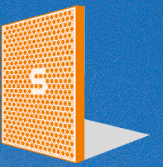


Schwank
INNOVATIVE HEATING SOLUTIONS



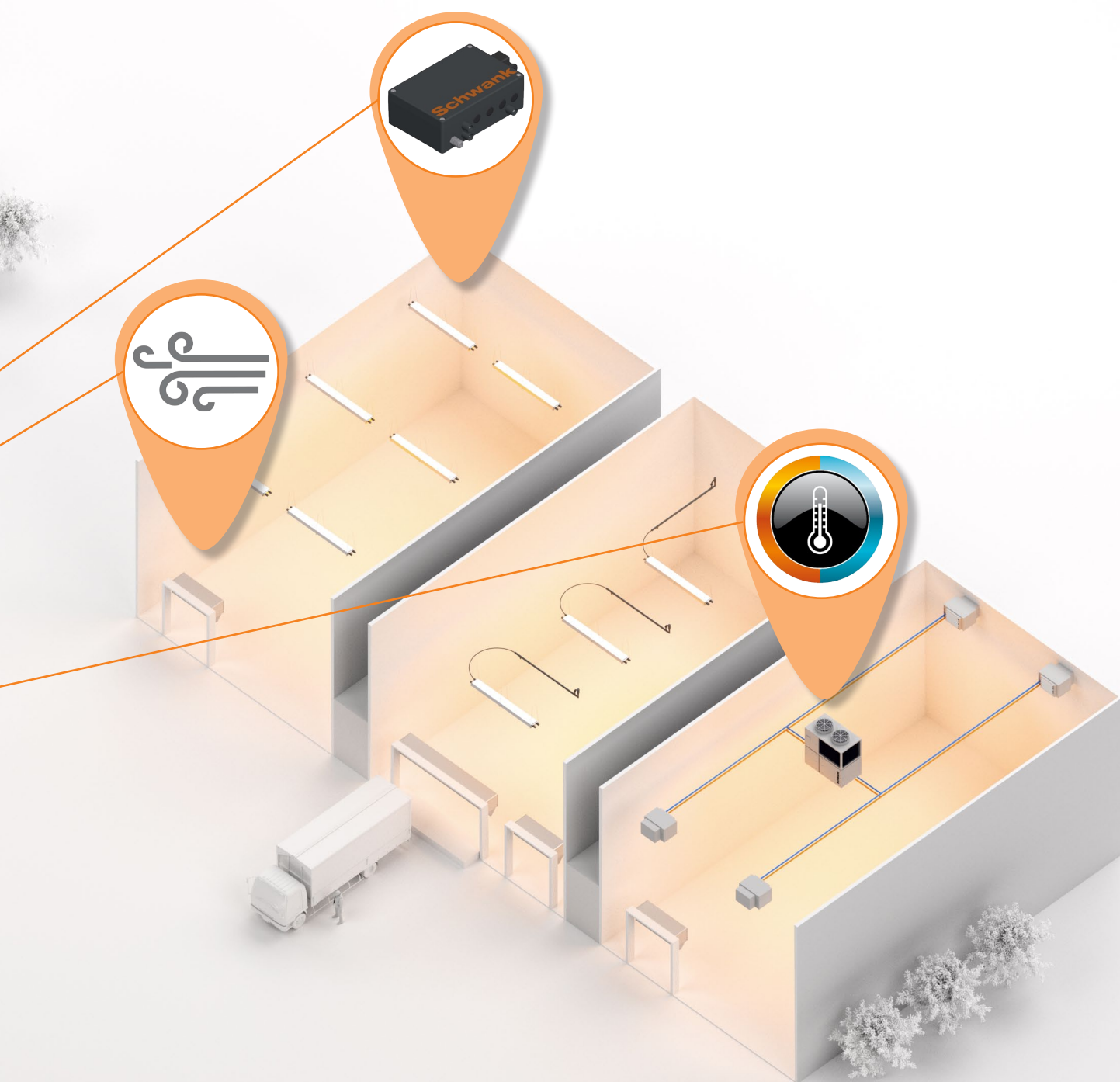
Schwank control technology.

