

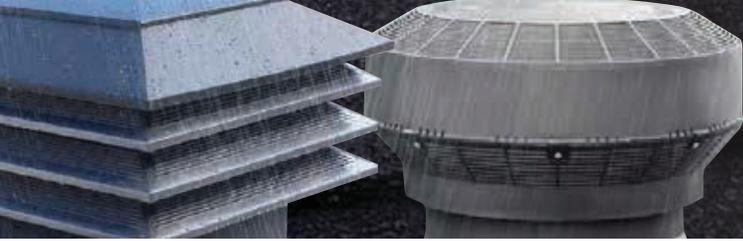


**duraflo<sup>®</sup>**

# Tall Venting FAQ



1-800-463-9572  
[duraflo.com/us](http://duraflo.com/us)



## 1. What are tall roof vents?

Tall roof vents stand physically higher from a roof's surface than traditional ridge or pot vents. Historically, the turbine or whirlybird has been a common style of tall vent. The design and construction of tall roof vents have continued to evolve, with the Duraflo PROTurbo and PROVentilator roof vents representing an innovation in the tall roof vent market due to the functionally superior internal baffle system, high-grade polypropylene construction and maintenance-free design.

## 2. What is a Duraflo PROTurbo roof vent?

The Duraflo PROTurbo is the next generation, maintenance-free turbine roof vent. Its unique internal WeatherPRO baffle system provides superior attic ventilation and excellent defense against weather infiltration, with no moving parts. It is made from durable, high-grade polypropylene, allowing it to resist denting, crushing, corrosion, condensation and extreme heat and cold.

## 3. What is a Duraflo PROVentilator roof vent?

The Duraflo PROVentilator is an innovative tall roof vent that is both functionally superior and aesthetically appealing. The unique internal WeatherPRO baffle system provides superior attic ventilation and excellent weather protection. In addition, the option to select a one, two or three tier vent in four different colours allows roofing contractors and custom home builders to select the model that best suits the architectural design of the home.

## 4. What are Duraflo PROTurbo and PROVentilator roof vents made of?

The vents are injection molded from pure, high-grade, engineered polypropylene with premium UV inhibitor additives. This material resists denting, crushing, extreme heat and is cold impact resistant to -40 degrees Celsius.

## 5. Why would a roofer use a plastic vent over a metal vent?

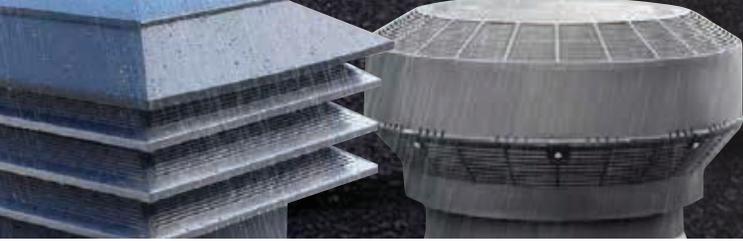
Pure, high-grade polypropylene resists denting, crushing, corrosion, condensation and extreme heat and cold. In contrast, metal vents may be more susceptible to denting, crushing and corrosion. Plastic vents are also lighter than metal vents, allowing for easy handling.

## 6. Do Duraflo PROVentilator and PROTurbo roof vents have moving parts?

No. The Duraflo PROTurbo and PROVentilator roof vents have no internal or external moving parts and are maintenance free. The unique baffle system deflects water and snow while harnessing wind energy to allow high airflow, all without moving parts.

## 7. Does the "whirling" of turbine vent increase attic ventilation?

The answer is yes. Increased wind velocity, increases the amount of air a turbine vent draws from the attic space assuming adequate intake vents on the soffit. This is a function of the design and is a result of creating a low pressure, as wind pass over the vent.



## 8. Can this same low pressure condition (referenced above) be created without the use of a turbine?

- a. The answer is yes. The PROTurbo is designed to effectively increase airflow out of the attic as wind speed increases.
- b. **NOTE:** On days where there is little or no wind, both vents, of equal size, allow similar adequate air exchange.

## 9. What is WeatherPRO technology?

The WeatherPRO technology includes unique internal baffles that provide superior attic ventilation and excellent defense against weather infiltration. The baffle system deflects snow and rain and allows moisture to drain out of the roof vents, while still maintaining high volume airflow.

