

Title: Ridge-blade-wind-turbine

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What is a Ridgeblade wind turbine?

The Ridgeblade wind turbine is a long-bladed turbine designed to fit along the ridge of a roof, where wind currents are strongest. It has the wind-capturing potential of a medium-sized turbine, packing a powerful punch. Instead of creating a free-standing turbine that sticks out for all the neighbors to see, The Power Collective designed this turbine to blend in.

Can Ridgeblade be used in wind tunnels?

The Ridgeblade has been successfully tested in over 100mph winds in both wind tunnel and installed locations. The low-profile, self-regulating and "planning-friendly" design features make Ridgeblade ideal for commercial and urban areas that often produce turbulent winds.

What is a RB1 residential wind turbine?

The RB1 Residential is a compact, lightweight and quiet wind turbine ideal for residential applications. The RB2 Commercial is a modular, high output and low profile wind turbine ideal for commercial applications. The Hybrid Solar Units have all of the benefits of the base Ridgeblade turbines, with the added output of solar PV systems.

What is Ridgeblade?

The Ridgeblade adopts an entirely new design philosophy and addresses many of the drawbacks associated with Solar PV and traditional wind turbines. Using the existing surface area of a pitched roof, the Ridgeblade collects and focuses the prevailing wind harnessing the Aeolian wind focus effect.

The unique design of Ridgeblade allows for consistent power generation even in turbulent wind conditions. The Ridgeblade uses advanced aerodynamics to prevent noise in operation, and is ...

The Hybrid Solar Units have all of the benefits of the base Ridgeblade turbines, with the added output of solar PV systems.

The HH140 Concrete Wind Turbine represents a pinnacle of innovation in renewable energy technology. Engineered for efficiency and durability, this ridgeblade wind turbine features a robust concrete ...

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wind harnessing the Aeolian wind focus effect. This is where the wind is forced to ...

Rooftop solar panels are unlikely to elicit complaints from neighbors--they're silent and relatively unobtrusive. But loud rooftop wind turbines? That's where the virtually NIMBY-proof ...

Roof mounted wind turbine RB1 Residential. The RB1 is the smaller, domestic version of the RidgeBlade® and has been designed to produce electricity in a wide range of wind conditions ...

Just last week we covered SRS Energy's Solé Power Tiles, which disguise solar panels as clay roof tiles. Now a similarly unobtrusive solution for cloudier climes is on the horizon. RidgeBlade ...

20kw Ridge Blade Wind Turbine with Dual Voltage 220V/380V, Corrosion-Resistant Coating for Rural Microgrid Wind Turbine, Find Details and Price about Ridge Blade Wind Turbine ...

Choosing the right ridge blade wind turbine involves more than just technical specifications--it requires a holistic understanding of your environment, energy needs, and long-term ...

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