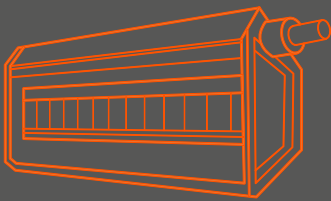
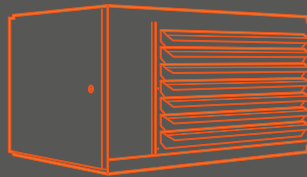


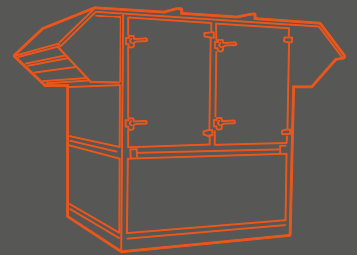
Tube Heaters



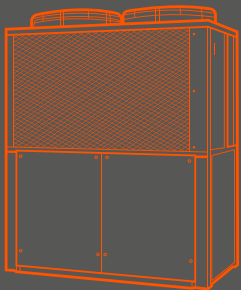
Luminous Heaters



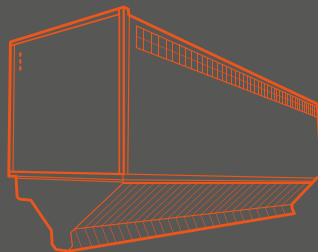
Warm Air Heaters



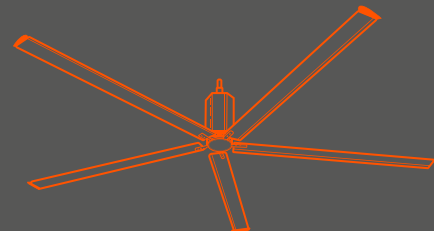
Air Handling Units



Electric Heat Pumps /  
Gas Heat Pumps



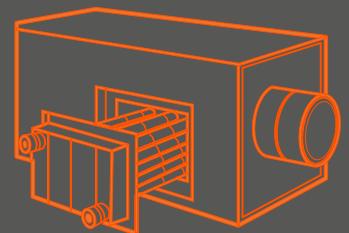
Air Curtains



MonsterFans

## Professional Heating Solutions & Climate Systems

Industry | Commerce | Logistics



Condensing Technology

# Heating & Climate Systems for the Industry, Commerce and Logistics

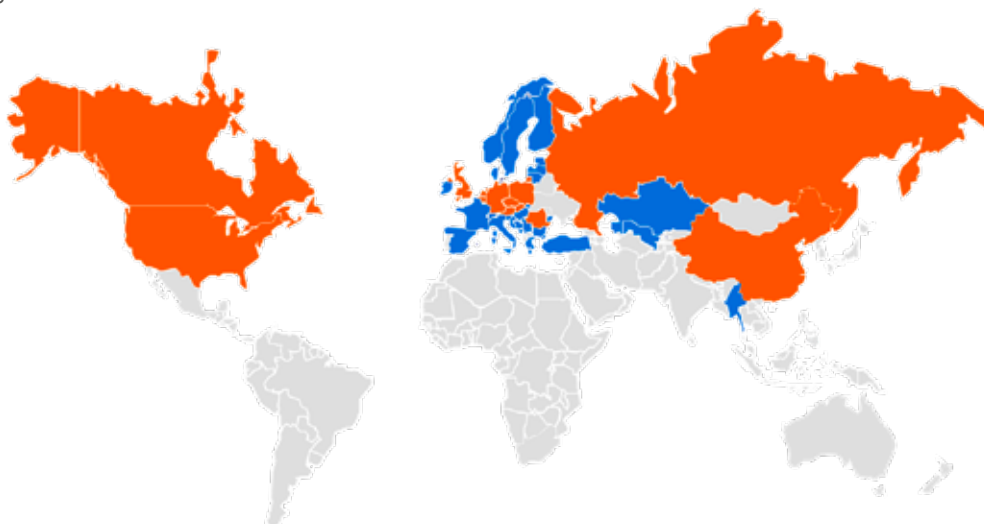
---



As a family-owned and worldwide operating company Schwank offers customised and turnkey solutions for commercial and industrial heating and climate systems. With around 2.5 million installed devices in over 40 countries,

Schwank is the world market leader in the sector of gas infrared heaters and a leading supplier of climate and ventilation systems.

