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## Perfect visibility with no heating wires – the climate windscreen from Volkswagen

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- Clever windscreen with conductive layer of silver provides the required heat in winter
  - Heated wire-free windscreen available to order for numerous Volkswagen models
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Wolfsburg – Winter is here and every morning many motorists thus face the same problem: a frozen windscreen. Neither ice scraper nor de-icing spray provides the perfect solution. Volkswagen is offering a genuine alternative with the climate windscreen. It heats up without the use of any filament wires, thus providing perfect visibility. Any renewed misting or icing up is also prevented.



Thanks to the climate windscreen quickly free of ice

very low, the fine metal wires can, however, become visible to the driver.

Heated windows are not a new invention in vehicle manufacturing. For decades, fine filaments inserted into the glass as an optional extra have been preventing windows from misting up and ensuring that any layer of ice quickly thaws. When facing oncoming evening traffic, in particular, or when the sun is

With the climate windscreen, Volkswagen has found an excellent solution for perfect visibility. In this wire-free system a wafer-thin electrically conductive layer of silver within the laminated glass provides the required heat by converting electric current. Consuming no more than 400 to 500 watts, the window quickly warms up and thus becomes a defrosting aid. Within the bottom section of the windscreen, invisible from the outside, there are also filaments that act as windscreen wiper heaters to prevent the wiper blades from freezing to the glass. Volkswagen is offering the wire-free heated and infrared-reflecting windscreen as an optional extra for the Golf, Golf Sportsvan, Tiguan, Sharan, Passat and Passat Variant models. Prices start at €340, depending on model.

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However, it is not only during the cold winter months that the innovative windscreen is a help. In the summer, the thin layer of silver acts as a passive heat shield. As it reflects up to 60 per cent of the summer heat, it is able to reduce the inside temperature by up to 15 degrees more than conventional glass with green tinting. As a result, the air-conditioning system is able to cool a car that has been parked in the sun down to a comfortable temperature much more quickly.

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**About the Volkswagen brand: "We make the future real"**

The Volkswagen Passenger Cars brand is present in more than 150 markets throughout the world and produces vehicles at over 50 locations in 14 countries. In 2016, Volkswagen produced about 5.99 million vehicles including bestselling models such as the Golf, Tiguan, Jetta or Passat. Currently, 218,000 people work for Volkswagen across the globe. The brand also has 7,700 dealerships with 74,000 employees. Volkswagen is forging ahead consistently with the further development of automobile production. E-mobility, Smart mobility and the digital transformation of the brand are the key strategic topics for the future.

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