



Hoval

**Your reliable
heating centre**

Hoval Systems with CompactGas

YOUR RELIABLE HEATING CENTRE

Low operating costs
Reliable
Low investment costs

Your reliable heating centre.

Do you always want to provide your customers with exactly the energy they need? Reliably and efficiently? Then Hoval is the right choice for you.

The lean systems require significantly less space and installation effort than conventional solutions. Combined with low energy consumption, what does this mean for you? **Rapid amortisation** and many years of reliably **low operating costs**.





For consultation or a quote contact us at:
engineering@hoval.com

Typical heating centre: Space saving arrangement of different boiler types – combined to perfectly match economical and performance needs.



Hoval

LOW OPERATING COSTS

Quality components
Low consumption
Low service costs

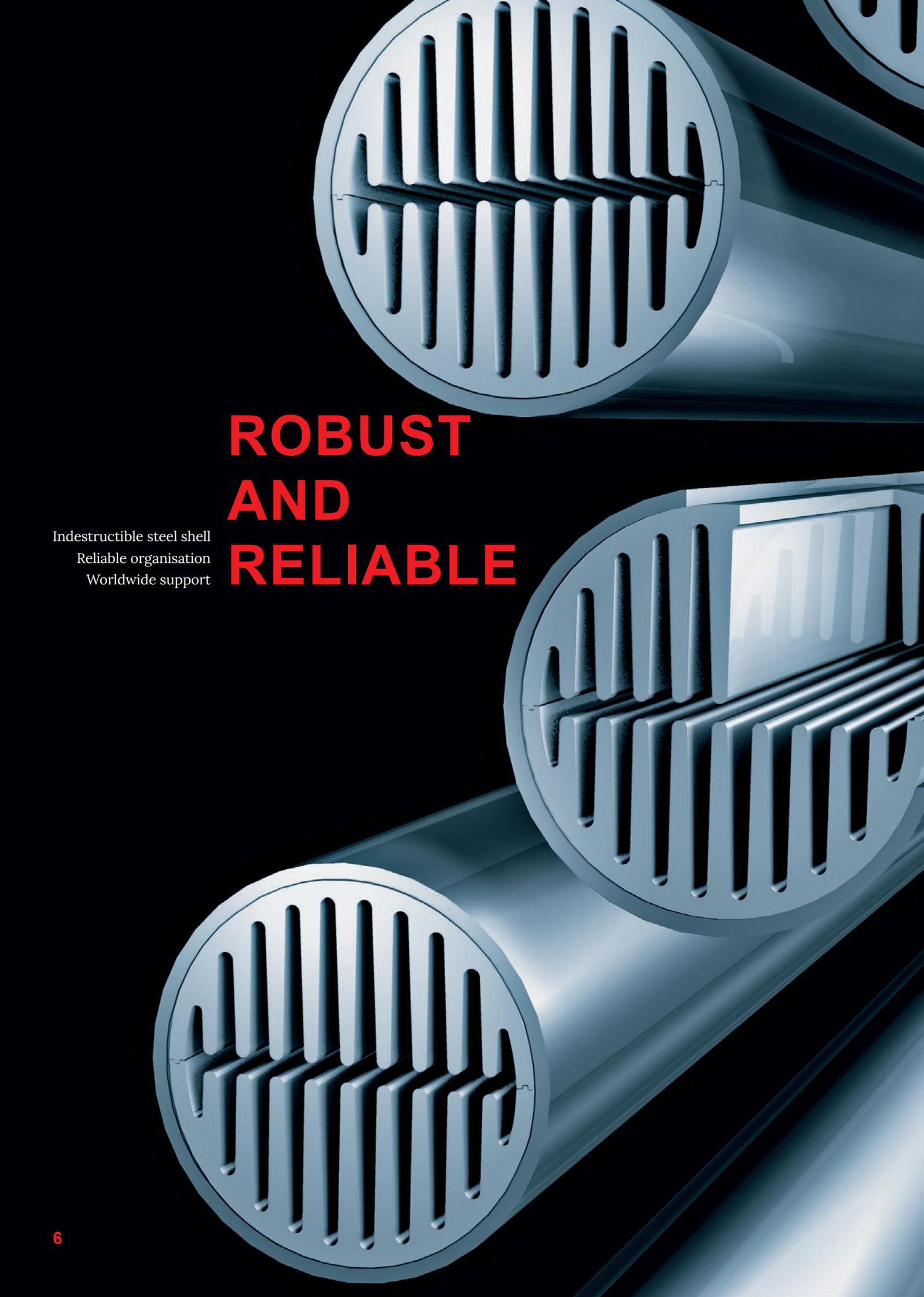


Low operating costs

Hoval systems use high-quality, in-house manufactured components, which are optimally matched, thus guaranteeing high efficiency.

Low consumption and service costs as well as reliable and long-lasting products ensure low operating costs and satisfaction for your customers.

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ROBUST AND RELIABLE

Indestructible steel shell
Reliable organisation
Worldwide support

Robust and reliable

For over 75 years, Hoval boilers have been known for their robust construction, durability, and reliability.

With the CompactGas E, an indestructible steel shell on the waterside ensures an unchangingly high performance of the aluFer® heat exchanger.

Behind every CompactGas E, however, is also the reliability of the Hoval organisation: all products, systems and control technology as well as the competent, worldwide customer support come from a single source!

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1

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CompactGas

2

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CompactGas

LOW INVESTMENT COSTS

Less floor space
Minimum of clearance
Low installation costs



Low investment costs

It doesn't get any more compact than this. Thanks to the aluFer® heat exchanger's high efficiency, the CompactGas E requires approximately 25% less floor space than other boilers of comparable output.

All important access points are located on the front and top. This means that the CompactGas E can be installed with only a minimum of clearance.

This compact installation reduces investment costs for the building, and also saves expensive pipe material and installation costs.

