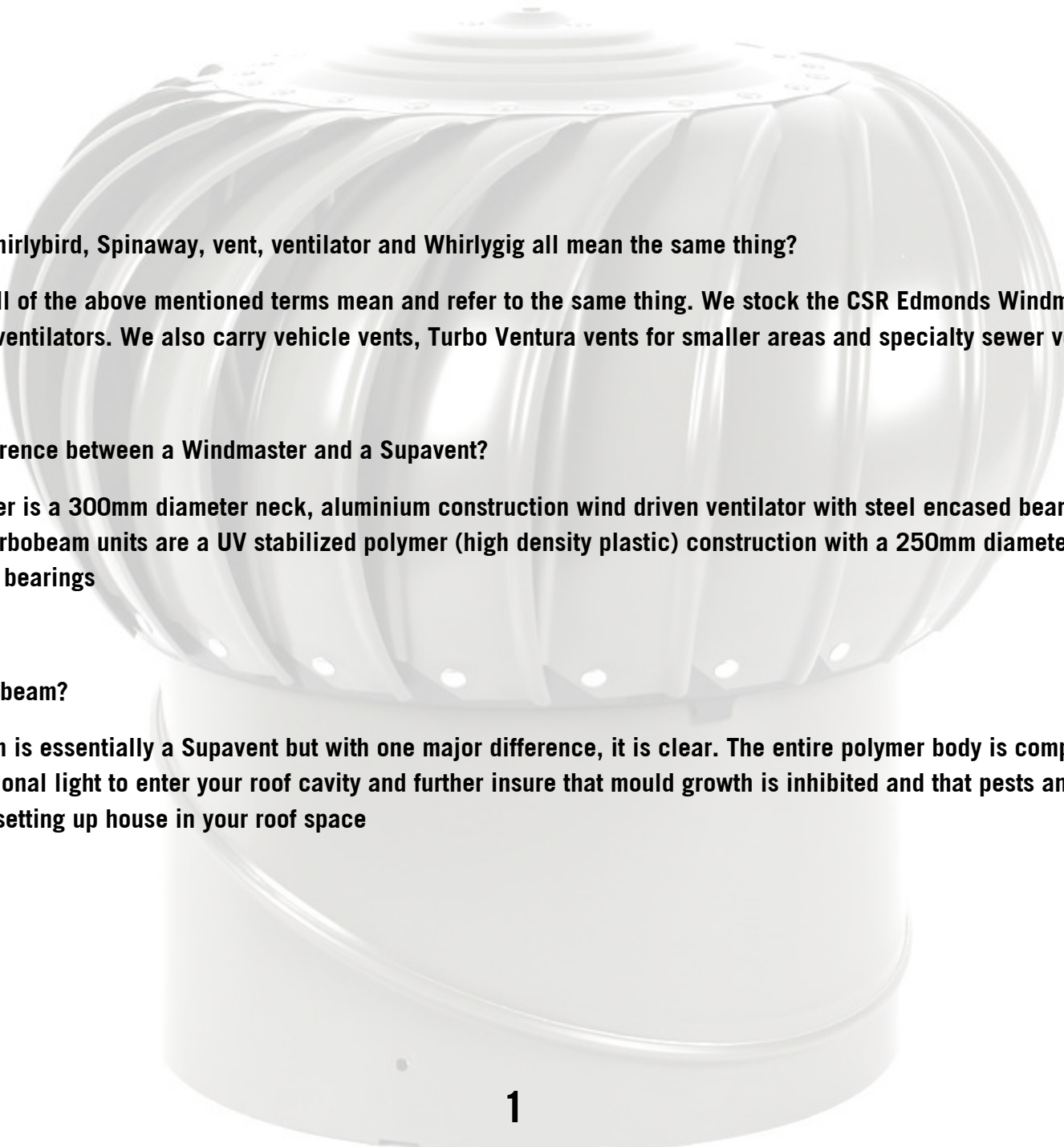




Ventilators: What You Need To Know

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- 1) Do the terms Whirlybird, Spinaway, vent, ventilator and Whirlygig all mean the same thing?

Yes they do. All of the above mentioned terms mean and refer to the same thing. We stock the CSR Edmonds Windmaster, Turbobeam and Supavent ventilators. We also carry vehicle vents, Turbo Ventura vents for smaller areas and specialty sewer vents. Just ask

- 2) What's the difference between a Windmaster and a Supavent?

The Windmaster is a 300mm diameter neck, aluminium construction wind driven ventilator with steel encased bearings. The Supavent & Turbobeam units are a UV stabilized polymer (high density plastic) construction with a 250mm diameter neck with stainless steel bearings

- 3) What is a Turbobeam?

The Turbobeam is essentially a Supavent but with one major difference, it is clear. The entire polymer body is completely transparent allowing additional light to enter your roof cavity and further insure that mould growth is inhibited and that pests and vermin are deterred from setting up house in your roof space



4) How many units would the average house need?