- Subsidiaries
- Partners



## → Our Portfolio:

### Tube Heaters



**deltaSchwank calorSchwank infraSchwank**

### Luminous Heaters



**supraSchwank primoSchwank**

### Gas Heat Pumps, Hybrid and Chillers



**Panasonic**  
heating & cooling solutions

### Air Handling Units



**aeroSchwank**

### Warm Air Heaters



**Schwank**  
warm air heaters

### Air Curtains



**SchwankAir A/H**

### MonsterFans



**MonsterFans**

### Control



**SchwankControl**

Schwank offers suitable solutions for almost every challenge: whether heating from a height of 55 m in a stadium, uniform heat distribution of over 50,000 m<sup>2</sup> of logistics space or temperature tolerances in sensitive production environments

of up to 1.5K. Our competence, especially in terms of efficiency, durability and comfort provides confidence.

Among others, Schwank is trusted by:



# Industrial Heating Systems

## Gas Infrared Tube Heaters

### deltaSchwank



- 99.1% seasonal efficiency\*
- 83.7% radiant factor\*\*
- 35 mg/kWh NO<sub>x</sub>
- Fully modulating as standard

### calorSchwank



- Up to 89.9%\* seasonal efficiency\*
- 70.8%\*\* radiant factor\*\*
- 132 mg/kWh NO<sub>x</sub>
- Fully modulating as standard

### infraSchwank



- 82.9% seasonal efficiency\*
- 60.2% radiant factor\*\*
- 133 mg/kWh NO<sub>x</sub>
- Fully modulating as standard

\* According to 2015/1188 at deltaSchwank 1260U, calorSchwank D20/M+U, infraSchwank D50/M+L

\*\* Measured according to DIN EN 416 at deltaSchwank 950U, calorSchwank D50/M+U, infraSchwank D50/M+L





# Industrial Heating Systems

## Gas Luminous Heaters

---

### supraSchwank



- 99.1% seasonal efficiency\*
- 82.4% radiant factor\*
- 95% thermal efficiency\*  
[calorific value Hi]
- Fully modulating as standard
- Clean combustion  
[NO<sub>x</sub>-emission = 13 mg/kWh]
- Full insulation
- Patented delta mixing chamber for preheating of gas-air mixture
- Combined radiation for high radiant factor
- Radiant grid

