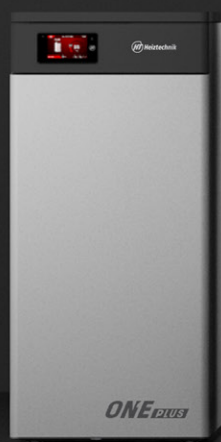
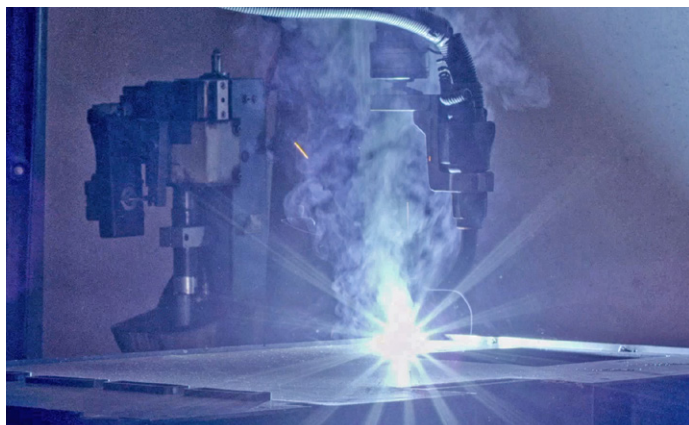




# CATALOGUE

## 04.2022





Production Company **Heiztechnik** is a modern factory that produces boilers for burning solid fuels from **3,9 kW** do **7 MW** and complete container boiler rooms and other heating appliances. Production takes place in modern production facilities using high tech machinery; plasma and laser cutting machines for steel, numerically controlled press brakes and robotic welding stations. Manufactured products are characterized by very high energy efficiency, and simple, easy operation.

The design office continuously modernizes and prepares for production new heating devices.



The success of the company is the creation of a series of **GreenLine** boilers. Boilers fulfill environmental protection and energy efficiency requirements for the highest, **fifth class** and **ECO DESIGN**. These features are achieved by the specific construction of the heat exchanger and extended combustion chamber of **Heiztechnik** boilers. Produced boilers up to 300 kW are suitable for installation in closed systems. The combustion process is controlled by modern automation, which, in addition to professional control of the combustion process in the **HT Logic III** autoregulation system, can manage the entire heat distribution system. The company has been producing heat pumps since 2011. A series of very modern, inverter heat pumps **CALLA VERDE** with a power of 5 - 20 kW, works with the newest, ecological, **R452B** refrigerant. The use of **R452B** and modern components has resulted in heat pumps achieving very high **COP (7.3)** and **SCOP (4.65)** factors. We offer you modern heating devices with capacities from 3,9 kW to 7 MW. Products of the **Heiztechnik** company are probably the widest offer of boilers in Poland and are appreciated on foreign markets.



2022, 2022, 2022, 2020,  
2019, 2018, 2016

**5klasa**  
PN-EN 303-5:2012

**ECO design**  
Rozp. UE 2015/1189



ISO 3834:2006  
Management  
System

www.tuv.com  
ID 9105085778



2010, 2011, 2012, 2013,  
2014, 2015, 2016, 2018



**EKO LAURY**  
Polskiej Izby Ekologii



**POLSKA  
IZBA  
EKOLOGII**



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# ONE PLUS

8 - 20 kW

**5klasa**  
PN-EN 303-6:2012

**ECO design**  
Rozp. UE 2015/1188

A+



## Unit configuration

Available customization:  
boilers can be equipped with  
an upper tank increasing the  
fuel capacity

ONE PLUS with fuel tank extension



5-year warranty on the tightness of the exchanger.



High thermal efficiency >90% thanks to autoregulation of the combustion process and effective heat reception



Compact design ensuring minimum boiler dimensions.



Vertical burner with automatic cleaning, equipped with a igniter, photoelement, thermocouple.



A vertical tubular heat exchanger with an automatic cleaning system.



An exhaust fan, aerating the burner, stabilizing the operation of the boiler and improving the chimney draft.



Turbulators supporting heat exchange.



The boiler is adapted for operation in closed system, in accordance with current regulations.



Weather control **HT-tronic 900** with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module. Equipped with an autoregulation the **HT-Logic III**.



**HT-Logic III** autoregulation is individually programmed for each boiler, it automatically selects the operating parameters and modulates the burner power depending on the boiler temperature, which **reduces the amount of fuel consumed**.