**An integral system for
efficiency & connectivity.**

Made in Germany.







Schwank control technology

A system as if from one single cast.

All components of Schwank control technology are part of an integral system developed for Schwank heating and cooling systems.

For the application in industry and trade the system factors in complex climatical conditions of bigger interior landscapes considering human resources and technical components.



Einzigartig.

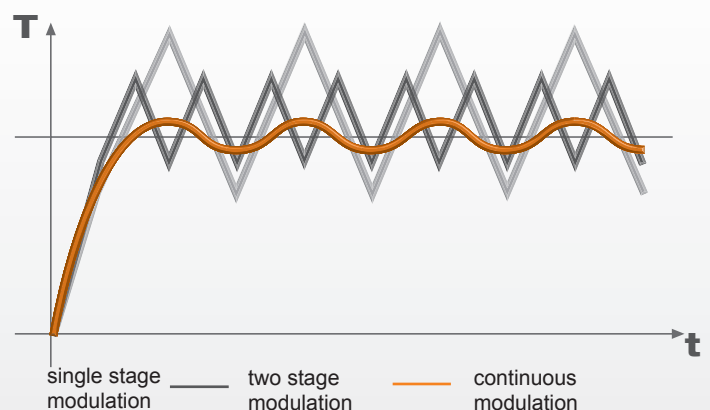


continuous modulation as standard

Every heating system is adjusted to the minimum outdoor temperature (depending on the location). Ensuring that the heating system even on colder days generates the demanded temperature means in practical terms: on the other days the heating system is oversized.

To avoid that, all Schwank heating systems are equipped with a continuous modulation. They adjust their power stepless to the actual demand of heat and save about 14% energy compared to single-stage modulating systems.

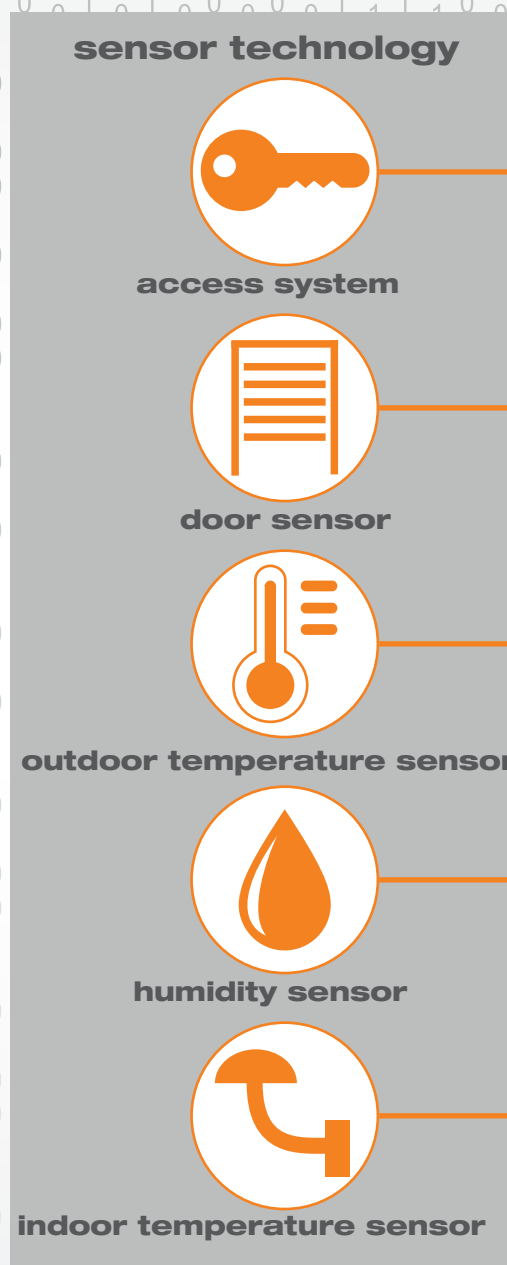
Schwank heating systems exceed the current and upcoming ERP guideline by adjusting the gas and air supply. The efficiency stays constantly high even in part-load range.



smartHeat - ModBus connectivity

Being equipped with an integrated ModBUS interface, Schwank luminous and tube heaters are adaptable to every kind of operation.

