



Solutions Portfolio.

Innovative heating & cooling solutions

Industry | Commerce | Logistics



We believe that the most crucial element in providing superior heating and cooling solutions is dedication – dedication to designing and crafting solutions that won't let you down. Couple that with the highest radiant efficiency that is known to us and "Made in Germany" quality and you will realize that owning a Schwank heating system is a comforting experience with a quick payback. We don't settle for anything less.

Each Schwank heating system is made from only the highest-grade materials that are chosen for their durability in order to withstand a long lifetime of operation. Call us picky if you want, but before a single heater leaves our factory, it is thoroughly tested and inspected to make sure it meets our rigorous standards and is worthy of the Schwank name.

Our customers appreciate our values and have made us what we are today. That's how we have evolved from being the pioneer of radiant heating systems to being a global market leader.

F. Gellert *Schwank*

Prof. Dr.
Friedhelm Schlöber

Oliver Schwank





Schwank Solutions

World market leader

More than two million units sold in over 40 countries worldwide speak for themselves. Schwank is world market leader in the field of gas-fired infrared heating solutions. For our customer this means highest quality standards, global availability with factory support and continuous investments in R&D.

German Quality

All our core products are engineered and manufactured in Germany. That way we can guarantee highest levels of quality and longevity and thereby lasting efficiency and comfort.



Schwank subsidiaries in:

Germany [HQ], Austria, Benelux, Canada, China, Czech Republic, Great Britain, Poland, Romania, Russia, USA





Global Leadership

Full modulation as standard

In order to ensure that the desired target temperature is reached under all conditions, a heating system is always designed on the basis of the local minimum temperatures. However, these rarely occur, so that the heating system is oversized on 85% of all days and can therefore be operated at partial load.

This is the reason why fully modulating systems are the best way to heat industrial facilities, because only this way the output can be adapted to the actual heat demand. While conventional burners, with only one output stage, try to achieve this adaptation by a simple ON/OFF switching, Schwank heating systems operate fully modulating.

In order to do so, the gas input and the air input are adapted dynamically to the actual heat demand. This way the energetically most efficient combustion is ensured. Clean. Efficient. Sustainable.

Advantages of fully modulating systems

- The adaptation of gas and combustion air to the actual heat demand increases overall energy efficiency.
- The product life time is significantly extended due to the reduced switching cycles.
- Before ignition, "rinsing" with air is avoided. This can reduce unnecessary heat losses.
- The minimised switching cycles reduces the formation of pollutants that occur during the start process.





Tube Heaters



deltaSchwank - the future solution

- Up to 99% seasonal efficiency [1260U]
- Up to 83,4% radiant efficiency due to the FERAN reflector [1260U]
- Full modulation as standard
- ModBus interface for improved controllability and connectivity
- Up to 55% less NO_x and 20% less CO₂



calorSchwank - the premium solution

- Outstanding economic viability: up to 87,4% seasonal efficiency [50/M+ L]
- Up to 71,4% radiant efficiency [50/M+ L]
- Full modulation
- ModBus interface for improved controllability and connectivity



infraSchwank - the industrial standard

- Outstanding economic viability: up to 82,7% seasonal efficiency [50/M+ L]
- Up to 60,2% radiant efficiency [50/M+ L]
- Full modulation
- ModBus interface for improved controllability and connectivity

Luminous Heaters



Efficiency concept - **evoSchwank+**

With our concept model evoSchwank+ we redefine the limits of efficiency and set standard in the field of the luminous heater technology.