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China:
Heating area
80 000m²

SHENYANG CHEST HOSPITAL

While the heating area is 80 000m² (60 000m² for energy saving buildings plus 20 000m² for non-energy saving buildings), the heating period is 180 days and the heating temperature above 22°C, 24 hours a day. This is equivalent to 8600 kcal/Nm³ standard natural gas consumption of 7.87m³/m² in the heating season.

The gas consumption of the coal-to-gas project in similar hospitals in Shenyang is about 15m³/m² or more in the heating season

- Boiler: 4 UltraGas (1000), 2 CompactGas (1400)
- Total output: 6800 kW
- Heating area: 80 000m²
- System: Heating



China:
Heating area
120 000m²

MEDICAL UNIVERSITY HOSPITAL

The heating area is 120 000m² (including 64 000m² for energy saving buildings and 56 000m² for non-energy saving buildings) plus hot water and hospital steam supply.

The heating period is 170 days, and the heating temperature above 22°C, 24 hours a day. This is equivalent to 8600 kcal/Nm³ standard natural gas consumption of 7.62 m³/m² in the heating season.

The gas consumption of the coal-to-gas project in similar hospitals in Shenyang is about 15 m³/m² in the heating season.

- Boiler: 5 UltraGas D (2000), 2 THSD 3t/h
- Total output: 6800kW
- Heating area: 120 000m²
- System: Heating, hot water, hospital steam supply



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Hoval quality. You can count on us.

As a specialist in heating and climate technology, Hoval is your experienced partner for system solutions. For example, you can heat water with the sun's energy and your rooms with oil, gas, wood or a heat pump. Hoval ties together the various technologies and also integrates room ventilation into the system. So you can save energy while looking after the environment and your costs – and still enjoy the same level of comfort.

Hoval is one of the leading international companies for indoor climate solutions. More than 75 years of experience continuously motivate us to design innovative system solutions. We manufacture complete systems for heating, cooling and ventilation to more than 50 countries.

We take our responsibility for the environment seriously. Energy efficiency is at the heart of the heating and ventilation systems we design and develop.

Responsibility for energy and environment

China

Hoval Oriental Beijing
Heating Tech Co., Ltd
Rm.1608 Guangming Hotel
Liangmaqiao Road
Chaoyang District
100125 Beijing P.R. China
www.hoval.com.cn

Switzerland

Hoval Aktiengesellschaft
9490 Vaduz (Liechtenstein)
www.hoval.com

