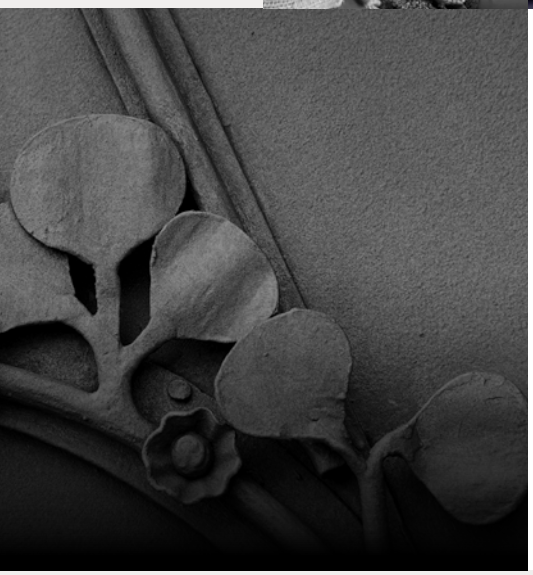
PRODUCT RANGE



VIADRUS

Your home heating
since 1888

Your home heating
since 1888

VIADRUS PRODUCT CATALOGUE

Company profile

VIADRUS has been a traditional purely Czech manufacturer of grey cast iron products, especially boilers and radiators since 1888. It is an important player on the European market of heating products thanks to its almost 1,000 employees and revenue of 2 billion Czech crowns.

The longstanding tradition of our company dates back to 1888 and our experience in the foundry industry together with modern technologies provide the guarantee of a thorough processing, reliability, high quality warranty and lifetime of products bearing a name of VIADRUS. Our production is covered by the quality system EN ISO 9001 and ISO 14001. The cast iron solid fuel boilers, gas and oil boilers with cast-iron heat exchanger are the core products offered by VIADRUS.

The cast-iron solid fuel boilers with manual operation have been serving as a reliable source of cheap heat for several decades almost all over the world. The solid fuel boilers with automatic operation constitute a very modern and comfortable way of utilization of resources of fossil fuels. The brand VIADRUS offers also boilers for combined operation, biomass boilers and boilers that are a subject to the strict environmental standards. The range of gas boilers includes floor-standing, wall-hung and high efficient condensing boilers. The cast-iron OEM heat exchangers and commercial castings made of grey iron, heat/wear-resistant steel, brass or bronze constitute a significant part of our production.

At the same time VIADRUS is one of the leading manufacturers of cast-iron radiators in classical, modern and retro design. VIADRUS also extended the portfolio of boilers and radiators by adding the desired range of renewable heat sources – domestic hot water solar sets and heat pumps.

Boilers and radiators made in VIADRUS belong to the best selling products of the heating industry in the Central Europe. They are successfully sold in more than 40 countries in the world and our aim is to increase the number of these territories. We believe that the high quality of workmanship, long service life, favourable price of our products and good commercial conditions can be beneficial for you and your company.

VIADRUS in dates…

1885 ► Hahns‘s ironworks founded

1888 ► Lauch of the foundry operation

1890 ► Start of production of radiators

1928 ► Expansion of the production of cast-iron boilers with our own construction

1963 ► R & D of boilers moved from Prague to Bohumin

1967 ► Start of production of gas boilers

1973 ► Launch of operation in the new foundry and radiators assembly shop
Successful certification to EN ISO 9001

1996 ► Successful development of foreign trade

1997 ► Successful certification to EN ISO 14001 standards

2002 ► Investment in upgrading of production lines

2012 ► ZDB GROUP was separated by the owner into four independent companies
stand-alone joint-stock company VIADRUS was established

2013 ► New condensing boiler NAOS launched

Solid fuel boilers

MANUAL SOLID FUEL BOILERS

Output according to the number of sections / kW

0 10 20 30 40 50 60 70 80 90 100

AUTOMATIC SOLID FUEL BOILERS

0 10 20 30 40 50 60 70 80 90 100

BOILERS FOR HOUSES

BOILERS FOR BOILER ROOMS

Gas boilers | Cast-iron radiators
Other products

GAS BOILERS

Output according to the number of sections / kW

			0 10 20 30 40 50 60 70 80 90 100	page
NAOS			5–24	28
CLAUDIUS K 2 L			3.5–49.5	29
GARDE G 42 | G 42 ECO			7–49	30
GRAND G 36 | G 36 BM			12–49	31
G 90			64–120 8, 10, 12, 15 čl.	32

BOILERS FOR A JET BURNER

			0 100 200 300 400 500 600 700 800	
HERCULES U 22 P/N			11.7–58.1 3, 4, 5, 6, 7, 8, 9, 10 čl.	33
G 50			14–80 2, 3, 4, 5, 6 čl.	34
G 350			92–320 4, 5, 6, 7, 8, 9, 10, 11 čl.	35
G 700			330–750 10, 11, 12, 13, 14, 15 čl.	36

CAST-IRON RADIATORS

KALOR | KALOR 3 | TERMO | BOHEMIA | BOHEMIA R | HELLAS | STYL ABOVE – STANDARD TREATMENT	39

OTHER PRODUCTS

FIREPLACE INSERTS | WATER HEATERS | ACCUMULATION TANKS SOLAR SETS | HEAT PUMPS	45
TECHNICAL SPECIFICATIONS	55

HARD COAL AND SOFT COAL

HARD COAL

WOOD PELLETS

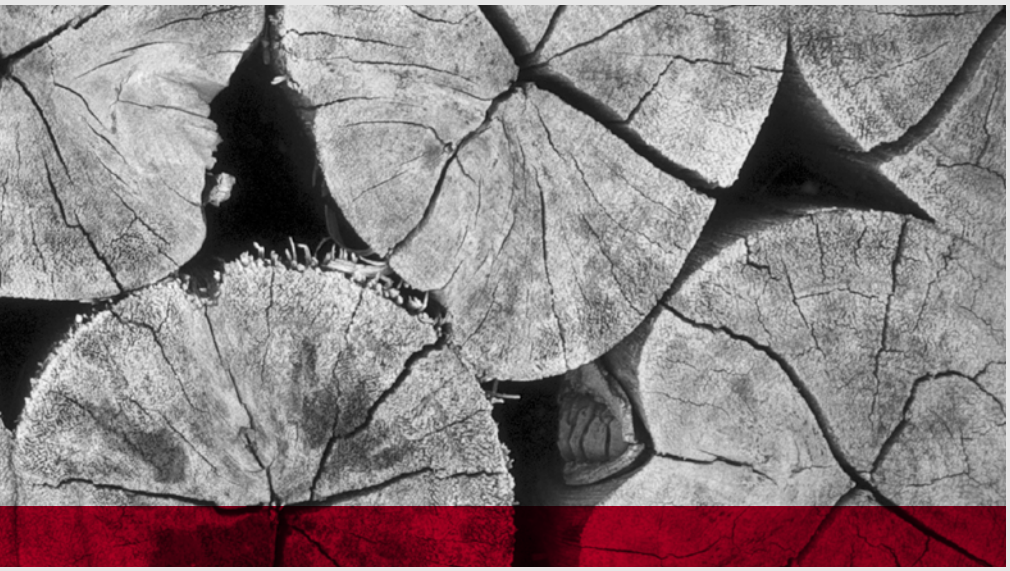
FIREWOOD

COKE

BRIQUETTES

► www.viadrus.cz

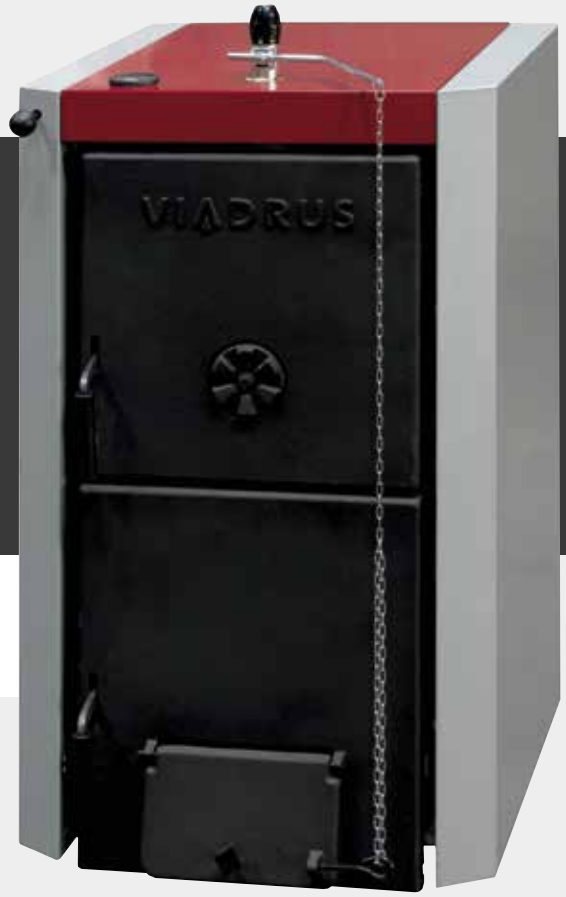
SOLID FUEL BOILERS



Hercules U 22 C/D

Cast-iron solid fuel boiler

→ MANUAL SOLID FUEL BOILERS



Hercules U 22 is a perfect general purpose boiler for low-cost solid fuel heating designated for residental houses and other smaller buildings. Comfortable use of big wood log pieces is enabled by big feeding door hole. It is possible to convert this solid fuel boiler into a gas/oil boiler with a jet burner (P/N versions).

