

Schwank Burner

Whisper-Jet

A Premier Class Burner

The Whisper-Jet: The new burner technology



- Quiet
- 2-stage
- Comfortable
- High Quality

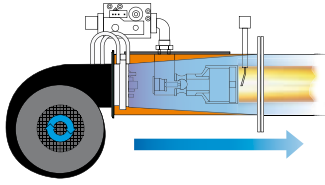
Schwank
INNOVATIVE HEATING SOLUTIONS



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Everybody knows that a passenger car will never reach the premier category class if it doesn't have a perfect engine. This is the same for tube heaters. The central feature, the Schwank burner, is the result of permanent development and more than 75 years of experience.



Not a sucking, but blowing system: This is the result of continuous research, stringent long-term tests and the selection of high value materials. A blowing burner system mainly achieves **reliability**. By this, the most important burner components, such as the ventilator and ball bearings, are not exposed to the great heat or moisture of the exhaust air. This considerably increases the **lifetime** of the burner.



Long flame – high efficiency: This is another clear result of the optimised design and high grade components. The Schwank burner uses a **ceramic tile** to ensure the superior direction control of the flame. This panel, a proprietary Schwank development, uses coaxial flow control elements to create a very **long, laminar and axially straight flame**. This leads to an even transfer of heat to the tube, ensuring an outstanding distribution of the radiation heat, clean combustion and minimised energy loss. The improved energy efficiency reduces the **energy consumption**.



As Quiet as a Whisper: The position of the ventilator, the supreme motor bearings and the optimised flow properties of the burner make the system extremely quiet - as quiet as a **whisper**. This is especially important in buildings in which background noise can be disturbing, such as exhibition halls, car showrooms, galleries, special event locations, museums or similar premises.



First class 2-Stage: This technology, known from boilers, is now available for Schwank tube heaters. The 2-stage feature allows controlling the heat output according to the actual heat requirement. This is because it is not always best to heat at full throttle – heating economically **saves energy** and improves **heating comfort**. And the number of on/off switching cycles is reduced by up to 40%. The reduction in “cold starts” places far less strain on the material of the tube heaters. The result is a longer **lifetime**. The 2-stage unit is an optional feature (not available for novoSchwank).



Easy Maintenance: This burner is **very easy** to install and to service. Every burner before being delivered as a complete unit including the ventilator has been tested individually by the Schwank Quality department. Assembly and adjustment is therefore not necessary. Maintenance work is very fast, all wearing parts are directly accessible, and therefore can be replaced quickly if necessary – this keeps maintenance costs low.

The new burner technology from Schwank is used in all Schwank tube heaters, ranging from 15 kW to 60 kW, operated with natural gas or LPG.

Schwank – A Powerful Brand:

- Worldwide market leader
- Inventor of infrared-gas heaters
- Over 75 years of experience and innovation
- Over 1 million heating units supplied and more than 150,000 satisfied customers
- Made in Germany

Schwank – Reliable Service:

- Professional project consulting and project planning
- Neutral system comparison and energy cost calculation
- Installation, commissioning and service

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