Optimization of the combustion process through the oxygen Lambda probe  
- work in the **iPelL®** standard



The boiler is equipped with a **hydraulic module** consisting of: return protection pump, DHW pump, mixing valve pump, mixing valve with an actuator and a **safety group** consisting of a diaphragm vessel, safety valve and pressure gauge.



The boiler is protected by a return protection pump with a return temperature sensor.

**CZYSZE POWIETRZE**  
**<20mg/m³**  
**INCREASED GRANT**

## Control

HT-tronic@ 900

BOILER CH DHW VALVE

HT-tronic@ 900 Touch

BOILER CH DHW VALVE - option

HT-tronic OPS Lambda

Combustion process optimizer with Lambda probe - basic equipment

## Expanding modules for automation

HT-tronic M-Z2

Valve module ZAW ZAW

HT-tronic M-BC

Module of buffer and circulation BUFORA CYRKUL

HT-tronic Rooms

Remote control panel with room thermostat (Wired)

HT-tronic Rooms Touch

Remote control panel with room thermostat (Touchscreen, Wired)

HT-tronic Rooms Wireless

Remote control panel with room thermostat (Wireless data transmission)

HT-tronic Rooms Touch Wireless

Remote control panel with room thermostat (Touchscreen, Wireless data transmission)

HT-tronic Connect

Web module - access by web browser or mobile application

HT-tronic Climate Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temp., air humidity and atmospheric pressure

HT-tronic Temperature Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temperature

## Additional equipment / Execution option

Extension extending the capacity of the fuel tank

Chimney connections - 120 Ø - page 31

HT SepMag | Dirt separator with magnetizer -1". Expenditure 2.8 m³/h for a pressure drop of 6 kPa

## Basic dimensions and specifications

	kW	8	11	15	20
Rated power	kW	8	11	15	20
Power range	kW	2,4 - 8	2,4 - 11	4,5 - 15	6 - 20
Efficiency	%	93	93	93	93
Dusts	mg/m³	18	18	18	18
Min. chimney draft	Pa	10	12	14	16
Max. work temperature	°C	85	85	85	85
Water capacity	l	54	56	83	85
Maximum operating pressure	Bar	2	2	2	2
Installation connection	"	GZ 1	GZ 1	GZ 1	GZ 1
Chimney connection	mm	120	120	120	120
Boiler mass	kg	270	275	370	375
Tank volume	dm³	75	75	135	135
Tank volume with extension	dm³	150	150	190	190
Boiler width	cm	57	57	70	70
Body depth	cm	73	73	78	78
Body height	cm	133	133	147	147
Body height with extension	cm	175	175	175	175
Height to chimney mid	cm	124	124	139	139



**recommended fuel**

**pellet klasy A1**

**additional fuel**

**pellet klasy A2 i B**

Catalog card





# ONE PLUS BASIC

8 - 20 kW

**5klasa**  
PN-EN 303-6:2012

**ECO design**  
Rozp. UE 2015/1188

**A+**



**NEW!**



## Unit configuration

Available customization:  
boilers can be equipped with  
an upper tank increasing the  
fuel capacity

ONE PLUS BASIC with fuel tank extension



5-year warranty on the tightness of the exchanger.



High thermal efficiency >90% thanks to autoregulation of the combustion process and effective heat reception



Compact design ensuring minimum boiler dimensions.



Vertical burner with automatic cleaning, equipped with a igniter, photoelement, thermocouple.



A vertical tubular heat exchanger with a mechanical, manual cleaning system for the exchanger.



An exhaust fan, aerating the burner, stabilizing the operation of the boiler and improving the chimney draft.



Turbulators supporting heat exchange.



The boiler is adapted for operation in closed system, in accordance with current regulations.



Weather control **HT-tronic 900** with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module. Equipped with an autoregulation the **HT-Logic III**.



**HT-Logic III** autoregulation is individually programmed for each boiler, it automatically selects the operating parameters and modulates the burner power depending on the boiler temperature, which **reduces the amount of fuel consumed**. Works with the Lambda oxygen probe in the **iPelL®** standard - optimization of the combustion process **HT-tronic OPS Lambda**.



Optimization of the combustion process through the oxygen Lambda probe  
- work in the **iPelL®** standard



The boiler is protected by a return protection pump with a return temperature sensor.