Output range:
11.7–58.1 kW

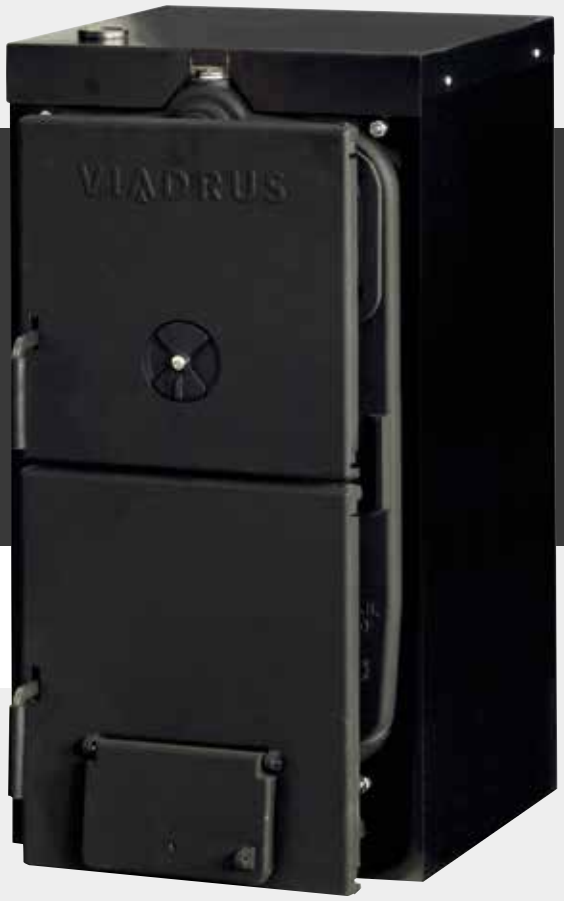
Advantages:

- long service life of the cast-iron exchanger
- five-year guarantee for a boiler body
- simple operation and maintenance
- optional boiler conversion from solid fuel into gas or liquid fuels combustion
- low demands on a chimney draught
- large stokehole of D version for burning of almost 220 mm large wood pieces
- possibility to burn wood with humidity up to 20 %
- wide output range according to the number of sections

Hercules U 22 Basic

Cast-iron solid fuel boiler

→ MANUAL SOLID FUEL BOILERS



Hercules U 22 model Basic is a basic version of the U 22 boiler. The cast-iron heat exchanger and quality of this boiler remain the same as for standard C/D versions. It is a perfect general purpose boiler for low-cost solid fuel heating of residental houses and other smaller buildings. It is possile to be converted into a gas/oil boiler equipped with a jet urner (P/N versions).

Output range:
11.7–58.1 kW

Advantages:

- long service life of the cast-iron exchanger
- five-year guarantee for a boiler body
- low price
- simple operation and maintenance
- low demands on a chimney draught
- large stokehole for burning almost 100 mm large wood pieces
- wide output range according to the number of sections

Hercules U 26

Cast-iron burn-through solid fuel boiler

→ MANUAL SOLID FUEL BOILERS

Hercules U 26 is determined for coke, hard coal and wood burning. A large stokehole for burning larger pieces of wood. The boilers can be used in systems utilising natural or forced heating water circulation.

Output range:
12 – 72 kW

Advantages:

- high corrosion resistance
- five-years guarantee for a boiler body
- long service life of the Czech-made cast-iron exchanger
- water-cooled fixed grates
- easy operation and maintenance
- threaded flanges for easy installation
- possibility of additional output change
- boiler output based on the number of sections

Hercules U 26 ECO

Cast-iron burn-through coke boiler

→ MANUAL SOLID FUEL BOILERS

Hercules U 26 is determined for coke burning while meeting the emission conditions of class 3 according to the ČSN standard EN 303-5. The boilers can be used in systems utilising natural or forced heating water circulation.

Output range:
15–50 kW

Advantages:

- high corrosion resistance
- meets the emission class 3 according to ČSN EN 303-5 standards
- five-years guarantee for a boiler body
- long service life of the Czech-made cast-iron exchanger
- efficiency from 76,4 to 84,1 %
- water-cooled fixed grates
- easy operation and maintenance
- possibility of additional output change
- boiler output based on the number of sections

Hercules U 24

Cast-iron down-burning solid fuel boiler

→ MANUAL SOLID FUEL BOILERS

Hercules U 24 allows burning of coke, hard and soft coal while meeting the emission conditions of class 3, according to the ČSN standard EN 303-5.

Output range:
13 – 74 kW

Advantages:

- environmentally friendly burning of coal and coke
- meets the emission class 3 according to ČSN EN 303-5 standards
- high quality Czech-made cast-iron heat exchanger
- water-cooled fixed grates
- possibility of natural water circulation
- boiler output based on the number of sections
- easy cleaning of flue gases ways
- threaded flanges for easy installation

Hercules U 28

Cast-iron down-burning solid fuel boiler

→ MANUAL SOLID FUEL BOILERS

Hercules U 28 allows wood and coal burning while the strictest emission conditions of class 3, according to the ČSN standard EN 303-5, are observed.

Output range:
17 – 46 kW

Advantages:

- meets the emission class 3 according to ČSN EN 303-5 standards
- ecological coal burning
- possibility of wood burning
- quality Czech-made cast-iron heat exchanger
- water-cooled fixed grates
- possibility of natural water circulation
- output according to the number of sections
- easy cleaning of flue gases ways
- threaded flanges for easy installation

Lignator

Ecological cast-iron wood boiler

→ MANUAL SOLID FUEL BOILERS

Lignator is a modern boiler determined for the ecological burning of wood pieces by slow burning way. The boiler observes the strictest European ecological standards and achieves excellent efficiency.

Output range:
13,5 – 34 kW

Advantages:

- meets the emission class 3 according to ČSN EN 303-5 standards
- high efficiency up to 89.6 %
- ecological operation
- wood humidity up to 20 %
- high service life of the Czech-made cast-iron exchanger
- boiler output based on the number of sections
- water-cooled fixed grates
- easy operation and maintenance
- threaded flanges for easy installation
- possibility of additional output change

Hefaistos P1

Cast-iron pyrolytic wood boiler

→ MANUAL SOLID FUEL BOILERS

Hefaistos P1 is a pyrolytic cast-iron boiler burning wood pieces in systems utilising the forced heating medium circulation.

Output range:
30 – 100 kW

Advantages:

- meets the emission class 3 according to ČSN EN 303-5 standards
- high efficiency up to 89,6 %
- ecological operation
- possibility of burning wood with humidity up to 20 %
- easy operation
- threaded flanges for easy installation
- possibility of change the door opening direction
- boiler output based on number of sections
- „E“ version enables DHW heating with a choice of priority

Hercules DUO

Automatic cast-iron coal and wood pellet boiler

→ AUTOMATIC SOLID FUEL BOILERS

The boiler advantage is, beside the ecological operations, especially the complete cast-iron exchanger with a long service life and excellent way of cleaning thanks to a pair of cleaning doors. The fuel is transported by a scroll feeder to the retort burner.

Output range:
6–35 kW

Advantages:

- meets the emission class 3 according to ČSN EN 303-5 standards
- high efficiency 89 %
- high fuel variability
- long service life of the cast-iron heat exchanger
- equithermal regulator w/ fan speed control
- control unit serves as a room thermostat as well
- two sizes of fuel reservoir
- output based on the number of sections
- left and right version of fuel reservoir

Vulcanus

Automatic cast-iron coal and wood pellet boiler

→ AUTOMATIC SOLID FUEL BOILERS

The boiler Vulcanus is determined for economical and ecological burning of coal or wooden pellets in the automatic mode. The modulation automatic regulator Siemens SAPHIR controls the boiler performance, including hot water heating, and the management of several heating circuits. The fuel is fed to the retort burner by a scroll feeder.

Output range:
6–35 kW

Advantages:

- meets the emission class 3 according to ČSN EN 303-5 standards
- high efficiency 89 %
- construction of the boiler body proven by many years of operation
- long service life of the cast-iron boiler body
- high fuel variability
- equitherm regulator with fan speed control
- controlled fan speed
- control unit serves as a room thermostat as well
- possibility of water heating
- variable fan speed
- two sizes of fuel reservoir
- universal left/right position fuel reservoir

Ekoret

Automatic cast-iron coal and wood pellet boiler

→ AUTOMATIC SOLID FUEL BOILERS

The burning of pellets, hard and soft coal is ensured by a retort burner placed in the boiler base into which the worm feeder transports the fuel. The boilers are delivered with a modulation control unit Siemens SAPHIR allowing the equitherm regulation, independent hot water preparation and connection of several heating circuits.

Output range:
4.5–22 kW

Advantages:

- meets the emission class 3 according to ČSN EN 303-5 standards
- high efficiency 87.7 %
- high fuel variability
- long service life of the Czech-made cast-iron boiler body
- ready for DHW preparation
- room thermostat compatible
- two sizes of fuel reservoir
- left or right position of fuel reservoir

Hercules Green Eco Therm

Automatic cast-iron wood pellet boiler

→ AUTOMATIC SOLID FUEL BOILERS

Hercules Green Eco Therm boiler is determined for economical and ecological heating using wood pellets within the fully automatic modulated mode including the automatic ignition. The burner set is supplied in a wooden box serving as a fuel storage having the capacity of 80 Kg of pellets.

Output range:
7.5–32 kW

Advantages:

- meets the emission class 3 according to ČSN EN 303-5 standards
- high efficiency 87.9 %
- automatic ignition
- optical flame control
- high efficiency
- any reservoir fuel supply
- long service life of the cast-iron boiler body
- temporary pellet reservoir included
- universal pellet feeder included
- easy cleaning
- simple, time-saving operation and maintenance
- emergency manual mode
- boiler output based on the number of sections

Woodpell

Automatic cast-iron pellet boiler

→ AUTOMATIC SOLID FUEL BOILERS

The boiler Woodpell is determined for economical and ecological heating using wood pellets within the fully automatic modulated mode requiring minimal handling of the boiler. The easy cleaning of the boiler is ensured by large cleaning doors.

Output range:
5.8–25 kW

Advantages:

- meets the emission class 3 according to ČSN EN 303-5 standards
- high efficiency 85 %
- automatic ignition
- flue gases temperature control
- any reservoir fuel supply
- long service life of the cast-iron boiler body
- universal pellet feeder included
- simple and time-saving operation and maintenance
- emergency manual mode
- easy cleaning
- boiler output based on the number of sections

Hercules ECO

Automatic cast-iron wood pellet boiler

→ AUTOMATIC SOLID FUEL BOILERS

Hercules ECO is determined for economical and ecological heating requiring automatic operations and easy, friendly controls of the managing boiler unit. The boiler is protected by a safety thermostat and safeguards against burning through of the fuel ways.

Output range:
7 – 42 kW

Advantages:

- meets the emission class 3 according to ČSN EN 303-5 standards
- high efficiency 84.3 %
- automatic operation controlled with a room thermostat
- room thermostat compatible
- simple user control menu
- easy connection to various fuel reservoirs
- nearly maintenance-free operation
- low emissions
- variable positioning of the standard fuel reservoir
- long service life of the cast-iron body
- five-year guarantee for a boiler body

Conversion kit

Conversion kit for the Hercules U 26 boiler

→ AUTOMATIC SOLID FUEL BOILERS

The original set, determined for Hercules U 26 boilers of all generations, serves for the boiler upgrading to the “new” automatic boiler Hercules DUO which meets parameters of the emission class 3, including the new manufacturing label and instructions. Fuel is fed to the retort burner by a scroll feeder. Two sizes of the fuel reservior can be chosen.