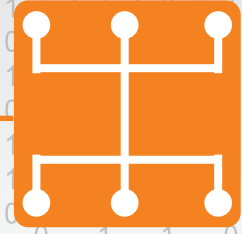
Thanks to the free control circuit classification the heating system can be adapted to different indoor conditions. In addition to that, the whole facility infrastructure can be connected to the system, which makes a precise control and higher efficiency possible.



SchwankControl Touch



Web Browser

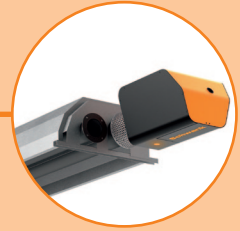


Building Management System

heating systems



luminous heaters



tube heaters



gas fired air heater



**IC 4000
automatic burner
control unit**



door air curtain



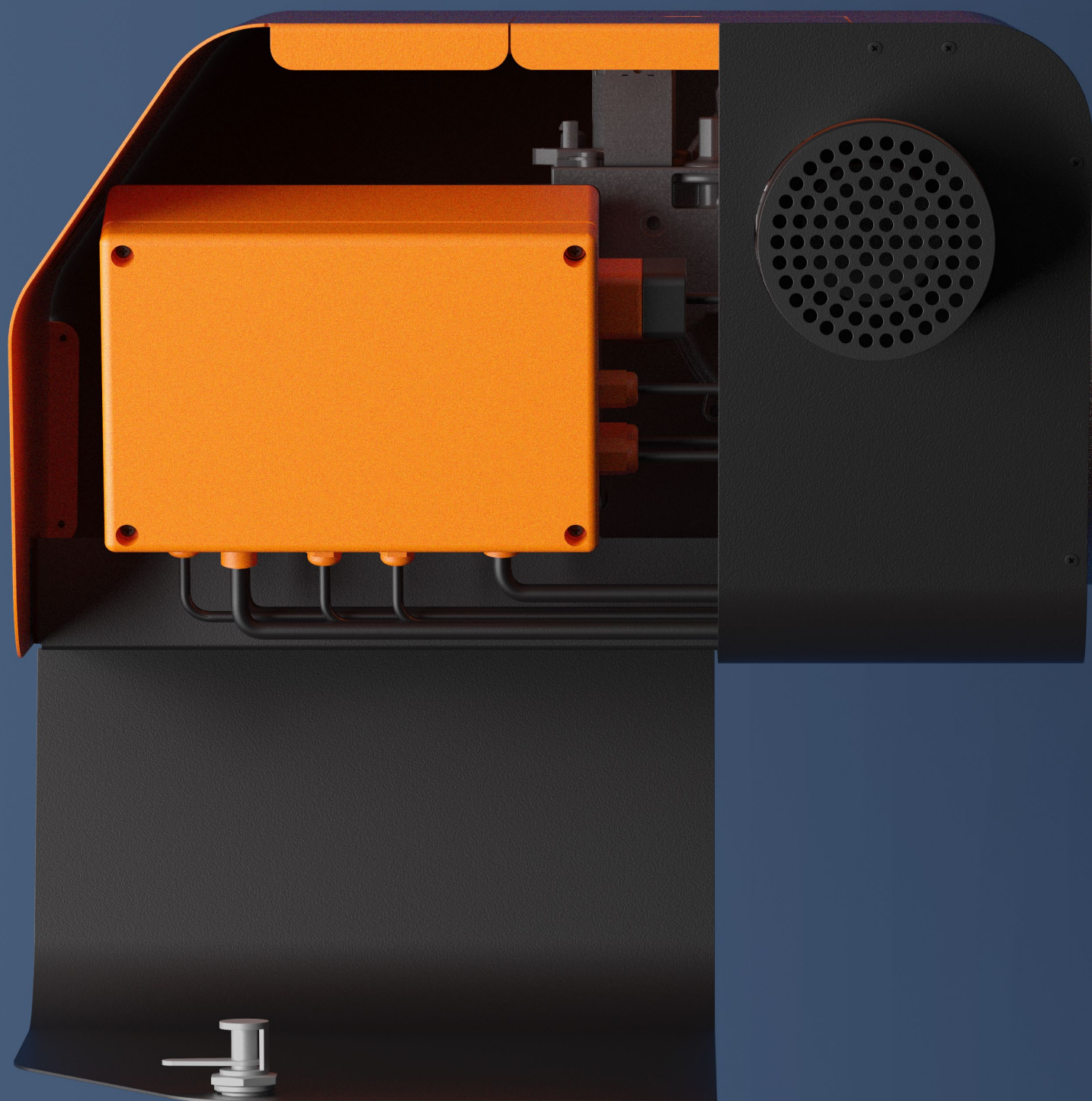
tetraSchwank



hybridSchwank

heat recovery / condensing boiler technology

peripheral systems



Predictive Maintenance

Service with vision

Schwank heating systems perfectly harmonise with the forward-thinking control technology SchwankControl Touch.

The intelligent interaction of heating system and control unit makes an innovative and user-friendly regulation possible - from the company network or from anywhere in the world.

The gapless recording of all relevant heating data [consumption, output, heating cycle, etc.] allows to transparently analyse the heating system, which contributes actively to increased efficiency.

Thanks to the Predictive Maintenance option Schwank can immediately communicate with the customer's system and eliminate the interference source via remote maintenance or derive methods for the further support. That does not only lower the service and operation costs but also increase the reliability and lifetime of the system.



Good has never been good enough.

With the components of Schwank control technology, Schwank's solutions become probably the most intelligent hall heating and cooling systems in the world. The high degree of connectivity ensures maximum operating and heating comfort for the operator.

The increased transparency in terms of performance, consumption and status provides relevant data for efficient control and plant safety.

With the Schwank control technology we get the best out of our hall heating and cooling systems. For maximum efficiency. For flexibility. For your requirements.

