



MODERN 2

heat pumps



COEFFICIENT
COP to 4,78

NATURAL **R290**
REFRIGERANT

MODERN



heat pumps

Top quality

High quality is a core area of **HKS LAZAR** strategy: from the design, manufacture until maintenance service.

- All components are delivered by reputable suppliers: Ziehl-Abegg fans, Plum control system, Copeland compressor.
- Strict quality control at any phase of manufacture.
- Service centres all over Poland.

Comfort

One of the main priorities for **HKS LAZAR** is above all it's client satisfaction.

- Automatic operation.
- Extraordinary noise reduction.
- Compatible with Internet.
- Colour control touch panel.
- Cascade heat pumps operation possible
- Two heating circuits, and extension possible.
- Compatible with wireless thermostat.
- Hot water circulation

Unique design

- Some design options available.
- A wide range of finish available: exotic wood, composite wood, polycarbonate, architectural concrete.
- Different design options available upon request.

Efficiency

- Very high COP up to 4.78.
- No registration or gas-emission fees.
- Wide operation range – prevents use of other heat sources.
- Professional license not required for installation.
- Programmable weekly operation.
- Temperature control.

Ecology

- Carbon-free heating.
- Renewable heat source.
- Ozone-friendly R290 gas (ODP=0) that features with low global warming impact (GWP=3).



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PM2L



PM4L



M4L



P



GG
Grey | Grey



GS
Grey | Silver



GWI
Grey | Iroco exotic wood



GWC
Grey | Composite wood



GC
Grey | Architectural concrete



AA
Anthracite | Anthracite



AS
Anthracite | Silver



AWI
Anthracite | Iroco exotic wood



AWC
Anthracite | Composite wood



AC
Anthracite | Architectural concrete

HEAT PUMP

HT10

Air-water high temperature HT 10 heat pump and **R290 natural refrigerant** of 20kW max heating power.

- Water heating up to 62°C
- Absorbs heat from the outside air
- High efficiency
- Natural refrigerator – R 290
- Operation at temp. down to -20°C
- High COP up to 4.78
- Big evaporator
- High heating output
- Prevents use of other heat sources.

Choose the heat pump known for long service life and reliability. Thanks to many innovative solutions HT10 pump offers extraordinary performance and efficiency. This pump heats water up to 62°C and is a good solution for new and upgraded buildings. A wide choice of modern materials allows to satisfy user's individual needs and requirements.

We are proud to offer the latest product which sets new standards for heat pumps with regard to comfort, performance, ecology and design

SCOP
3,899



A++



HT10/12

HT10/14

HT10/16

HT10/20

POWER / COP A7 / W35:

11,5 kW / 4,78

14,1 kW

17,7 kW

22,2 kW

POWER / COP A7 / W65:

10,1 kW / 2,75

12,8 kW

15 kW

18,8 kW

POWER / COP A2 / W35:

9,1 kW / 4,0

13,2 kW

15,3 kW

19,2 kW

POWER / COP A-7 / W35:

7,1 kW / 3,0

9,7 kW

11,3 kW

14,2 kW

POWER / COP A-15 / W35:

6,1 kW / 2,64

7,5 kW

8,7 kW

11 kW

POWER / COP A-15 / W55:

5,7 kW / 1,76

7 kW

8,3 kW

10,2 kW

Temperature range:

-20°C ÷ 35°C

-20°C ÷ 35°C

-20°C ÷ 35°C

-20°C ÷ 35°C

Maximum supply temperature:

62 °C

62 °C

62 °C

62 °C

The amount of refrigerant:

2,0 kg

2,1 kg

2,2 kg

2,4 kg

Power:

3 x 400W

3 x 400W

3 x 400W

3 x 400W

Weight:

180kg

180kg

185kg

190kg

Dimensions:

810 x 1380 x 810

810 x 1380 x 810

810 x 1380 x 810

810 x 1380 x 810

Hydraulic connection:

G1

G1

G1

G1

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**We deliver safe,
energy- efficient
and eco-friendly products**

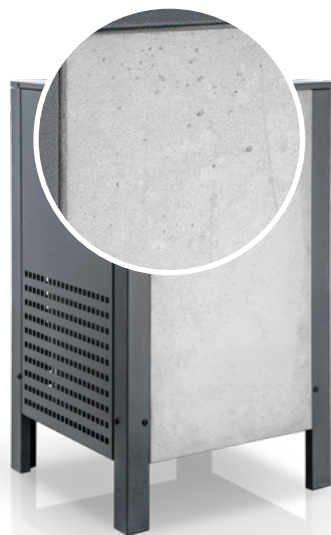


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