Output range:
6–35 kW

Advantages:

- meets the emission class 3 according to ČSN EN 303-5 standards
- high fuel variability
- long service life of the cast-iron body
- HMI display and control unit
- easy control thanks to text menu
- room thermostat compatible
- two sizes of fuel reservoir
- universal left / right position fuel reservoir

Conversion kit

Conversion kit for Hercules U 22 boiler

→ AUTOMATIC SOLID FUEL BOILERS

The set is determined for the upgrading of the Hercules U 22 boilers with 5, 6, or 7 sections to an automatic boiler burning wood pellets within the emission class 3. The burner output could be regulated within 5.8–25 kW. The upgraded boiler can be operated within the natural water circulation and it newly allows hot water heating in an indirect heater.

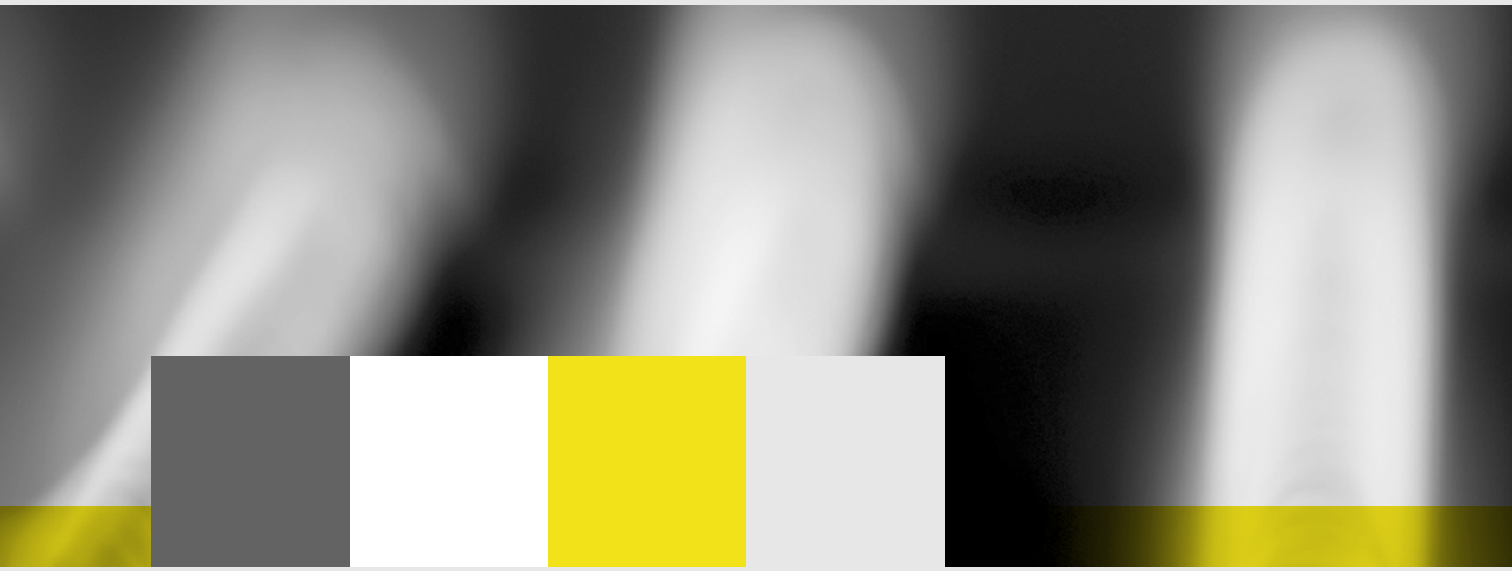
Output range:
5.8 – 25 kW

The parts of the conversion kit:

. burner including ash-pan door
. internal metal sheet of the boiler furnace
. the PUMA automatics built in the panel
. small lid with a place for flue gas sensor
. complete pellet feeder

On request:

. fuel reservoir, turbulators
. dividers of the combustion chamber



NATURAL GAS

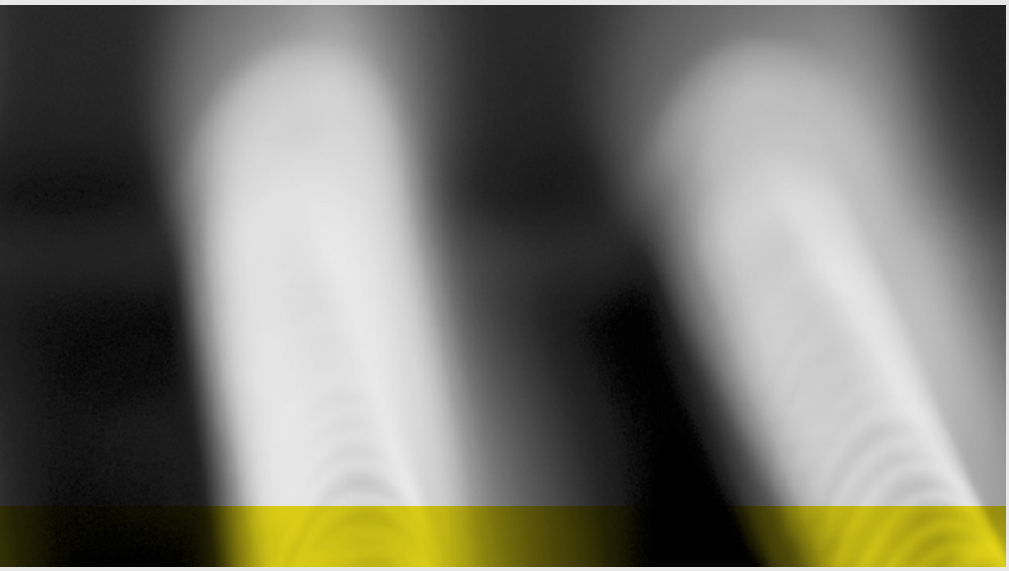
BIOGAS

HEATING OIL

PROPANE

► www.viadrus.cz

GAS BOILERS



NAOS K4

Wall-hung gas condensing boiler

NAOS K4 belongs to a series of wall-hung condensing boilers. The boiler exchanger is made of quality stainless steel. The boilers are delivered in 3 variants: heating only witout possibility of DHW heating, or ready without a possibility to be connected to an external indirect heating storage tank.

Output range:
5 – 24 kW

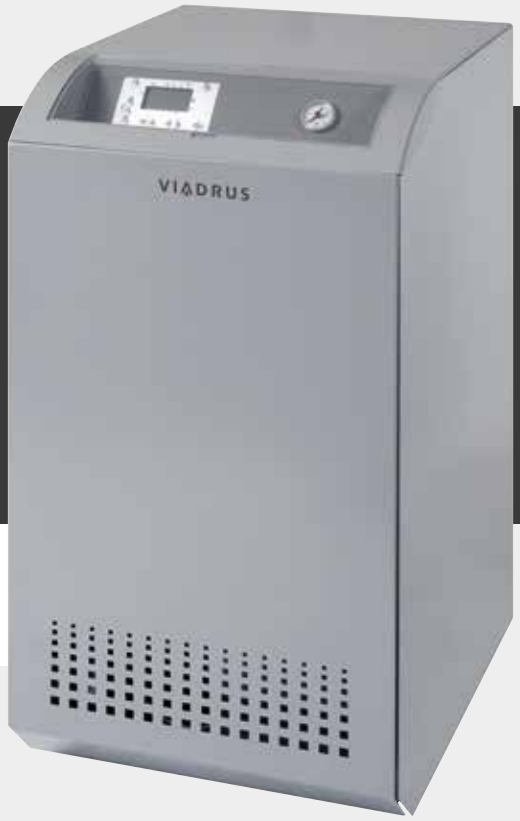
Advantages:

- simple operation
- efficiency up to 105 %
- quiet running
- high efficiency
- wide modulation range
- ready for external temperature sensor
- easy instalation, assembly and service
- anti-frost protection

NAOS

Claudius K 2 L

Floor-standing gas condensing boiler



Claudius K 2 L is a series of stationary condensing boilers. The boiler exchanger is made of a special alloy of aluminium, silicon and magnesium which ensures the optimal heat transferring to the heating system. The boilers are delivered in three output models.

Output range:
3.5 – 49.5 kW

Advantages:

- top-quality control unit made by Siemens
- low gas consumption
- efficiency up to 106.6 %
- quiet running
- wide output modulation range
- ready for an external sensor connection
- external temperature sensor compatible
- up to three different heating circuits control
- equithermic boiler control
- independent DHW timer
- variable flue gases exhaust
- upgradable main control unit

Garde G 42 / G 42 ECO

Low-temperature cast-iron gas boiler

The boilers of the G 42 series are low-temperature cast iron boilers equipped with atmospheric burners. They are determined for heating systems using the forced water circulation. The original design limits an occurrence of low-temperature corrosion and thanks to that the boilers might be operated at the returning water temperature about 30 °C. When installed without a chimney they might be set with the combustion products fan OSV.

Output range:
7 – 49 kW

Advantages:

- long service life of the exchanger
- high efficiency up to 93 %
- flue gases fan for installation without chimney
- optional DHW storage tank of the boiler design and DHW priority
- economical low-temperature operation
- optional built-in equithermic control made by Siemens
- simple operation and easy service
- two-stage operation (natural gas only)
- environmentally friendly operation thanks to very low emissions
- reliability of control and safety components

Grand G 36/G 36 BM

Cast-iron gas boiler

The boilers of the G 36 series are cast-iron boilers equipped with atmospheric burners and are suitable for heating systems with both natural and forced water circulation. The non electric version G 36 BM is suitable especially for areas without electricity or areas with unreliable power supplies while a possibility of using a room thermostat is maintained.

Output range:
12–49 kW

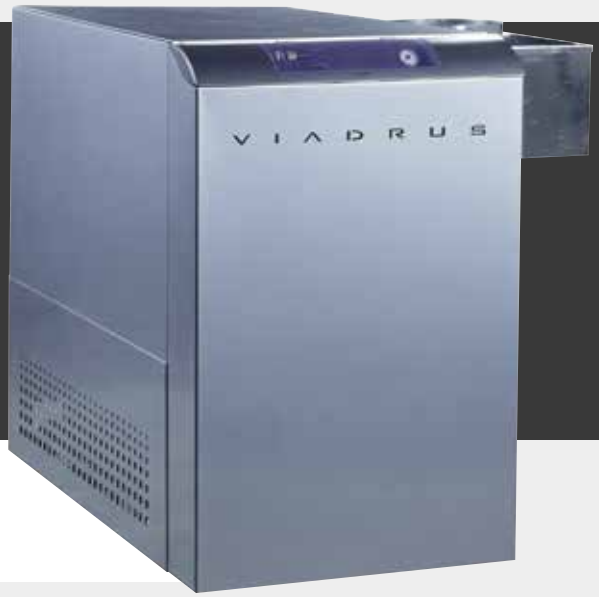
Advantages:

- low purchase costs
- suitable for natural water circulation operation
- long service life of the exchanger
- high efficiency up to 92 %
- optional DHW storage tank of the boiler design and DHW priority (G36 only)
- simple operation and easy service
- single-stage gas valve with adjustable output
- reliability of control and safety components
- independence from electrical power network (G36 BM only)

G 90

Cast-iron gas boiler

The VIADRUS G 90 boiler with an atmospheric burner is determined for hot water heating systems in community objects. The boiler is equipped with a combustion products backflow fuse and when the required conditions are observed, it might be used also in boiler rooms of Category I or II. The gas and water connections could be done from the right-hand or left-hand side (with the exception of the smallest size).