Most houses generally require two ventilators depending on the shape of the property, the ceiling pitch, roofing materials and the number of available air intakes. Windmaster, Turbobeam and Supavent models will all comfortably work on 90m² of ceiling space. Anything above 90m² will then put you into a position where two units will be required

5) How much to supply and install?

Provided that there is nothing out of the ordinary about your property we will generally work on the rates listed in the table below. Different property configurations can sometimes force the unit to be positioned or placed further down the roofline where back flashing is required in order to maintain a watertight/weatherproof finish, in this case it is prudent to allow an extra \$50.00/lineal metre for the supply and installation of back flashing, in most cases 1.5 to 2.0 lineal metres would be required but this can vary

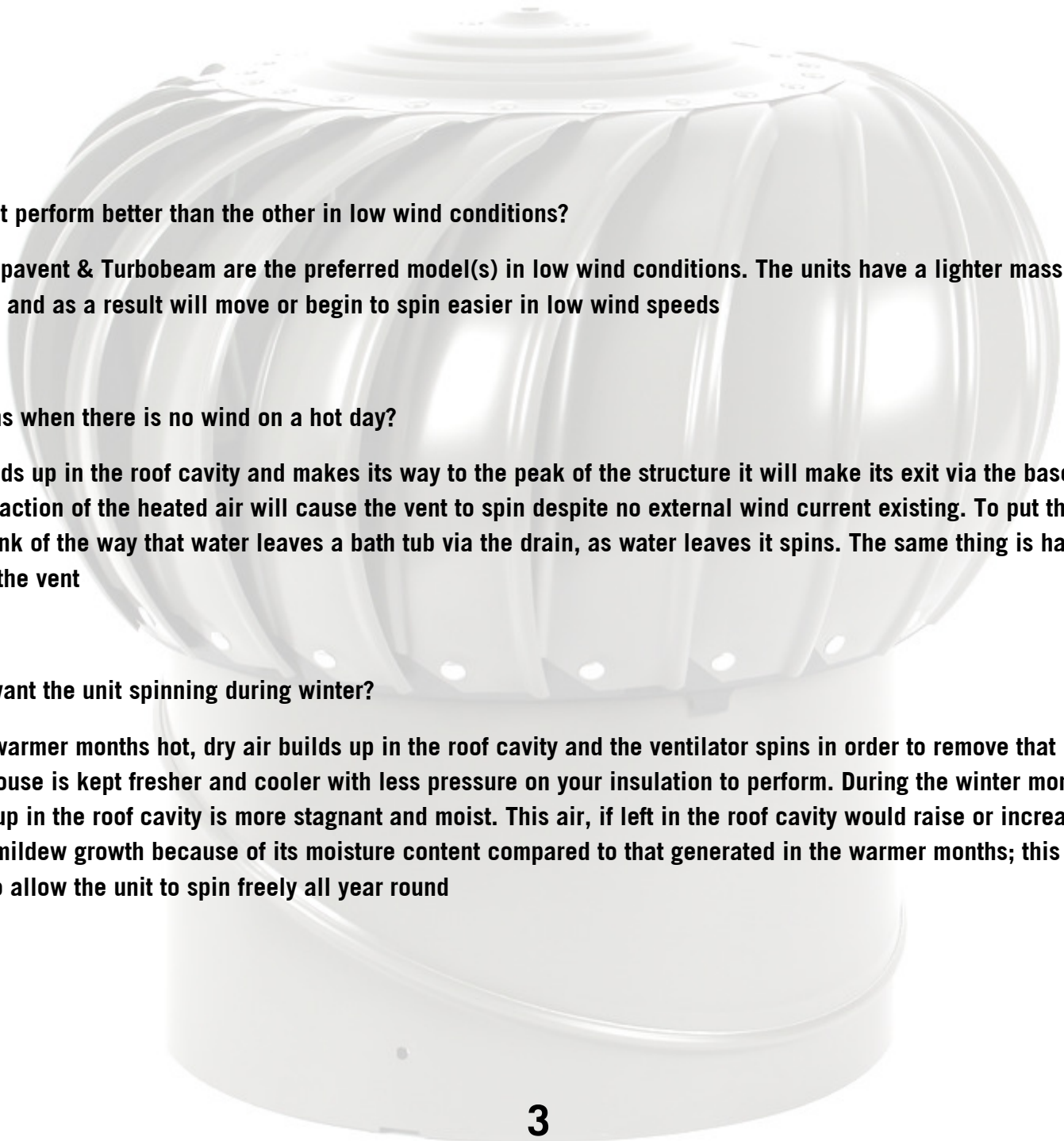
Model	Purchase only price ^{\$}	Supply & Install Price ^{\$}	Additional unit(s)** ^{\$}
Windmaster (Mill) 300mm	\$72.60	\$215.00	\$205.00
Windmaster Coloured 300mm	\$99.00	\$235.00	\$225.00
Supavent 250mm	\$118.30	\$250.00	\$240.00
Turbobeam 250mm	\$104.50	\$250.00	\$240.00
Under Eave Vents ^Ω	\$7.15	\$55.00	N/A
Colourbond Back Flashing	N/A	\$50.00/Lineal Metre	N/A
Downjet Diffuser (150/200/250mm)	\$33.00	\$75.00	N/A

** = Additional unit pricing will only be valid when installed on same roof as original purchase

^{\$} = \$AUD including GST

^Ω = Insulation Industries will not install/work on any properties with asbestos irrespective of its condition. If the installer believes that the risk of asbestos is present they will reserve the right to leave the job site without notice





6) Does one unit perform better than the other in low wind conditions?