**CZyste POWIETRZE**  
**< 20mg/m³**  
**INCREASED GRANT**

## Control

HT-tronic@ 900

BOILER CH HDW VALVE

HT-tronic@ 900 Touch

BOILER CH HDW VALVE - option

HT-tronic OPS Lambda

Combustion process optimizer with Lambda probe - basic equipment

## Expanding modules for automation

HT-tronic M-Z2

Valve module ZAW ZAW

HT-tronic M-BC

Module of buffer and circulation BUFORA CYRKUL

HT-tronic Rooms

Remote control panel with room thermostat (Wired)

HT-tronic Rooms Touch

Remote control panel with room thermostat (Touchscreen, Wired)

HT-tronic Rooms Wireless

Remote control panel with room thermostat (Wireless data transmission)

HT-tronic Rooms Touch Wireless

Remote control panel with room thermostat (Touchscreen, Wireless data transmission)

HT-tronic Connect

Web module - access by web browser or mobile application

HT-tronic Climate Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temp., air humidity and atmospheric pressure

HT-tronic Temperature Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temperature

## Additional equipment / Execution option

Extension extending the capacity of the fuel tank

Automatic cleaning of smoke tubes

Chimney connections - 120 Ø - page 31

HT SepMag Dirt separator with magnetizer -1". Expenditure 2.8 m³/h for a pressure drop of 6 kPa

## Basic dimensions and specifications

	kW	8	11	15	20
Rated power	kW	8	11	15	20
Power range	kW	2,4 - 8	2,4 - 11	4,5 - 15	6 - 20
Efficiency	%	93	93	93	93
Dusts	mg/m³	18	18	18	18
Min. chimney draft	Pa	10	12	14	16
Max. work temperature	°C	85	85	85	85
Water capacity	l	54	56	83	85
Maximum operating pressure	Bar	2	2	2	2
Installation connection	"	GZ 1	GZ 1	GZ 1	GZ 1
Chimney connection	mm	120	120	120	120
Boiler mass	kg	250	255	350	355
Tank volume	dm³	75	75	135	135
Tank volume with extension	dm³	150	150	190	190
Boiler width	cm	57	57	70	70
Body depth	cm	73	73	78	78
Body height	cm	133	133	147	147
Body height with extension	cm	175	175	175	175
Height to chimney mid	cm	124	124	139	139



**recommended fuel**

**pellet klasy A1**

**additional fuel**

**pellet klasy A2 i B**

**Catalog card**



The dimensions given may vary from actual dimensions to 2%. Other detailed dimensions are available on the website.

In order to improve the product, **Heiztechnik** reserves the law to change specifications and equipment. The above prospectus does not constitute an offer within the meaning of commercial law.

# DasPell NEXT

15 - 30 kW

**5klasa**  
PN-EN 303-6:2012

**ECO design**  
Rozp. UE 2015/1188

A<sup>+</sup>



## Unit configuration

Standard configuration: Flue gas discharge by exhaust fan in 5 positions from horizontal at angle: 0°, 45°, 90°, 135°, 180°.



5-year warranty on the tightness of the exchanger.



High thermal efficiency >90% thanks to autoregulation of the combustion process and effective heat reception



Compact design ensuring minimum boiler dimensions.



Vertical burner with automatic cleaning, equipped with a igniter, photoelement, thermocouple.



A vertical tubular heat exchanger with an automatic cleaning system.



An exhaust fan, aerating the burner, stabilizing the operation of the boiler and improving the chimney draft.



Turbulators supporting heat exchange.



The boiler is adapted for operation in closed system, in accordance with current regulations.



Weather control **HT-tronic 900** with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module. Equipped with an autoregulation the **HT-Logic III**.



**HT-Logic III** autoregulation is individually programmed for each boiler, it automatically selects the operating parameters and modulates the burner power depending on the boiler temperature, which **reduces the amount of fuel consumed**.



Optimization of the combustion process through the oxygen Lambda probe - work in the **iPell®** standard



The boiler is equipped with a **hydraulic module** consisting of: return protection pump, DHW pump, mixing valve pump, mixing valve with an actuator and a **safety group** consisting of a diaphragm vessel, safety valve and pressure gauge.



The boiler is protected by a return protection pump with a return temperature sensor.



Flue gas exhaust in five positions from the horizontal at an angle of: 0°, 45°, 90°, 135°, 180°.