Output range:
64–120 kW

Advantages:

- long service life of the cast-iron exchanger
- high efficiency up to 92 %
- quiet running and low electric consumption
- left-side or right-side water and gas connection (excluding 8-section size)
- optional built-in control made by Siemens
- possibility of a cascade operation
- simple operation and easy service
- environmentally friendly operation, low emissions
- reliability of control and safety components
- possible delivery of a disassembled boiler upon request
- two-stage burner with nominal and reduced output

Hercules U 22 P/N

Cast-iron boiler for a jet burner

The variant Hercules U 22 P is determined for burning gas fuels, while the variant Hercules U 22 N is for liquid fuel burning. The boiler is determined for low pressure hot water central heating systems achieving the maximal heat transferring medium temperature up to 90 °C.

Output range:
11.7 – 58.1 kW

Advantages:

- long service life of the cast-iron exchanger
- construction proven by many years of operation
- low demand for a chimney draught
- possibility of natural water circulation operation
- threaded flanges for easy installation
- fully automatic two-stage operation for some types of burners
- operational status signalization or operational data transfer for outer loop control
- possibility of the boiler control with automatics or a temperature sensor

G 50

Cast-iron boiler for a jet burner

VIADRUS G 50 boiler is a three-draft stationary boiler equipped with a cast-iron exchanger and an overpressure combustion chamber. It is determined low pressure water central heating systems achieving the maximal heat transferring medium temperature up to 90 °C.

Output range:
14 – 80 kW

Advantages:

- long service life of the cast-iron body
- high efficiency for all fuels
- economical operation
- delivery including a burner (on demand)
- fully automatic two-stage output operation for selected burners
- operational status signalization or operational data transfer for outer loop control
- boiler control by thermal sensor or by outer loop control

G 350

Cast-iron boiler for a jet burner

VIADRUS G 350 boiler is a three-draft stationary boiler equipped with a cast-iron exchanger and an overpressure combustion chamber. It is determined for low pressure water central heating systems achieving the maximal heat transferring medium temperature up to 90 °C.

Output range:
92 – 320 kW

Advantages:

- long service life of the cast-iron body
- high efficiency for all fuels
- economical operation
- delivery including a burner (on demand)
- fully automatic two-stage output operation for selected burners
- operational status signalization or operational data transfer for outer loop control
- boiler control by thermal sensor or by outer loop control
- delivery of assembled or disassembled boiler upon request
- upon request left or righ opening of both closing and burner plate
- easy access to sight hole and combustion chamber overpressure measuring point
- possibility of cascade operation by outer loop control

G 700

Cast-iron boiler for a jet burner

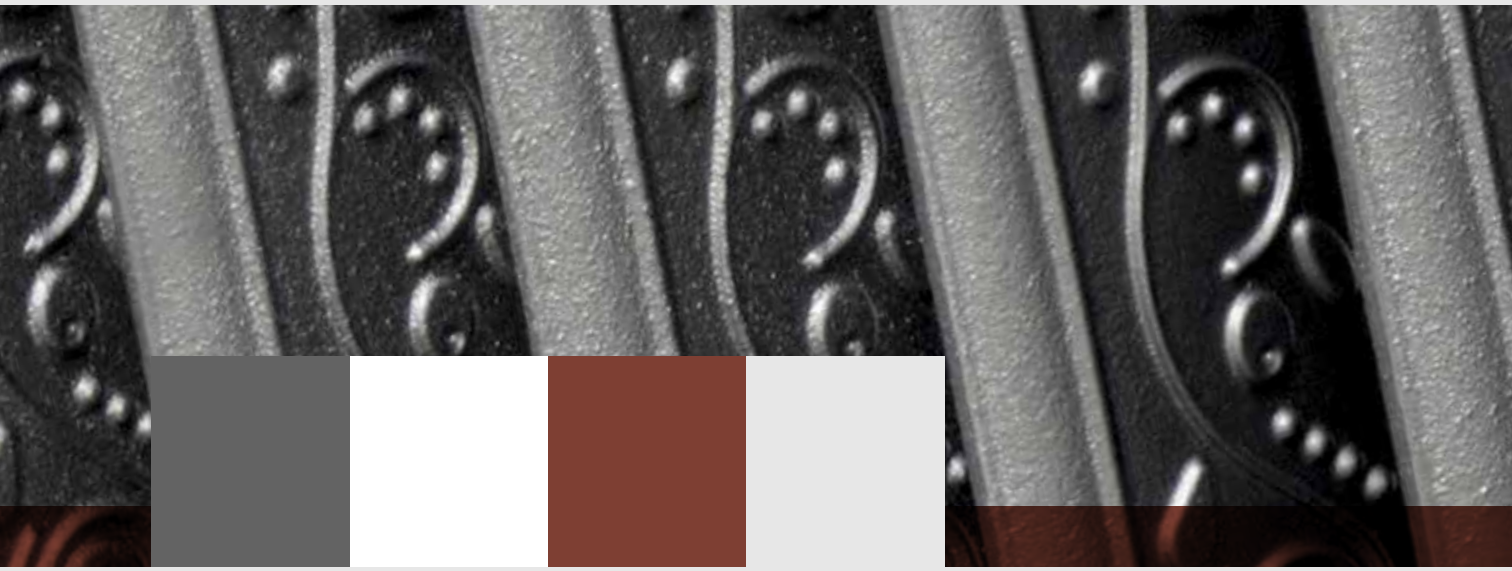
VIADRUS G 700 boiler is a three-draft stationary boiler equipped with a cast-iron exchanger and an overpressure combustion chamber. It is determined for low pressure water central heating systems achieving the maximal heat transferring medium temperature up to 90 °C (optionally up to 115 °C).

Output range:
330–750 kW

Advantages:

- long service life of the cast-iron body
- high efficiency for all fuels
- economical operation
- delivery including a burner (on demand)
- fully automatic two-stage output operation for selected burners
- operational status signalization or operational data transfer for outer loop control
- boiler control by thermal sensor or by outer loop control
- delivery of assembled or disassembled boiler upon request
- upon request left or righ opening of both closing and burner plate
- easy access to sight hole and combustion chamber overpressure measuring point
- possibility of cascade operation by outer loop control

Notes



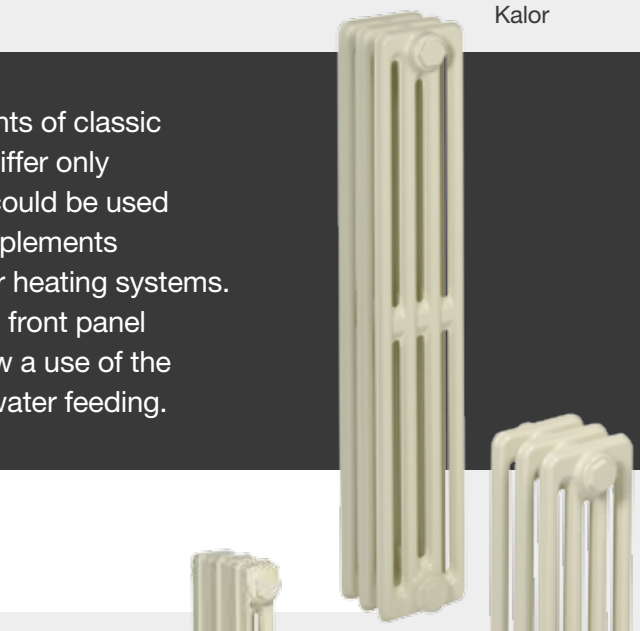
CAST-IRON RADIATORS

Kalor, Kalor 3, Termo

Classic cast-iron radiators

The Kalor radiators are the most popular variants of classic cast-iron heating units. The radiators Kalor 3 differ only by the supplemented front panel. Both types could be used without problems also as replacements or supplements of heating units during reconstructions of older heating systems. The Termo is a more subtile variant featuring a front panel and lower section water volume. All types allow a use of the integrated thermostatic valves with a bottom water feeding.

Output:
53.8 – 149.7 W / section


Kalor


Kalor 3


Termo

Advantages:

- almost unlimited service life
- standard batteries with a 20-year guarantee
- classic design and the side bottom connection and compatible integrated valve
- easy to clean and hygienic operation (Kalor)
- variable heating output
- assembly with final coating in RAL tones upon request
- possibility of additional output change
- possible radiator sections with an integrated valve to side or bottom connection
- variable fixations

Bohemia, Bohemia R, Hellas

Retro cast-iron radiator

The Retro radiators allow heating of the stylish interior designs with classic and in long-term proved materials making a unique retro design. Bohemia and Hellas are suitable interior heating designs in the “retro” or “industry” styles. They are excellent for reconstructing heating systems in historic buildings.

Bohemia

Output:
70 – 169 W / section

Bohemia R

Advantages:

- almost unlimited service life
- ageless and authentic retro design
- standard 10-section batteries assembled in our factory with a 20-year warranty
- optional final coating in RAL colors
- optional industrial look with clear coating
- floor standing

Hellas

Styl

Design cast-iron radiator

Heating units Styl enable heating in designed interiors. In addition they offer an elegant use of the bottom connections with integrated thermostatic valves. The radiators Styl are perfectly accessible for the maintenance and their operations are thus highly hygienic.