### primoSchwank

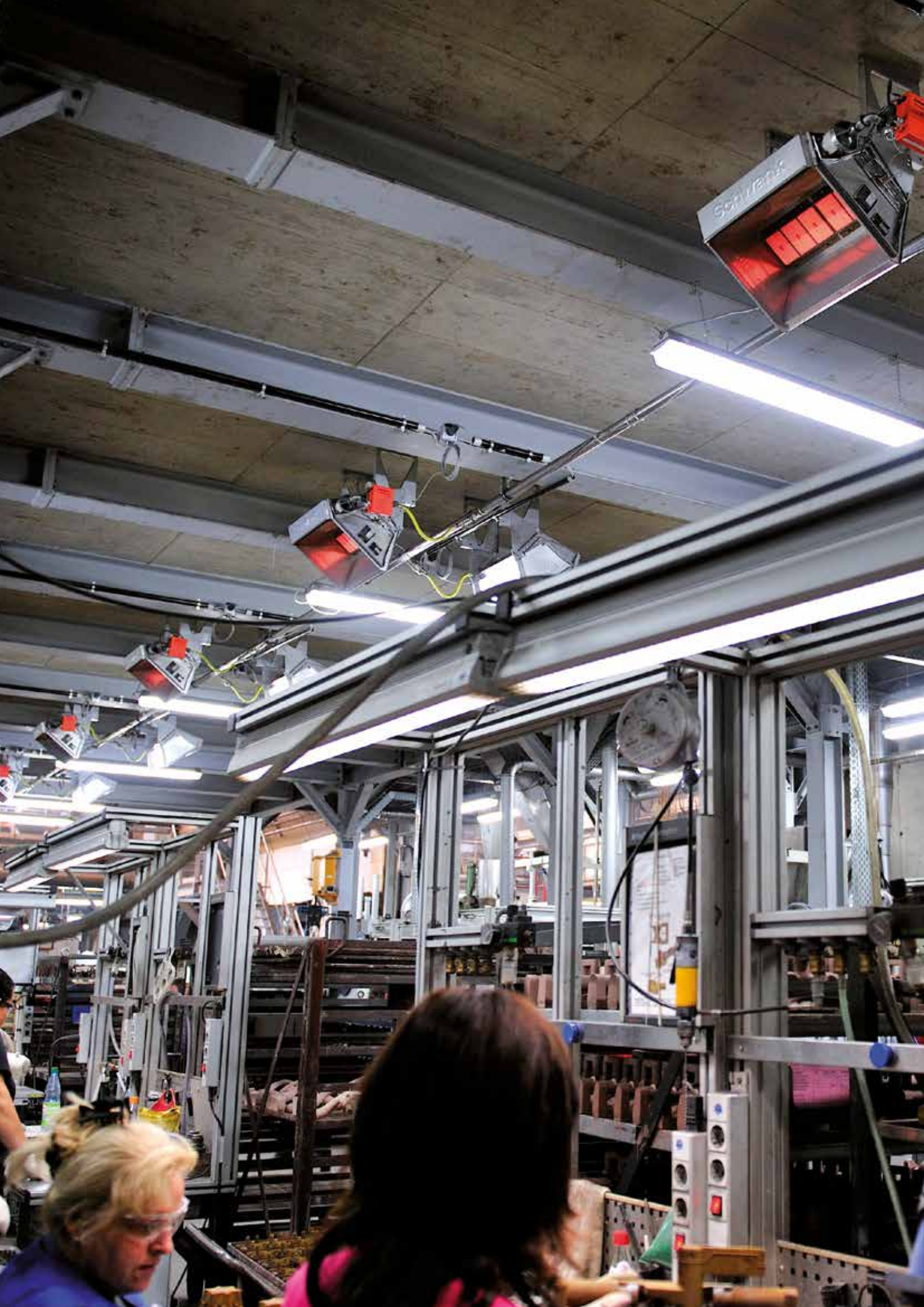


- 95% seasonal efficiency\*\*
- 72.9% radiant factor\*\*
- 95% thermal efficiency\*\*  
[calorific value Hi]
- Fully modulating as standard
- Clean combustion  
[NO<sub>x</sub>-emission = 13 mg/kWh]
- Patented delta mixing chamber for preheating of gas-air mixture

\* calculated according to European Commission Regulation 2015/1188 at supraSchwank 30/M.

\*\* calculated according to European Commission Regulation 2015/1188 at primoSchwank 40/M.





# Industrial Heating Systems

## Gas-fired Warm Air Heaters

---



The Schwank HR is a condensing unit air heater with axial fan which offers efficient heating solutions for industry and commerce combined with energy savings and excellent comfort temperatures.



The XR+ range is a gas fired warm air heater with a unique patented heat exchanger. The device is a cost-effective heating solution for industrial or commercial building. The XR+ heaters fully comply with the ErP 2021 regulations but have no need for a condensate drain.



The EH Series is an electric warm air heater that can quickly heat industrial or commercial buildings as itself or as additional heating. If you want to take maximum advantage of your own power generation from solar panels, the EH Series can also provide effective supplementary heating.