85% radiant efficiency, less than 16 mg/kWh NO_x and a huge modulation range result in a seasonal efficiency value beyond 100%.



supraSchwank - the premium solution

- Up to 99,1% seasonal efficiency [30/M]
- FERAN reflector: up to 82,4% radiant efficiency [30/M]
- Full modulation as standard
- ModBus interface for improved controllability and connectivity
- Increased radiant factor thanks to full insulation



primoSchwank - the industrial standard

- Up to 95,0% seasonal efficiency [40/M]
- Up to 72,9% radiant efficiency due to the FERAN reflector [40/M]
- Full modulation as standard
- ModBus interface for improved controllability and connectivity





tetraSchwank - condensing technology

- Up to 110% overall efficiency
- Utilisation of free heat in the exhaust gases of the Schwank tube heater systems
- Faster amortisation
- Operation with ambient air or fresh air possible



hybridSchwank - heat recovery solutions

- Up to 110% total efficiency
- Up to 50% lower energy costs
- Reduction of operational time for connected secondary heating systems
- Sophisticated control technology for integration into the building management systems



SchwankAir - Warm air units

- Compact design
- Fresh air or ambient air operation with duct system
- Applicable in small or low facilities



SchwankAir - Air curtains

- Reduction of operational hours of heating systems
- Significantly less energy losses through open gates
- Avoidance of uncomfortable drafts and thereby air exchanges



lunaSchwank patio heating

- Design solution for gastronomy and patios
- Increased corrosion protection thanks to enamelled surfaces
- WindSecure system for safe operation even in difficult weather conditions
- Two-stage operation as standard
- Proven Schwank burner technology



Gas heat pumps

- Heating and cooling with one system
- 50% lower operational costs thanks to gas fired engine
- Use of free environmental heat
- Avoidance of additional costs for such as transformer systems.



Cogeneration units

- Heating and electricity supply with one system
- Independent electricity supply with quick response times
- Low CO₂ emissions
- Quick amortisation due to low investment costs and gas fired engine



SchwankControl Touch - control technology

- Transparent recording and analysis of all important information regarding status, consumption and performance of each individual heater.
- Intuitive operation thanks to user interface and touch display
- Global monitoring





Schwank
Heating. Cooling. Systems.



Germany [HQ]
Schwank GmbH
Bremerhavener Str. 43
50735 Cologne
Tel.: +49-[0]221-7176 - 0
info@schwank.de
www.schwank.de



Great Britain
Schwank Ltd.
Suite 21, 50 Churchill Square
Business Centre
Kings Hill, West Malling
Kent, ME19 4YU
Tel.: +44 [0]208-641 3900
sales@schwank.co.uk
www.schwank.co.uk



USA
Schwank USA, Inc.
2 Schwank Way
Waynesboro, GA 30830
Tel.: +1-877-446-3727
csr@schwankgroup.com
www.schwankgroup.com



Canada
Schwank Ltd.
5285 Bradco Blvd.
Mississauga, Ontario, L4W 2A6
Tel.: +1-877-446-3727
csr@schwankgroup.com
www.schwankgroup.com



Benelux
Schwank BV
Vaart 7A
4206 CC Gorinchem [NL]
Tel.: +31 [0]183-766050
schwank@schwank.nl
www.schwank.nl



Poland
Schwank Polska Sp.z.o.o.
ul. Wyzwolenia 27
43-190 Mikołów
Tel.: +48 - 32 - 201 05 58
info@schwank.pl
www.schwank.pl



Russia
AO SibSchwank
Veteranov Truda 60 / 3
625059 Tyumen
Tel.: +7-34 52-388-865
sibschwank@sibschwank.ru
www.sibschwank.ru



Romania
Schwank SRL
bd. 9 Mai nr. 21, bl. B11/43-44
610127 Piatra Neamt
Tel.: +40-233-22 69 66
schwank@schwank.ro
www.schwank.ro



Austria
Schwank GesmbH
Hetmanekgasse 1b / 3
1230 Vienna
Tel.: +43 [0]1-609 1320
office@schwank.at
www.schwank.at



Czech + Slovak Republic
Schwank CZ, s.r.o.
Nám. Republiky 1
614 00 Brno
Tel.: +420-545-211 530
info@schwank.cz
www.schwank.cz