Output:
70 W / section

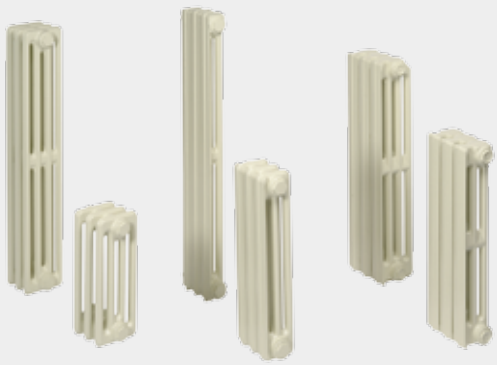
Advantages:

- almost unlimited service life
- easy to clean and hygienic operation
- bottom connection and integrated valve compatible
- standard 10-section batteries assembled in our factory with a 20-year warranty and factory-assembled
- optional final coating in RAL colors
- optional industrial look with clear coating

Above-standard surface finish

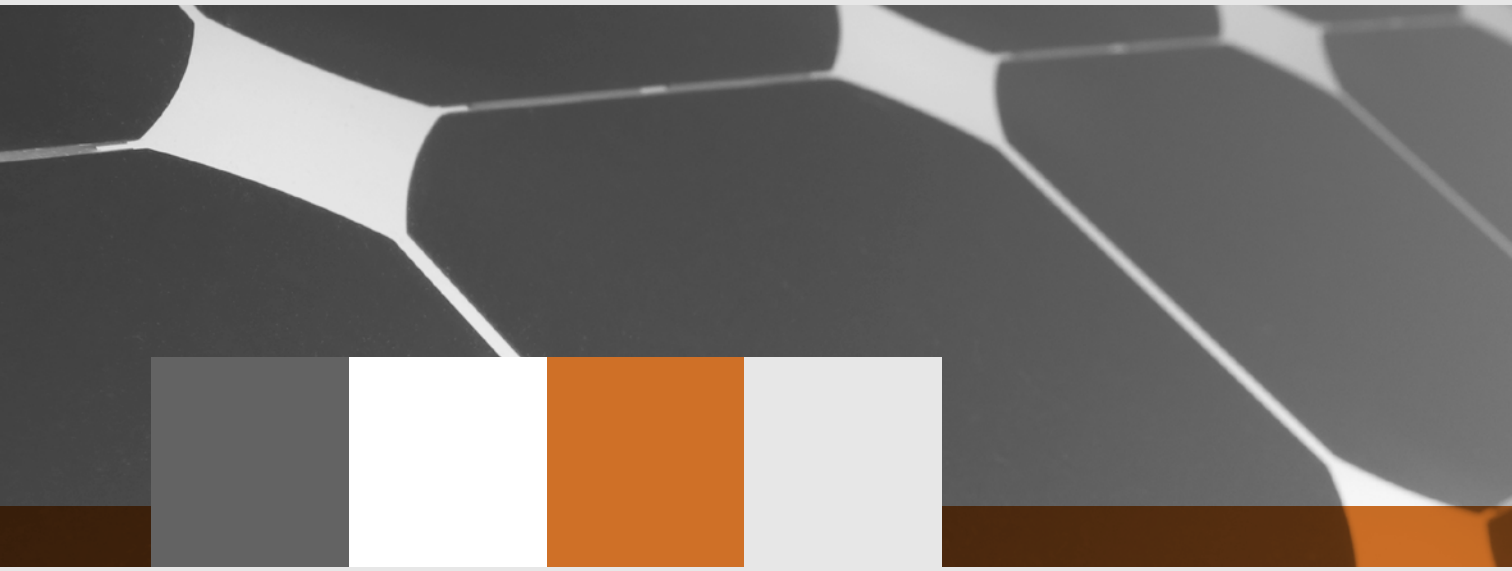
Cast-iron radiators

The new style of the surface finish of cast-iron radiators goes back to the original appearance of castings. Functional minimalist modification amplifies the look which perfectly suits to modern interiors and also historic buildings.



Available for the following radiators:

- Kalor
- Kalor 3
- Termo
- Bohemia
- Styl
- Hellas



OTHER PRODUCTS

Prometheus

Cast-iron fireplace inserts Prometheus

These inserts provide an ideal source of heat especially for recreational facilities or stylish furnished interiors. Their material guarantees a long service life and an ideal heat transfer into a room.

Output:
9 kW

Advantages:

- long service life of the cast-iron construction
- secondary combustion
- both panoramic and flat glass
- simple operation and maintenance
- easy installation
- assembled delivery

Water heaters

OV – H 100, OV – TC, OV 100

Water heaters are designed to heat hot water by means of external sources such as solid fuel boilers, gas boilers or alternative heat sources for households and other buildings.

Volume range::
50 – 500 l

Advantages OV – H 100:

- compatible with all types of boilers
- enamelled inner side treatment
- heating spiral included
- possible connection of a circulation pump

Advantages OV – TC:

- wide-area spiral exchanger
- two magnesium anodes
- ceramic enamel

Advantages OV 100:

- heating
- double enamel layer for inner surface protection
- adjustable DHW temperature
- economic operation
- quick DHW heating
- easy installation and maintenance
- possible DHW offtake at several places at the same time

Storage tanks AkuCOMFORT

For heating and hot water preparation

The storage tanks serve primarily for an optimization of the thermal energy management in case of use of solid fuel boilers, pyrolytic boilers, solar systems and other low potential sources or vice versa of heating sources that are difficult to regulate.

AkuCOMFORT

Volume range:
200–2,000 l

Advantages:

- combination of more heat sources in one building
- immediate supply of accumulated heat in time of need
- storage of surplus heat from difficult regulated sources (hot-water fireplaces, solid fuel boilers)
- prolongation of heating intervals in a temporary period
- possibility of connection of an additional electrical heating source
- hot water heating for chosen types

Heat carrier:

- distilled water
- treated water with corrosion inhibitors

AkuCOMFORT:

- upper ribbed copper spiral for flow heating of hot water
- lower steel spiral with a possibility of connection of other heating agents (e.g. glycol in solar systems)
- heat accumulation for heating and possibility of DHW preparation
- possibility of connection of more heat sources
- compatible with an additional electrical heating source
- removable insulation
- supply with or without insulation

AkuECONOMY / AkuECONOMY S / AkuCOMBI

AkuECONOMY

AkuCOMBI

AkuECONOMY:

- simple storage tank
- only heat accumulation for heating
- possibility of connection of more heat sources
- compatible with an additional electrical heating source
- removable insulation
- supply with or without insulation

AkuECONOMY S:

- steel spiral with a possibility of connection of other heating agents (e.g. glycol in solar systems)
- only heat accumulation for heating
- possibility of connection of more heat sources
- compatible with an additional electrical heating source
- removable insulation
- supply with or without insulation

AkuCOMBI:

- design „tank-in-tank”
- inner hot water storage tank enamelled inside
- one spiral inside storage tank for hot water heating
- hot water heating with a spiral or ambient heating water in the main storage tank
- possibility of connection of more heat sources
- compatible with an additional electrical heating source
- non-removable insulation
- supply only with insulation

Space Energy (COMBI)

Solar systems for hot water heating (and supplemental heating)

Solar systems Energy Space are designed for hot water preparation using renewable energy sources with an emphasis on ecology, comfort of operation and minimization of the operational costs.

Advantages:

- eco-friendly and economical water heating, eventually home heating (Space Energy Combi)
- high year-round energy efficiency
- complete solar systems
- possibility of mounting on any type of roof
- high mechanical resistance of the solar storage tank
- possible water heating with cooperation of a boiler
- high-quality European product with certificate ISFH Z-W3205
- used materials are corrosion-resistant
- extended guarantee period for the key components
- undemanding service and maintenance

EcoExpert

Heat pumps air/water

Use the heat in the air. Environmentally friendly heating, the operations of which are unbeatable in costs, save your purse. We offer the complete assortment of the most modern technology of the highest quality.

Output range:
7.4 – 30.4 kW

Heats pumps air/water:

Advantages:

- easy installation
- lower input costs without expensive ground works
- efficient operation up to –25 °C
- quality sound insulation
- outdoor or indoor installation

EcoExpert

Heat pumps ground/water

Use the heat from the ground. Environmentally friendly heating, the operations of which are unbeatable in costs, save your purse. We offer the complete assortment of the most modern technology of the highest quality.

Output range:
5.3–92.3 kW

Geothermal heat pumps:

Advantages:

- stable output all year round
- possibility of covering 100% of heat source needs

Disadvantages:

- extensive ground works for ground area collector
- necessity of a building permit for well drilling

EcoExpert

Heat pumps water/water

Use the heat from the underground water source. Use the heat in the air. Environmentally friendly heating, the operations of which are unbeatable in costs, save your purse. We offer the complete assortment of the most modern technology of the highest quality.

Output range:
49–98.5 kW

Water heat pumps:

Advantages:

- stable output all year round
- high-efficient heating ratio
- lower costs compared with underground wells

Disadvantages:

- imperative building permit
- requirement of stable water temperature above 7 °C
- need of sufficient water quantity and quality


665
6622
2345
234
62

TECHNICAL SPECIFICATIONS

Hercules U 22 C/D

Number of section	pcs	2	3	4	5	6	7	8	9	10
Rated output – coke and hard coal	kW	11.7	17.7	23.3	29.1	34.9	40.7	46.5	52.3	58.1
Rated output – firewood	kW	•	•	20.0	25.0	30.0	35.0	40.0	45.0	49.0
Efficiency – coke and hard coal	%	75–80								
Efficiency – firewood	%	•	•	75						
Dimensions – height × width	mm	975 × 520								
Dimensions – U 22 C, depth	mm	560	655	750	845	940	1,035	1,130	1,225	1,320
Dimensions – U 22 D, depth	mm	•	•	750	845	940	1,035	1,130	1,225	1,320
Weight U 22 C	kg	198	218	252	282	312	347	377	417	448
Weight U 22 D	kg	•	•	252	282	312	347	377	417	448
Fire chamber depth – U 22 C	mm	149	244	339	434	529	624	719	814	909
Fire chamber depth – U 22 D	mm	•	•	339	434	529	624	719	814	909
Chimney connection diameter – U 22 C	mm	156	156	156	156	156	156	156	176	176
Chimney connection diameter – U 22 D	mm	•	•	156	156	156	156	156	176	176
Chimney draught – U 22 C	mm	>12	>14	>16	>18	>20	>22	>24	>26	>28
Chimney draught – U 22 C	mm	•	•	>16	>18	>20	>22	>24	>26	>28

Hercules U 22 Basic

Number of section	pcs	3	4	5	6	7	8	9	10
Rated output – coke, hard coal and firewood	kW	17.7	23.3	29.1	34.9	40.7	46.5	52.3	58.1
Efficiency – coke, hard coal and firewood	%	75–80							
Dimensions – height × width	mm	920 × 510							
Dimensions – depth	mm	682.5	778.5	874.5	970.5	1,066.5	1,162.5	1,258.5	1,354.5
Weight	kg	218	252	282	312	347	377	417	448
Fire chamber depth	mm	244	339	434	529	624	719	814	909
Chimney connection diameter	mm	156	156	156	156	156	156	176	176
Chimney draught	Pa	>14	>16	>18	>20	>22	>24	>26	>28
Heating and return water connection	•	DN50							