**CZYSZE POWIETRZE**  
**< 20mg/m³**  
**INCREASED GRANT**

## Control

HT-tronic® 900

BOILER CH HDW VALVE

HT-tronic® 900 Touch

KOTŁA CO CWU ZAW

HT-tronic OPS Lambda

Combustion process optimizer with Lambda probe - basic equipment

## Expanding modules for automation

HT-tronic M-Z2

Valve module ZAW ZAW

HT-tronic M-BC

Module of buffer and circulation BUFORA CYRKUL

HT-tronic Rooms

Remote control panel with room thermostat (Wired)

HT-tronic Rooms Touch

Remote control panel with room thermostat (Touchscreen, Wired)

HT-tronic Rooms Wireless

Remote control panel with room thermostat (Wireless data transmission)

HT-tronic Rooms Touch Wireless

Remote control panel with room thermostat (Touchscreen, Wireless data transmission)

HT-tronic Connect

Web module - access by web browser or mobile application

HT-tronic Climate Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temp., air humidity and atmospheric pressure

HT-tronic Temperature Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temperature

## Additional equipment / Execution option

Chimney connections - 120 Ø - page 31

The automatic ash removal system

HT SepMag | Dirt separator with magnetizer -1". Expenditure 2.8 m³/h for a pressure drop of 6 kPa

## Basic dimensions and specifications

	kW	15	20	25	30
Rated power	kW	4,5 - 15	6 - 20	7,5 - 25	9 - 30
Power range	kW	4,5 - 15	6 - 20	7,5 - 25	9 - 30
Efficiency	%	17	18	18	19
Dusts	mg/m³	93	93	92	92
Min. chimney draft	Pa	10	12	14	16
Max. work temperature	°C	85	85	85	85
Water capacity	l	75	81	81	119
Maximum operating pressure	Bar	2	2	2	2
Installation connection	"	GZ 1	GZ 1	GZ 1	GZ 1
Chimney connection (inner diameter)	mm	120	120	120	120
Boiler mass	kg	345	405	415	451
Tank volume	dm³	240	240	240	240
Width of the set	cm	85	90	90	95
Boiler width	cm	45	45	45	45
Body depth with a flue gas exhaust	cm	98	98	98	98
Body height	cm	144	144	144	144
Power spigot height	cm	122,5	122,5	122,5	122,5
Height to chimney mid.	cm	120	120	120	120
Return spigot height	cm	34,5	34,5	34,5	34,5



**recommended fuel**

**pellet klasy A1**

**additional fuel**

**pellet klasy A2 i B**

Catalog card





**FLAT****8 - 12 kW****5klasa**  
PN-EN 303-6:2012**ECO design**  
Rozp. UE 2015/1189**A<sup>+</sup>****Unit configuration**

Standard configuration:  
tank on the left side of  
the boiler.

Allows: **exhaust gas outlet**  
upwards, backwards and  
to the right, installation  
connection from the top or  
back of the boiler.



5-year warranty on the tightness of the  
exchanger.



High thermal efficiency >90% thanks  
to autoregulation of the combustion  
process and effective heat reception



Compact design ensuring minimum  
boiler dimensions.  
**Body depth 37 cm**



Vertical burner with automatic  
cleaning, equipped with a igniter,  
photoelement, thermocouple.



A vertical tubular heat exchanger with  
an automatic cleaning system.



An exhaust fan, aerating the burner,  
stabilizing the operation of the boiler  
and improving the chimney draft.



Turbulators supporting heat exchange.



The boiler is adapted for operation  
in closed system, in accordance  
with current regulations.



Weather control **HT-tronic 900** with color display. It controls work 4 pumps and a mixing  
valve. Works with a remote control panel, thermostats and an internet module. Equip-  
ped with an autoregulation the **HT-Logic III**.



**HT-Logic III** autoregulation is individually programmed for each boiler, it automatically  
selects the operating parameters and modulates the burner power depending on  
the boiler temperature, which **reduces the amount of fuel consumed**.



Optimization of the combustion process through the oxygen Lambda probe  
- work in the **iPelL®** standard



The boiler is equipped with a **hydraulic module** consisting of: return protection pump,  
DHW pump, mixing valve pump, mixing valve with an actuator and a **safety group**  
consisting of a diaphragm vessel, safety valve and pressure gauge.



The boiler is protected by a return  
protection pump with a return tem-  
perature sensor.



Exhaust gas exhaust upwards,  
backwards or to the right

**CZyste POWIETRZE**  
**< 20mg/m<sup>3</sup>**  
**INCREASED GRANT**

**Control**

HT-tronic® 900

BOILER CH DHW VALVE

HT-tronic® 900 Touch

KOTŁA CO CWU ZAW - option

HT-tronic OPS Lambda

Combustion process optimizer with Lambda probe - basic equipment

**Expanding modules for automation**

HT-tronic M-Z2

Valve module ZAW ZAW

HT-tronic M-BC

Module of buffer and circulation BUFORA CYRKUL

HT-tronic Rooms

Remote control panel with room thermostat (Wired)