Schwank's TR series warm air heater is an indirect gas-fired unit air heater that is ideal for industrial applications. The Schwank TR industrial gas heaters are reliable and cost-effective and have all the features which are usually associated to heaters with high technical specifications.



Schwank WCU Series destratification fans provide an effective recirculation of the warm air in a room. Regulations requiring better insulation for industrial buildings has meant that less heating capacity is required to heat up a building.





# Compact Air Handling Units

- With high-efficiency heat exchangers [class H1]
- Electrical power consumption class P1

## aeroSchwank H-RI



- Designed for decentral set-up
- Highly efficient counterflow heat exchanger
- 4 sizes from 500 - 15,000 m³/h
- Weather-proven for outdoor installation
- Integrated roof base - one single duct

## aeroSchwank H-R



- Highly efficient counterflow heat exchanger
- 10 sizes from 500 - 15,000 m³/h
- Weather-proven for outdoor installation
- Extensive accessories, e.g., gas pre-mix
- modulation burner

## aeroSchwank H



- Highly efficient counterflow heat exchanger
- Flexible due to 10 sizes from 500 - 15,000 m³/h
- Numerous duct connection variants  
[lateral, top, bottom]
- Extensive accessories, e.g. gas pre-mix
- modulation burner





# Heat Pump Systems

---

## Heat Pumps



■ Gas Heat Pumps



■ Electric Heat Pumps



■ Chillers

## Transfer Systems

- Heat exchanger for energy transfer from the refrigerant circuit to a water based heating, cooling or sanitary water system



- DX-Kit for the integration of air handling units with refrigerant heat exchangers



## Indoor Units

- Duct units, wall units and ceiling units



- for water or refrigerant [VRF] systems







# MonsterFans [HVLS Fans]

---



- Creates pleasant air movement in summer
- Cost effective comfort for employees
- Destratification in winter [to reduce temperature stratification] in a building

# Air Curtains SchwankAir H/A

---



- Avoidance of heat loss and cold air; thereby reduction of energy costs
- Series A: ambient air curtain without air heating
- Series H: warm air curtain with gas-fired heating







# Heating Football Stadiums with Infrared Heaters



## Stadium Heating

- To increase comfort of spectators during cold months
- Targeted heating of the areas by 10K temperature difference
- Enables the use for additional events [concerts, etc.]
- Renowned international references trust Schwank Stadium heaters, among others





# Summer Flair at the Touch of a Button



## → Patio Heater **luna**Schwank



- Modern design gas infrared patio heater for all year-round use
- WindSecure system
- No loss of seating space due to space-saving mounting

# Controls

---

## SchwankControl Touch



- Control technology from Schwank
- Intuitive, self-explanatory through menu navigation
- Smart Factory - easy integration into the local network
- Possibility to connect to the Building Management System
- Real-time monitoring

## Predictive Maintenance\*



- Reading of diagnostic parameters
- Error analysis via remote access
- Early error detection
- Avoidance of unnecessary troubleshooting