Hercules U 26

Number of section	pcs	3	4	5	6	7	8	9	10
Rated output – coke	kW	15.0	22.5	30.0	37.5	43.5	50.0	56.0	63.0
Rated output – hard coal	kW	11.0	16.5	22.5	31.0	39.5	45.5	51.5	58
Rated output – firewood	kW	8.0	15.8	23.5	28.3	33.0	35.0	40.5	46.0
Efficiency coke / hard coal / firewood	%	80 / 75 / 75							
Dimensions – height × width	mm	1,130 × 545							
Dimensions – depht	mm	651	762	873	984	1,095	1,206	1,317	1,428
Weight	kg	218	258	298	348	398	448	498	548
Fire chamber depth	mm	185	295	405	515	625	735	845	955
Recommended firewood log lenght	mm	300	300	350	400	500	600	700	800
Stokehole size	mm	300 × 320							
Chimney connection diameter	mm	156	156	156	156	156	176	176	176
Chimney draught	Pa	>10	>15	>20	>25	>30	>30	>35	>40

Hercules U 26 ECO

Number of section	pcs	4	5	6	7	8	9	10
Rated output – coke	kW	15.0	22.5	30.0	35.5	40.5	45.0	50.0
Efficiency	%	76.4	78.5	80.4	81.1	82.2	83	84.1
Dimensions – height × width	mm	1160×600						
Dimensions – depht	mm	754	865	976	1087	1198	1309	1420
Weight	kg	268	312	366	420	474	528	582
Fire chamber depth	mm	295	405	515	625	735	845	955
Stokehole size	mm	300×320						
Chimney connection diameter	mm	156	156	156	176	176	176	176
Chimney draught	Pa	>15	>20	>25	>30	>30	>35	>40

Hercules U 24

Number of section	pcs	3	4	5	6	7	8	9	10
Rated output – coke	kW	17	25	37	46	52	58	66	74
Rated output – hard coal	kW	16	25	32	42	46	53	60	67
Rated output – soft coal	kW	13	19	25	31	37	43	49	55
Efficiency coke / hard coal / soft coal	%	80 / 79 / 78							
Dimensions – height × width	mm	1,160 × 660							
Dimensions – depht	mm	710	830	1,050	1,160	1,270	1,380	1,490	1,600
Weight	kg	262	312	362	412	462	512	562	612
Fire chamber depth	mm	220	330	440	550	660	770	880	990
Stokehole size	mm	245 × 195							
Chimney connection diameter	mm	156	156	156	156	156	176	176	176
Chimney draught	Pa	>13	>14	>15	>20	>22	>28	>30	>42

Hercules U 28

Number of section	pcs	4	5	6	7
Rated output – soft coal	kW	19	25	30	35
Rated output – hard coal	kW	20	27	35	44
Efficiency hard coal / soft coal	%	78 / 79.5	79.5 / 79	81 / 79.5	82 / 78
Dimensions – height × width	mm	1,165 × 695			
Dimensions – depth	mm	831	942	1053	1164
Boiler body with w/o jacket	mm	601.2			
Boiler body depth w/o fitting	mm	506.2	617.2	728.2	839.2
Weight	kg	364	437	510	583
Fire chamber depth	mm	311	422	533	644
Stokehole size	mm	318 × 265			
Chimney connection diameter	mm	156	156	156	156
Chimney draught soft coal / hard coal	mbar	0.16 / 0.2	0.2 / 0.23	0.25 / 0.27	0.3 / 0.3

Lignator

Number of section	pcs	5	6	7	8	9	10
Rated output	kW	13.5	17.5	22.5	25.5	30	34
Efficiency	%	86.6	89.6	89.4	87.7	87.1	87.9
Dimensions – height × width	mm	1,221 × 600					
Dimensions – depht	mm	1,133	1,244	1,355	1,466	1,577	1,688
Weight	kg	369	421	472	524	576	628
Fire chamber depth	mm	260	360	480	580	680	780
Recommended firewood log length	mm	250	350	470	570	670	770
Stokehole size	mm	310 × 236					
Chimney connection diameter	mm	160					
Chimney draught	Pa	15	16	15	16	17	16
Connecting voltage	W	1/N/PE 230 V AC 50 Hz TN-S					
Maximum electric input	W	180					

Hefaistos P1

Number of section	pcs	3	4	5	6	7
Rated output	kW	30.0	40.0	49.5	75.0	100.0
Efficiency	%	83–89				
Dimensions – height × width	mm	1,690 × 830				
Dimensions – depht	mm	1,170	1,310	1,450	1,790	1,940
Weight	kg	584	702	820	959	1,077
Fire chamber depth	mm	350	490	640	780	920
Recommended firewood log length	mm	330	470	610	750	890
Stokehole size	mm	500 × 260				
Chimney connection diameter	mm	160	160	160	200	200
Chimney draught	Pa	25–35				
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S				
Maximum electric input	W	180	180	180	800	800

Hercules DUO

Number of section	pcs	4	5	6	7
Modulating or rated output	kW	6.0–20.0	7.5–25.0	9,0–30.0	10.5–35.0
Efficiency – soft coal	%	<83.1	<85.0	<87.0	<89.0
Efficiency – hard coal	%	<84.2	<85.0	<86.0	<87.0
Efficiency – wooden pellets	%	<87.3	<87.4	<87.5	<87.5
Burning time at rated output – soft coal, small / big reservoir	hour	36:15 / 71:30	29:10 / 57:20	24:30 / 48:15	21:15 / 42:00
Burning time at rated output hard coal, small / big reservoir	hour	45:10 / 88:40	36:30 / 71:35	30:35 / 60:15	26:25 / 52:00
Burning time at rated output wooden pellets coal, small / big reservoir	hour	27:10 / 53:20	21:45 / 42:40	18:10 / 35:35	15:30 / 30:30
Fire chamber depth	mm	760	870	980	1,090
Dimensions incl. small / big reservoir – width	mm	1,340 / 1,990			
Dimensions incl. small / big reservoir – height	mm	1,940			
Weight – small / big reservoir	kg	465 / 496	517 / 547	569 / 598	621 / 649
Chimney connection diameter	mm	156			
Chimney draught	Pa	15–20	15–20	20–25	20–25
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S			
Maximum electric input	W	85			

Ekoret

Number of section	pcs	3	4
Modulating output – hard coal	kW	4.5–15.0	6.6–22.0
Modulating output – soft coal	kW	4.5–15.0	6.6–22.0
Modulating output – wooden pellets	kW	4.5–15.0	6.6–22.0
Efficiency – hard coal	%	<83.2	<86.4
Efficiency – soft coal	%	<84.3	<87.7
Efficiency – wooden pellets	%	<84.7	<86.6
Burning time at rated output – soft coal, small / big reservoir	hour	67:40 / 132:50	40:30 / 79:30
Burning time at rated output hard coal, small / big reservoir	hour	52:30 / 103:00	31:20 / 61:30
Burning time at rated output wooden pellets coal, small / big reservoir	hour	41:50 / 82:10	25:10 / 49:25
Dimensions incl. small reservoir – height × width × depth	mm	1,385 × 1,590 × 690	
Dimensions incl. big reservoir - height × width × depth	mm	2,035 × 1,590 × 690	
Height with open reservoir	mm	1,897	
Weight – small / big reservoir	kg	359 / 392	385 / 418
Chimney connection diameter	mm	150	
Chimney draught	Pa	10–20	
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S	
Maximum electric input	W	230	

Hercules Green Eco Therm

Number of section	pcs	5 (25X)	7 (32X)
Modulating output	kW	7.5–25.0	9.5–32.0
Efficiency	%	<86.8	<87.9
Burning time at minimal / rated output (wooden reservoir)	hour	60.7–14.2	35.4–10.6
Burning time at minimal / rated output (steel reservoir)	hour	335.7–78.3	195.8–58.8
Dimensions – height × width	mm	1,050 × 550	
Dimensions – depth	mm	1,335	1,527
Dimensions incl. burner – height × widht × depth	mm	1,310 × 1,218 × 1,355	1,310 × 1,218 × 1,527
Weight	kg	312	377
Chimney connection diameter	mm	160	160
Chimney draught	Pa	15–20	25–30
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S	
Maximum electric input during operation / ignition	W	100 / 1200	

Vulcanus

Number of section	pcs	4	5	6	7
Modulating or rated output	kW	6.0–20.0	7.5–25.0	9.0–30.0	10.5–35.0
Efficiency – soft coal	%	<83.1	<85.0	<87.0	<89.0
Efficiency – hard coal	%	<84.2	<85.0	<86.0	<87.0
Efficiency – wooden pellets	%	<87.3	<87.4	<87.5	<87.5
Burning time at rated output – soft coal, small / big reservoir	hour	36:15 / 71:30	29:10 / 57:20	24:30 / 48:15	21:15 / 42:00
Burning time at rated output hard coal, small / big reservoir	hour	45:10 / 88:40	36:30 / 71:35	30:35 / 60:15	26:25 / 52:00
Burning time at rated output wooden pellets coal, small / big reservoir	hour	27:10 / 53:20	21:45 / 42:40	18:10 / 35:35	15:30 / 30:30
Fire chamber depth	mm	760	870	980	1,090
Dimensions incl. small / big reservoir – width	mm	1,340 / 1,990			
Dimensions incl. small / big reservoir – height	mm	1,940			
Weight – small / big reservoir	kg	465 / 496	517 / 547	569 / 598	621 / 649
Chimney connection diameter	mm	156			
Chimney draught	Pa	15–20	15–20	20–25	20–25
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S			
Maximum electric input	W	100			

Woodpell

Number of section	pcs	5	7
Modulating output	kW	5.8–16.0	7.8–25.0
Efficiency	%	85.0	84.9
Burning time at minimal / rated output (steel reservoir)	hour	398–115	286–72
Dimensions incl. burner – height × width	mm	1,050 × 550	
Dimmensions incl. burner – depth	mm	1,070	1,260
Dimmensions incl. burner – height × width × depth	mm	1,820 × 1,410 × 1,480	
Weight	kg	358	433
Chimney connection diameter	mm	160	
Chimney draught	Pa	15–25	20–30
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S	
Maximum electric input	W	39	

Hercules ECO

Number of section	pcs	5	10
Modulating output	kW	7–24	13–42
Efficiency	%	83.0	84.3
Burning time at minimal / rated output (steel reservoir)	hour	261.0–80.0	120.5–43.5
Dimensions incl. burner – height × width	mm	1,070 × 520	
Dimmensions incl. burner – depth	mm	870	1,340
Dimmensions incl. burner – height × width × depth	mm	1,410 × 1,940 × 1,200	1,410 × 1,940 × 1,680
Weight	kg	441	645
Chimney connection diameter	mm	160	
Chimney draught	Pa	15–25	20–30
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S	
Maximum electric input	W	230	295

