	31,7 cm • 12,5"	42,5 cm • 16,75"	0,20 m <sup>2</sup> • 315 in. <sup>2</sup>	5	22 - 24 & 26
OPTI-i620	50,8 cm • 20"	69,8 cm • 27,5"	37,5 cm • 14,75"	42,5 cm • 16,75"	0,23 m <sup>2</sup> • 370,56 in. <sup>2</sup>	6	22 & 24
OPTI-i622	55,8 cm • 22"	74,9 cm • 29,5"	37,5 cm • 14,75"	42,5 cm • 16,75"	0,31 m <sup>2</sup> • 483,75 in. <sup>2</sup>	6	22 & 24
OPTI-i724	60,9 cm • 24"	80 cm • 31,5"	43,8 cm • 17,25"	43,2 cm • 17"	0,34 m <sup>2</sup> • 540,56 in. <sup>2</sup>	7	22 & 24

### Custom model

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

### Options

This model is available with or without filter. If you have a ventilator with a filter, you must install a water collecting tray. At all times, it is strongly recommended to install a water collecting tray (OPTI-PAN) under your ventilator, it is the solution for a dry attic.

### 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).