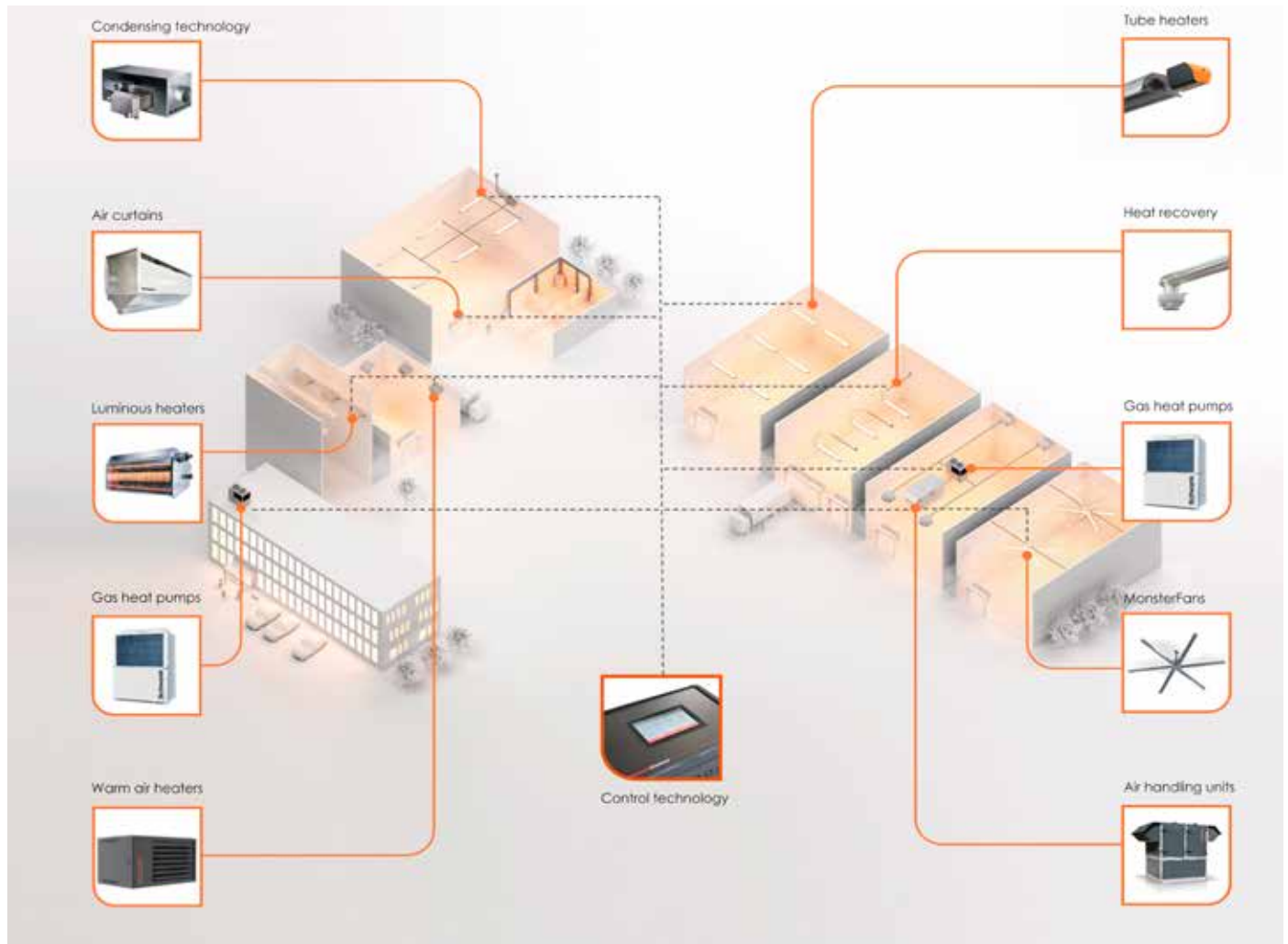
\* Requires SchwankControl Touch , local network integration and customer-approved remote access via internet.





# Industrial Heating and Climate Systems for the Industry, Commerce and Logistics

Schwank is a solutions provider. We plan and implement highly efficient turnkey solutions for our customers, and support the facilities throughout their entire life span.





→ **Innovative. Experienced. Competent.**

**Experience creates reliability.**

For decades, the name Schwank has been synonymous with high-quality and economical heating and cooling systems. As market leader for gas infrared heating systems, Schwank has extensive experience. More than 200,000 satisfied customers and more than 2.5 million manufactured units speak for themselves.

As a German manufacturer, we stand by our claim to deliver products and services of the highest quality. Each of our products guarantees an economical and CO<sub>2</sub> & NO<sub>x</sub>-minimised operation.



**United Kingdom**

**Schwank Limited**

Suite 3, 10 Churchill Square • Kings Hill, West Malling  
Kent ME19 4YU  
Tel.: +44-[0]20-8641 3900  
sales@schwank.co.uk  
www.schwank.de