## 10. Why are Duraflo PROVentilator and PROTurbo roof vents being brought to market?

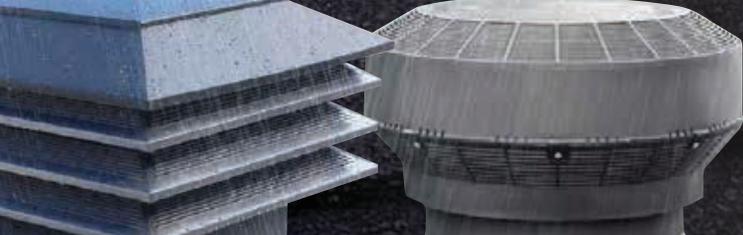
- a. The Duraflo PROVentilator and PROTurbo roof vents provide roofing contractors with a functionally superior roof vent that serves as a key tool to help solve roof ventilation challenges, no matter the roof pitch, attic size or climate.
- b. The Duraflo PROVentilator and PROTurbo can be used on a variety of shingled roof lines and designs, with a roof pitch range of 3/12 to 12/12. The vents also have wide applicability across climates, with both UV protection and cold impact resistance up to -40 degree Celsius.
- c. The vent's superior ventilation and weather protection prevent moisture damage, which reduces call-backs, thereby helping to protect the roofer's reputation and referral network. The large net-free area also means fewer vents need to be installed, reducing total roof vent installation time and creating a more visually appealing roof line.

## 11. Where have the Duraflo PROTurbo and PROVentilator roof vents been used and what have the results been?

- a. Duraflo PROTurbo and PROVentilator roof vents have been installed across North America and have proven performance in climates with significant rain, snow and wind. The unique internal baffles deflect snow and rain and allow moisture to drain out, while still maintaining high volume airflow.
- b. The PROTurbo and PROVentilator are CSA and Miami Dade County approved, having passed the Miami Dade County TAS No. 100(A)-95 110mph/177kmh wind driven rain test. The durable, pure, high-grade polypropylene allows the roof vents to resist denting, crushing, corrosion, extreme heat and condensation. The vents are also cold impact resistant to -40 degrees Celsius, ensuring the vent upholds its superior performance in cold climates.

## 12. How easy is it to install Duraflo PROVentilator and PROTurbo roof vents?

- a. Duraflo PROTurbo and PROVentilator roof vents are lightweight and fully assembled. The one-piece design includes molded in screw guides to help secure the vent position quickly and accurately. The built-in Easy Level System includes centralized pivot points, built-in adjustment tabs and pitch stops for quick and simple installation and leveling.
- b. Detailed installation instructions can be found at [http://proventilator.com/instal\\_instructions.htm](http://proventilator.com/instal_instructions.htm)

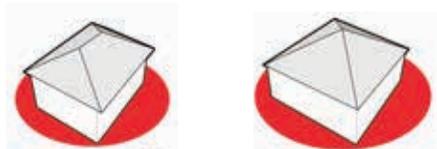


### 13. What types of roofs can Duraflo PROVentilator and PROTurbo roof vents be installed on?

- a. Duraflo PROTurbo and PROVentilator roof vents are designed and tested with sloped, shingled roof types in mind. Duraflo PROTurbo and PROVentilator roof vents can be installed on shingled roofs with a roof pitch range of 3/12 to 12/12.
- b. The Duraflo PROVentilator is available in a one, two and three tier model, providing between 48 to 130 square inches of net free venting area. The Duraflo PROTurbo has a net free venting area of 117 square inches.

### 14. Are there certain types of roofs where tall vents are the only solution?

- a. On a hip roof where there is a limited amount of space to work with, a tall vent is the best solution to provide adequate ventilation. The large net-free area of the tall vent means fewer vents need to be installed. If more than one vent needs to be installed on a hip roof, ensure the vents are not directly across from each other.
- b. Examples of hip roofs have been noted below for reference.



### 15. Can Duraflo PROTurbo and PROVentilator roof vents be installed in cold weather?

Yes. The vents are injection molded from high-grade, engineered polypropylene material, which is cold impact resistant to -40 degrees Celsius.

### 16. Are Duraflo tall vents available in different colours?

Yes. Both the Duraflo PROTurbo and PROVentilator roof vents are available in black, brown, grey and weatherwood, allowing roofers to select the most aesthetically appealing colour at no extra cost. All models and colours are made from the same high-grade polypropylene and provide the same superior attic ventilation and defense against weather infiltration.

### 17. How do Duraflo PROVentilator and PROTurbo roof vents compare to other roof vents price-wise?

- a. Duraflo PROVentilator and PROTurbo roof vents are comparable in price to other roof vents, such as pot vents, ridge vents and whirly vents.
- b. The large net-free area of the Duraflo PROVentilator and PROTurbo roof vents means fewer vents need to be installed, reducing the number of holes that need to be cut in the roof and as a result, reducing total roof vent installation time. For example, a 1000 square foot area would require only one Duraflo PROTurbo vent instead of four ridge vents or five pot vents. Therefore, the total required investment in roof vents can be reduced due to the large net-free area of the Duraflo PROVentilator and PROTurbo roof vents.

### 18. Where can I purchase Duraflo PROVentilator and PROTurbo roof vents?

Duraflo PROVentilator and PROTurbo roof vents can be found at roofing wholesale suppliers and building material retailers throughout the U.S. If the product is not available at your local supplier, please call **1-800-463-9572**.