

# C400 SERIES

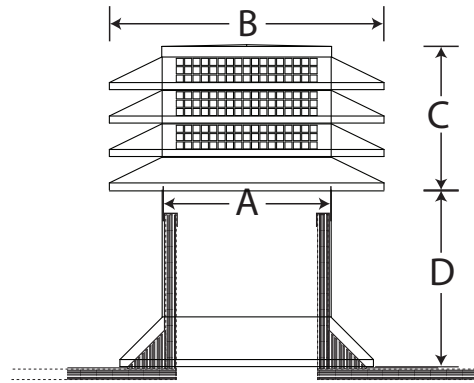
## 4 Wings Flat Roof Attic Ventilator

### CHARACTERISTICS

- Easy-to-install, hardware included
- Available in 22, 24 and 26 ga. galvanized steel construction
- Available with a 45 degree base or with a flat insulated base
- Wind deflector construction
- Maintenance free
- Polyester powder coat finish
- Standard colours: black, brown and grey
- Custom colours available upon request

### DETAILS AND DESCRIPTION

- 4-wing design allows for optimal flat roof ventilation.
- Solid structure from one central cube with grid-style perforations, eliminating maintenance required by standard mesh-style openings, while still preventing rodents and birds from entering your attic.
- Wind deflector construction prevents bad weather infiltration from all wind directions.
- 12" unit ventilates up to 400 sq. ft, depending on space between the roof deck and insulation (see chart).
- Works with a combination of wind and pressure differentials by creating a vacuum effect.
- 1 unit easily replaces up to 3 conventional goose-neck vents.
- Allows for a cooler house in the summer by eliminating heat accumulation inside the house, avoiding seepage and other problems.
- Promotes a dryer attic in the winter by allowing vapour to escape rather than condensate, thus avoiding mildew and ice formation.



- Saves energy all year round.
- Overall design prolongs the structural integrity of your building.
- Conforms to the requirements for ventilation of unrestricted air space for flat roofs mandatory under the National Building Code, as described in Sec. 9.19.1 and/or by ACNIR CAN#-A93-M82, at a ratio of 1/150.
- Limited 5-year warranty on material only, provided product was installed as per manufacturer's recommendations.

| Net ventilation area between roof deck and insulation | Area that one 12" can ventilate |
|---|---------------------------------|
| 1 to 6 inches   | Use model C100                  |
| 7 to 12 inches  | 300 sq <sup>2</sup>             |
| 13 to 24 inches                                       | 350 sq <sup>2</sup>             |
| 25 inches and more                                    | 400 sq <sup>2</sup>             |

| PRODUCTS    | DIMENSIONS      |                   |                   |                    | EVACUATION                                     |                 |                  |
|-------------|-----------------|-------------------|-------------------|--------------------|--|-----------------|------------------|
|             | A               | B                 | C                 | D                  | C400 Model                                     | # of deflectors | Steel gauge used |
| C412 SERIES | 12 in (30.4 cm) | 19.5 in (49.5 cm) | 11 in (27.9 cm)   | 12.25 in (31.1 cm) | 144 in <sup>2</sup> (924.16 cm <sup>2</sup> )  | 4               | 26               |
| C414 SERIES | 14 in (35.6 cm) | 21.5 in (54.6 cm) | 11 in (27.9 cm)   | 20.25 in (51.4 cm) | 196 in <sup>2</sup> (1267.36 cm <sup>2</sup> ) | 4               | 26               |
| C416 SERIES | 16 in (40.6 cm) | 23.5 in (59.6 cm) | 13 in (33 cm)     | 20.25 in (51.4 cm) | 256 in <sup>2</sup> (1648.36 cm <sup>2</sup> ) | 5               | 26               |
| C418 SERIES | 18 in (45.7 cm) | 25.5 in (64.7 cm) | 13 in (33 cm)     | 20.25 in (51.4 cm) | 324 in <sup>2</sup> (2088.49 cm <sup>2</sup> ) | 5               | 24 & 26          |
| C420 SERIES | 20 in (50.8 cm) | 27.5 in (69.8 cm) | 15.5 in (39.3 cm) | 20.25 in (51.4 cm) | 400 in <sup>2</sup> (2580.64 cm <sup>2</sup> ) | 6               | 24 & 26          |
| C422 SERIES | 22 in (55.8 cm) | 29.5 in (74.9 cm) | 15.5 in (39.3 cm) | 20.25 in (51.4 cm) | 484 in <sup>2</sup> (3113.64 cm <sup>2</sup> ) | 6               | 24               |
| C424 SERIES | 24 in (60.9 cm) | 31.5 in (80 cm)   | 18 in (45.7 cm)   | 20.25 in (51.4 cm) | 576 in <sup>2</sup> (3708.81 cm <sup>2</sup> ) | 7               | 22 & 24          |

- Any length of ext. available upon request
- Custom dimensions available upon request
- Sizes 14 to 24 inches are available by special order only

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#### COMMERCIAL BUILDING PRODUCTS

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1.800.268.2889



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