Yes. The Supavent & Turbobeam are the preferred model(s) in low wind conditions. The units have a lighter mass than the Windmaster and as a result will move or begin to spin easier in low wind speeds

7) What happens when there is no wind on a hot day?

As heat builds up in the roof cavity and makes its way to the peak of the structure it will make its exit via the base of the ventilator. The exiting action of the heated air will cause the vent to spin despite no external wind current existing. To put this into a practical example think of the way that water leaves a bath tub via the drain, as water leaves it spins. The same thing is happening here with the air and the vent

8) Why would I want the unit spinning during winter?

During the warmer months hot, dry air builds up in the roof cavity and the ventilator spins in order to remove that build up and as a result the house is kept fresher and cooler with less pressure on your insulation to perform. During the winter months however the air that builds up in the roof cavity is more stagnant and moist. This air, if left in the roof cavity would raise or increase the incidence of mould and mildew growth because of its moisture content compared to that generated in the warmer months; this is why it is advisable to allow the unit to spin freely all year round



09) What is an under eave vent?

An under eave vent is a grille that measures approximately 400mmX200mm and as the name suggests is fixed to the underside of the properties eave(s). When fitted to a property these vents encourage or facilitate fresh air to enter or to be drawn into the roof cavity and help displace the stagnant air more efficiently. Although not entirely necessary to the system they do help the ventilator unit perform more efficiently in tin/Colorbond® roof situations. Tile roofs tend to breathe better by design so the inclusion of these grilles is not always necessary

10) How many under eave vents will I need?

We suggest four under eave vents per ventilator placed at regular intervals around the property's perimeter. These are installed at the tradespersons discretion. Older style houses present the risk of the construction materials containing asbestos and as a result the decision to work on or cut building materials is solely at the discretion of the installer. Units can however be purchased for \$7.15ea (incl.GST). Stainless steel grilles made to comply with BAL codes and bushfire zones are also available

11) What colours are available?

Windmaster ventilators are available in the Colorbond® range of colours; ask our staff for colour samples. Windmaster ventilators are also available in mill (silver) finish. Supavent ventilators available in limited Colorbond® selections- Ask staff for details



12) What warranty does each unit come with?

Each unit comes with a 15 year standard parts warranty. An optional 15 year labour warranty can be purchased at the time of purchase for an additional \$30.00 (incl.GST). If you purchase multiple vents on the same day, the purchase of only one labour warranty is necessary to cover your purchases

13) What is a Spark Guard or Spark Arrestor?

A spark guard or spark arrestor is a stainless steel mesh circle that fits to the throat of the Windmaster, Turbobeam or Supavent to prevent burning embers from entering the neck of the unit and making their way into your roof cavity and creating a potential fire hazard

14) How much slower will a unit perform with a spark guard fitted?

According to the manufacturer, spark guards and arrestors will impede the unit's capacity to perform by roughly 30%*

15) What wind speed is each model designed to withstand?

Supavent and Turbobeam units are tested to withstand wind speeds of 205.2km/hr, whilst the Windmaster is capable of handling 158.4km/hr winds. For cyclone prone areas there are units that meet DTC (Darwin deemed to comply) standards on roof lines four metres above ground level



16) Can I specify where I want the unit installed?

You can. Our installer will advise you on the best location or placement of each unit in order to get the most out of your investment. Although at the end of the day the positioning of each unit is up to you

17) Can I have the ventilator work on just one room?

This is possible. From time to time clients will ask that we install a ventilator and connect it to a grille or diffuser via a length of flexible ducting (a.k.a nude duct) so the ventilators primary focus can be on one room of a property rather than the entire ceiling cavity

18) I have a Cathedral ceiling, what are my options?

Cathedral ceilings can still have ventilators fitted; the procedure is slightly different to the standard pitch roof installation in that a Downjet vent needs to be fitted to the underside of the ceiling in order for it to be effective and in some cases connected by a section of Nude Flex. This does incur a higher installation rate. These jobs are priced on application

19) Do I need to be home when the units are being installed?

Most of the time you do not need to be present as the work is almost always able to be done externally. Cathedral ceilings and the instances where under eave vents are being installed require someone to be at home, as a result of this lead times can vary. If you do wish to be present during an installation let our sales people know as this will effect lead times to installation

***=Generally accepted figure**