Conversion kit for Hercules U 22 boiler

Number of section	pcs	5	7
Modulating output	kW	5.8–16.0	7.8–25.0
Efficiency	%	85.0	84.9
Burning time at minimal – nomilan output (standard metal reservior)	hour	398–115	286–72
Dimensions incl. burner – height × width	mm	1,050 × 550	
Dimmensions incl. burner – depth	mm	1,070	1,260
Dimmensions incl. burner – height × width × depth	mm	1,820 × 1,410 × 1,480	
Weight	kg	358	433
Chimney connection diameter	mm	160	
Chimney draught	Pa	15–25	20–30
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S	
Maximum electric input	W	39	

Conversion kit for Hercules U 26 boiler

Number of section	pcs	4	5	6	7
Adjustable output	kW	6–20	7.5–25	9.0–30.0	10.5–35.0
Efficiency – soft coal	%	<83.1	<85.0	<87.0	<89.0
Efficiency – hard coal	%	<84.2	<85.0	<86.0	<87.0
Efficiency – wooden pellets	%	<87.3	<87.4	<87.5	<87.5
Burning time at minimal / rated output – soft coal, small / big reservoir	hour	36:15 / 71:30	29:10 / 57:20	24:30 / 48:15	21:15 / 42:00
Burning time at minimal / rated output – hard coal, small / big reservoir	hour	45:10 / 88:40	36:30 / 71:35	30:35 / 60:15	26:25 / 52:00
Burning time at minimal / rated output – wooden pellets, small / big reservoir	hour	27:10 / 53:20	21:45 / 42:40	18:10 / 35:35	15:30 / 30:30
Dimensions – depth	mm	760	870	980	1,090
Total width – small / big reservoir	mm	1,340 / 1,990			
Total width – small / big reservoir	mm	1,940			
Weight – small / big reservoir	kg	465 / 496	517 / 547	569 / 598	621 / 649
Chimney connection diameter	mm	156			
Chimney draught	Pa	15–20	15–20	20–25	20–25
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S			
Maximum electric input	W	85			

NAOS K4

Variations		K4G1S24ZX	K4G1S24PX	K4G2S24ZX	K4G2S24PX	K4G3S24ZX	K4G3S24PX
Heating output range	kW	5–24					
Rated output 80/60 °C	kW	22.2					
Rated output 50/30 °C	kW	P=24					
Minimal output 50/30 °C	kW	P=5					
Rated input – max.	kW	Q=22.8					
Rated input – min.	kW	Q=4.6					
Dimensions – width × height × depth	mm	460 × 720 × 320					
Weight	kg	26		27.5		26.5	
Efficiency nominal output and temperature gradient 80 / 60 °C	%	až 98					
Efficiency nominal output and temperature gradient 50 / 30 °C	%	až 105					
Fuel volumetic flow rate	$m^3/hour^{-1}$	0.5–2.4	0.2–0.9	0.5–2.4	0.2–0.9	0.5–2.4	0.2–0.9
Fuel mass flow rate	$kg.h^{-1}$	8–45					
No_x Class	•	5					
Flue gases maximal temperature	°C	85					
Noise level	dB	< 50					
Connecting voltage	•	1/N/PE 230VAC 50 Hz, TN-S					

Claudius K 2 L

Number of section	pcs	2	3	5
Heating output range for temperature gradient 50/30 °C	kW	3,5–16,0	5,3–24,0	11,5–49,5
Heating output range for temperature gradient 80/60 °C	kW	14,5	21,7	45,0
Fuel consumption	m³/hour	0,38–1,76	0,43–2,53	1,17–5,04
Efficiency for temperature gradient 50/30 °C	%	<101,4	<106,6	<106,0
Efficiency for temperature gradient 80/60 °C	%	<98,0		
Dimensions – width × height × depth	mm	485 × 934 × 560	485 × 934 × 560	570 × 934 × 560
Weight	kg	60	69	95
Air intake and flue gases outlet connection diameter	mm	ø80		
Chimney connection diameter	•	60/80		
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S		
Maximum electric input	W	110		

Garde G 42/G 42 ECO

Number of section	pcs	2	3	4	5	6	7
Rated heating output (1st/2nd stage) – natural gas	kW	8	12/17	18/26	27/34	35/41	42/49
Rated heating output (1st/2nd stage) – propane	kW	7	14	22	30	36	42
Fuel consumption G42 (1st/2nd stage) – natural gas	m³/hour	0,932/•	1,980/1,390	2,953/2,072	3,920/3,141	4,727/4,641	5,605/4,837
Fuel consumption G42 – propane	m³/hour	0,317	0,624	0,936	1,162	1,473	1,796
Fuel consumption G42 ECO (1st/2nd stage) – natural gas, OVO burner	m³/hour	0,935/•	1,952/1,365	2,985/2,029	3,889/3,075	4,696/4,041	5,737/4,822
Efficiency (natural gas/propane)	m³/hour	0,316	0,624	1,002	1,338	1,605	1,878
Efficiency (natural gas/propane)	%	<93/<92					
Dimensions – depth × height	mm	733 × 934	733 × 934	733 × 934	733 × 934	773 × 934	773 × 934
Dimensions – width	mm	485	485	485	570	740	740
Weight	kg	75	100	122	146	172	193
Chimney connection diameter	mm	80	110	130	160	170	180
Chimney draught	Pa	>2,5					
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S					
Maximum electric input	kW	0,1					

Grand G 36/G 36 BM

Number of section	pcs	3	4	5	6	7
Adjustable rated heating output	kW	12–17	18–26	27–34	35–41	42–49
Fuel consumption	m³/hour	1,39–1,98	2,07–2,95	3,14–3,92	4,04–4,73	4,84–5,61
Efficiency	%	<92				
Dimensions – depth × height	mm	733 × 934	733 × 934	733 × 934	773 × 934	773 × 934
Dimensions – width	mm	485	485	570	740	740
Weight	kg	100	123	147	175	199
Chimney connection diameter	mm	110	130	160	170	180
Chimney draught	Pa	>2,5				
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S				
Maximum electric input	kW	0,1				

G 90

Number of section	pcs	8	10	12	15
Rated heating output (1st/2nd stage)	kW	49/64	56/80	67/96	84/120
Fuel consumption	m³/hour	5.56/7.16	6.50/9.25	7.85/11.32	10.05/13.61
Efficiency	%	<89/<91	<92	<92	<92
Dimensions – width × height	mm	880×1,160	940×1,160	940×1,160	940×1,160
Dimensions – depth	mm	995	1,155	1,315	1,555
Weight	kg	242	339	399	489
Chimney connection diameter	mm	200	200	225	250
Chimney draught	Pa	>2,5			
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S			
Maximum electric input	W	50			

Hercules U 22 P/N

Number of section	pcs	3	4	5	6	7	8	9	10
Rated output	kW	17.7	23.3	29.1	34.9	40.7	46.5	52.3	58.1
Efficiency	%	89							
Dimensions – height (w/control box) × width	mm	1,010/990×520							
Dimensions – depth	mm	590	690	780	880	970	1,070	1,160	1,260
Weight	kg	218	252	282	312	347	377	417	448
Fire chamber depth	mm	240	340	430	530	620	720	810	910
Chimney connection diameter	mm	156							
Chimney draught	Pa	>5							
Connecting voltage	•	1/N/PE 230 V AC 50 Hz TN-S							
Maximum electric input	kW	<0,1							

G 50

Number of section	pcs	2	3	4	5	6
Rated heating output – oil/natural gas	kW	25/22	37/33	46	60	80
Efficiency	%	92.5–95.4				
Dimensions – height (w/control box) × width	mm	968×600/808×600				
Dimensions – depth	mm	490	640	790	940	1090
Fire chamber depth	mm	200	350	500	650	800
Weight	kg	150	235	320	405	490
Chimney connection diameter	mm	130	130	150	150	150
Chimney draught	Pa	>5	>5	>10	>10	>10

G 350

Number of section	pcs	4	5	6	7	8	9	10	11
Rated output	kW	92,5	125,0	157,5	190,0	222,5	255,0	287,5	320,0
Efficiency	%	92,5–94,0							
Dimensions – height (w/control box) × width	mm	1296 × 800 / 1141 × 800							
Dimensions – depth	mm	990	1140	1290	1440	1590	1740	1890	2040
Fire chamber depth	mm	485	635	785	935	1085	1235	1385	1635
Weight	kg	402	500	597	695	792	890	987	1085
Chimney connection diameter	mm	210							
Chimney draught	Pa	>5							

G 700

Number of section	pcs	10	11	12	13	14	15
Rated output	kW	330	400	470	550	650	750
Efficiency	%	>91,5					
Dimensions – height (w/control box) × width	mm	1424 × 904					
Dimensions – depth	mm	1780	1930	2080	2230	2380	2530
Fire chamber depth	mm	1380	1530	1680	1830	1980	2130
Weight	kg	1660	1815	1970	2125	2280	2430
Chimney connection diameter	mm	250	250	250	300	300	300
Chimney draught	Pa	>20					

Kalor

Radiator type		350/160	500/70	500/110	500/160	500/220	600/160	900/70	900/160
Nipple spacing/total depth	mm	350/160	500/70	500/110	500/160	500/220	600/160	900/70	900/160
Total height	mm	430	580	580	580	580	680	980	980
Dry section	kg/pcs	4,30	3,20	4,00	5,60	6,95	6,60	5,20	10,60
Heating output	W/pcs	70,3	53,8	70,3	91,7	119,7	109,8	82,9	149,7
Water volume	l/pcs	0,8	0,5	0,8	1,1	1,3	1,2	0,8	1,5

Kalor 3

Radiator type		350/160	500/70	500/110	500/160	900/70
Nipple spacing/total depth	mm	350/160	500/70	500/110	500/160	900/70
Total height	mm	430	580	580	580	980
Dry section	kg/pcs	4,90	3,70	4,70	6,20	6,10
Heating output	W/pcs	82,9	60,8	78,3	102,2	95,8
Water volume	l/pcs	0,8	0,5	0,8	1,1	0,8

Termo

Radiator type		500/95	500/130	623/95	623/130	813/95	813/130
Nipple spacing/total depth	mm	500/95	500/130	623/95	623/130	813/95	813/130
Total height	mm	560	560	683	683	873	873
Dry section	kg/pcs	4.35	5.36	5.08	6.46	6.70	8.80
Heating output	W/pcs	73.4	91.0	88.7	108.8	109.3	136.1
Water volume	l/pcs	0.6	0.8	0.8	1.0	1.0	1.3

Bohemia

Radiator type		450/220 w/o leg	450/220 with leg	800/220 w/o leg	800/220 with leg
Nipple spacing/total depth	mm	450/220	450/220	800/220	800/220
Total height	mm	540	640	890	990
Dry section	kg/pcs	9.9	11.4	16.3	17.5
Heating output	W/pcs	110.0	110.0	169.0	169.0
Water volume	l/pcs	2.40	2.40	4.30	4.30