Up to
29% energy savings
compared to single-stage
analogue control systems.

Transparent display and
analysis of consumption
and performance data

significant increase
in **lifetime**

More
user and operating comfort

Storage of
operating history

A specially developed
modular system

Free **control circuit**
classification

Worldwide **remote access**
via web browser

Flexibility in adapting
to the individual
requirements

More **comfort** thanks to
constant temperatures and
continuous modulation as
standard

No **interface problems**
between different
systems

Maximum
connectivity thanks
to **ModBUS**

Compatibility with all
common communication
protocols of building
control systems [BACnet,
KNX, etc.]

Analysis of fault signal
via remote maintenance

Predictive Maintenance
and **Service 4.0**



Innovative. Experienced. Competent.

■ Experience creates security

Schwank is recognised worldwide as a manufacturer of high quality, economically viable industrial heating and cooling systems. As the market leader of gas infrared heaters, Schwank has extensive experience. 150 000 satisfied customers and two million heaters sold worldwide speak for themselves

[see references at www.schwank.co.uk].

As a German manufacturer, we stand by our claim: To provide products and services with the highest quality.



United Kingdom

Schwank Ltd.
Suite 21, 50 Churchill Square
Kings Hill, West Malling
Kent, ME19 4YU
Tel.: +44(0)208-641 3900
Fax: +44(0)208-641 2594
sales(at)schwank.co.uk
www.schwank.co.uk

Ireland

Hevac Limited
Muirfield Drive
Naas Road
Dublin 12
Tel.: +353 1 4191919
Fax: +353 1 4584806
E-mail: info@hevac.ie
Internet: www.hevac.ie

Australia

Devex Systems Pty Limited
5/83 Bassett St
Mona Vale NSW 2103
Tel.: +61 02 9997 2811
Fax: +61 02 9997 7852
E-mail: info@devexsystems.com.au
Internet: www.schwank.com.au

New Zealand

Energy Products Int.
30 Gallagher Drive,
Frankton, Hamilton
Tel.: +64 7 839 2705
Fax: +64 7 834 4212
E-mail: sales@energy-products.co.nz
Internet: www.energy-products.co.nz