Bohemia R

Radiator type		450/225 w/o leg	450/225 with leg
Nipple spacing/total depth	mm	450/225	450/225
Total height	mm	540	640
Dry section	kg/pcs	10.3	11.8
Heating output	W/pcs	110.0	
Water volume	l/pcs	2.40	

Hellas

Radiator type		270/218 w/o leg	270/218 with leg	470/218 w/o leg	470/218 with leg
Nipple spacing/total depth	mm	270/218	270/218	470/218	470/218
Total height	mm	340	410	540	610
Dry section	kg/pcs	4.9	5.4	7.2	7.7
Heating output	W/pcs	70.0	70.0	108.0	108.0
Water volume	l/pcs	0.85	0.85	1.16	1.16

Styl

Radiator type		500/130
Nipple spacing/total depth	mm	500/130
Total height	mm	580
Dry section	kg/pcs	3.8
Heating output	W/pcs	70.0
Water volume	l/pcs	0.80

Prometheus

Type		Prometheus Fratto		Prometheus Piatto	
Glass shape	•	panorama	panorama	equal	equal
Version	•	51	501	53	503
Rated output	kW	9			
Max. heated space	m^3	150			
Fuel consumption	kg / hour	3.0			
Efficiency	%	67			
Visible width × height	mm	500 × 425	500 × 445	500 × 425	500 × 445
Overall width × height	mm	500 × 540	500 × 560	500 × 540	500 × 560
Depth	mm	425	425	390	390
Weight	kg	80	81	75	77
Chimney connection diameter	mm	150			
Chimney draught	Pa	11 ± 2			

Accumulation tanks

Type designation		AkuECONOMY						
		200L	300L	500L	800L	1000L	1500L	2000L
Heating water tank volume / DHW tank volume	l	200	300	500	800	1,000	1,500	2,000
Overall diameter w / w/o insulation	mm	700 / 550	700 / 550	800 / 600	990 / 790	990 / 790	1,100 / 900	1,300 / 1,100
Overall height	mm	1,105	1,370	1,905	1,730	2,050	2,700	2,410
Flip height	mm	1,234	1,476	1,997	1,902	2,197	2,846	2,649
Dry weight without insulation	kg	60	75	105	125	150	210	235

Type designation		AkuECONOMY S				
		S 500L	S 800L	S 1000L	S 1500L	S 2000L
Heating water tank volume / DHW tank volume	l	500	800	1,000	1,500	2,000
Overall diameter w / w/o insulation	mm	800 / 600	990 / 790	990 / 790	1,100 / 900	1,300 / 1,100
Overall height	mm	1,905	1,730	2,050	2,700	2,410
Flip height	mm	1,997	1,902	2,197	2,846	2,649
Dry weight without insulation	kg	145	173	205	275	310

Type designation		AkuCOMFORT				
		500L	750L	1000L	1500L	2000L
Heating water tank volume / DHW tank volume	l	500	800	1,000	1,500	2,000
Overall diameter w / w/o insulation	mm	800 / 600	990 / 790	990 / 790	1,100 / 900	1,300 / 1,100
Overall height	mm	1,905	1,730	2,050	2,700	2,500
Flip height	mm	2,070	2,000	2,280	2,920	2,820
Dry weight without insulation	kg	145	173	205	275	310

Accumulation tanks

Type designation		AkuCOMBI			
		500/160L	600/200L	800/200L	1000/200L
Heating water tank volume/DHW tank volume	l	340/160	400/200	600/200	800/200
Overall diameter w / w/o insulation	mm	855	855	1,055	1,100
Overall height	mm	1,670	1,840	1,620	1,820
Flip height	mm	1,880	2,030	1,940	2,130
Dry weight without insulation	kg	240	270	460	485

Space Energy

System commercial designation		200F (PLUS)	300F (PLUS)	200V (PLUS)	300V (PLUS)	350V COMBI	500V COMBI	750V COMBI	900V COMBI	1250V COMBI
Type of collector	•	flat		tube						
Number of collectors in the set	pcs	2	3	2	3	3	5	6	8	12
Approximate capacity of heating water	pers.	2+1	3+1	2+1	2+2	2+1	2+2	2+3	3+3	3+3
Approximate capacity of heated area	m^3	•	•	•	•	100	150	200	200	300
Efficient surface of one collector	m^3	1.853		1.897						
Dimensions of one collector width × height × depth	mm	1,018×2,019×81		1,105×1,937×121						
Volume of heating storage tank	l	•	•	•	•	250	330	580	700	1,050
Volume of water storage tank	l	200	300	200	300	100	150	150	200	200
Weight of storage tank	kg	136	164	136	164	128	166	200	234	278
Dimensions of storage tank – Ø × height	mm	164×1,340	610×1,797	610×1,340	610×1,797	850×1,376	850×1,735	990×1,800	990×2,150	1,200×1,900
Volume of expansion vessel in the set	l	18	18	24	50	50	80	80	100	150

Eco Expert

Type designation		AE 8	AE 11	AE 16	AE 9HE	AE 12HE	AE 17HE	AE 25HE	AE 40HE	AE 60HE	AE 35HER
Heat energy source	•	air/water									
Place of instalation	•	outdoor									
Working mode	•	heating only									heating / cooling
Air, brine, water temp. lim	°C	–25 until +35									
Heating outpu A2, (B0), (W10)/W35	kW	5.8	8.8	12.2	7.6	9.5	14.7	19.7	29.6	50	24.2
COP index	•	3.1	3.2	3.2	3.8	3.8	3.8	3.8	3.9	3.8	4.0
Dimensions – height depth width	mm	940 1,350 600	1,360 1,360 850	1,570 1,550 850	1,460 910 750	1,810 1,250 750	1,940 1,600 952	1,940 1,600 952	2,100 1,735 980	2,300 1,900 1,000	2,100 1,735 980
Dry weight	kg	165	219	264	208	280	436	510	585	915	595

Eco Expert

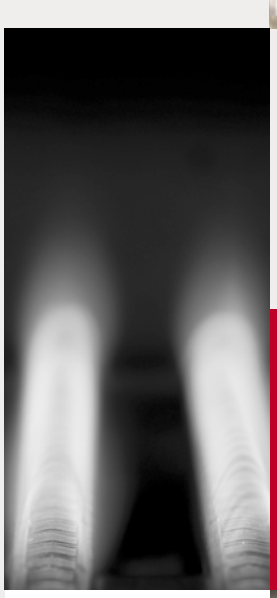
Type designation		AI 9(L)	AI 11	AI 16	AI 20	AI 24	AI 28	AI 40	AI 8	AIK 14MT
Heat energy source	•	air / water								
Place of instalation	•	indoor								
Working mode	•	only heating								
Air, brine, water temp. lim	°C	–25 until +35								
Heating outpu A2, (B0), (W10) / W35	kW	7.4	8.8	12.2	14.9	19.2	22.3	30.4	7.5	10.1
COP index	•	3.2	3.2	3.2	3.1	3.2	3.2	3.9	3.3	3.6
Dimensions – height depth width	mm	1,250 750 680	1,360 880 750	1,570 880 750	1,570 880 750	1,710 1,030 750	1,710 1,030 750	2,100 1,735 890	1,900 750 880	2,100 960 780
Dry weight	kg	177	200	235	255	310	314	590	245	365

Type designation		SI 7	SI 9	SI 11	SI 14	SI 17	SI 30	SI 50	SI 75	SI 100
Heat energy source	•	geotherma / water								
Place of instalation	•	indoor								
Working mode	•	only heating								
Air, brine, water temp. lim	°C	–5 until +25								
Heating outpu A2, (B0), (W10) / W35	kW	6.9	9.2	11.8	14.5	17.1	31.2	45.8	72.7	92.3
COP index	•	4.3	4.4	4.4	4.5	4.5	4.6	4.3	4.2	4.4
Dimensions – height depth width	mm	805 650 462	805 650 462	805 650 462	805 650 462	805 650 462	1,660 1,000 775	1,890 1,350 775	1,890 1,350 775	1,890 1,350 775
Dry weight	kg	111	118	122	130	145	365	486	571	652

Type designation		SIK 7	SIK 9	SIK 11	SIK 14	SI 6HT	SI 9HT	SI 11HT	SI 20HT	SI 40HT	WI 50	WI 100
Heat energy source	•	geothermal / water									water / water	
Place of instalation	•	indoor										
Working mode	•	only heating										
Air, brine, water temp. lim	°C	–5 until +25									+7 until +25	
Heating outpu A2, (B0), (W10) / W35	kW	6.9	9.2	11.8	14.4	6.2	9	11.2	21.8	36.6	49	98.5
COP index	•	4.3	4.4	4.4	4.5	4.6	4.5	4.7	4.7	4.4	6.1	5.8
Dimensions – height depth width	mm	1,115 652 688	1,115 652 688	1,115 652 688	1,115 652 688	805 650 462	805 650 462	805 650 462	1,660 1,000 775	1,890 1,350 775	1,660 1,000 775	1,890 1,350 775
Dry weight	kg	179	180	191	205	118	130	133	307	502	373	593

Notes

Notes



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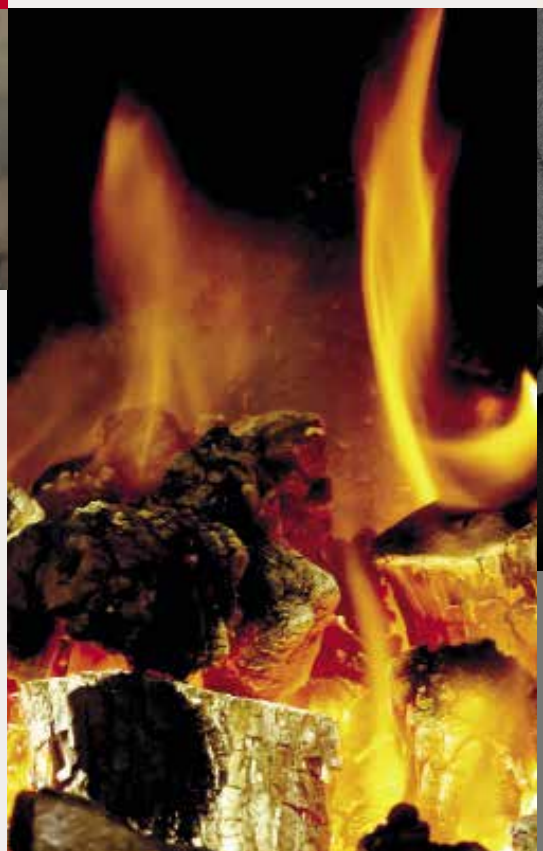

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