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Remote control panel with room thermostat (Wireless data transmission)

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HT-tronic Connect

Web module - access by web browser or mobile application

HT-tronic Climate Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temp., air humidity and atmospheric pressure

HT-tronic Temperature Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temperature

**Additional equipment / Execution option**

Chimney connections - 120 Ø - page 31

HT SepMag Dirt separator with magnetizer -1". Expenditure 2.8 m³/h for a pressure drop of 6 kPa

**Basic dimensions and specifications**

Rated power	kW	8	11
Power range	kW	2,4 - 8	3,3 - 11
Efficiency	%	18	15
Dusts	mg/m³	93	93
Min. chimney draft	Pa	10	12
Max. work temperature	°C	85	85
Water capacity	l	33	33
Maximum operating pressure	Bar	2	2
Installation connection	"	GZ 1	GZ 1
Chimney connection (inner diameter)	mm	120	120
Boiler mass	kg	236	243
Tank volume	dm³	70	70
Width of the set	cm	115	115
Boiler width	cm	45	45
Body depth with a flue gas exhaust	cm	37	37
Body height	cm	130	130
Height of hydraulic system connectors	cm	114	114
Height to chimney mid. (rear exit)	cm	113	113
height of the exhaust outlet to the top	cm	125	125

**recommended fuel****pellet klasy A1****additional fuel****pellet klasy A2 i B****Catalog card**



# FLAT BASIC

8 - 12 kW

**5klasa**  
PN-EN 303-6:2012

**ECO design**  
Rozp. UE 2015/1189

A<sup>+</sup>



## Unit configuration

Standard configuration:  
tank on the left side of  
the boiler.

Allows: **exhaust gas outlet**  
upwards, backwards and  
to the right, installation  
connection from the top or  
back of the boiler.



5-year warranty on the tightness of the  
exchanger.



High thermal efficiency >90% thanks  
to autoregulation of the combustion  
process and effective heat reception



Compact design ensuring minimum  
boiler dimensions.

**Body depth 37 cm**



Vertical burner with automatic  
cleaning, equipped with a igniter,  
photoelement, thermocouple.



A vertical tubular heat exchanger  
with a mechanical, manual cleaning  
system for the exchanger.



An exhaust fan, aerating the burner,  
stabilizing the operation of the boiler  
and improving the chimney draft.



Turbulators supporting heat exchange.



The boiler is adapted for operation  
in closed system, in accordance  
with current regulations.



Weather control **HT-tronic 900** with color display. It controls work 4 pumps and a mixing  
valve. Works with a remote control panel, thermostats and an internet module. Equip-  
ped with an autoregulation the **HT-Logic III**.



**HT-Logic III** autoregulation is individually programmed for each boiler, it automatically  
selects the operating parameters and modulates the burner power depending on  
the boiler temperature, which **reduces the amount of fuel consumed**.



Optimization of the combustion process through the oxygen Lambda probe  
- work in the **iPelL®** standard



The boiler is protected by a return  
protection pump with a return tem-  
perature sensor.



Exhaust gas exhaust upwards,  
backwards or to the right

**CZYSZE POWIETRZE**  
**< 20mg/m³**  
**INCREASED GRANT**

## Control

HT-tronic® 900

BOILER CH HDW VALVE

HT-tronic® 900 Touch

KOTŁA CO CWU ZAW

HT-tronic OPS Lambda

Combustion process optimizer with Lambda probe - basic equipment

## Expanding modules for automation

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Valve module ZAW ZAW

HT-tronic M-BC

Module of buffer and circulation BUFORA CYRKUL

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Remote control panel with room thermostat (Touchscreen, Wireless data transmission)

HT-tronic Connect

Web module - access by web browser or mobile application

HT-tronic Climate Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temp., air humidity and atmospheric pressure

HT-tronic Temperature Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temperature

## Additional equipment / Execution option

Automatic cleaning of smoke tubes

Chimney connections - 120 Ø - page 31

HT SepMag | Dirt separator with magnetizer -1". Expenditure 2.8 m³/h for a pressure drop of 6 kPa

## Basic dimensions and specifications

Rated power	kW	8	11
Power range	kW	2,4 - 8	3,3 - 11
Efficiency	%	18	15
Dusts	mg/m³	93	93
Min. chimney draft	Pa	10	12
Max. work temperature	°C	85	85
Water capacity	l	33	33
Maximum operating pressure	Bar	2	2
Installation connection	"	GZ 1	GZ 1
Chimney connection (inner diameter)	mm	120	120
Boiler mass	kg	221	228
Tank volume	dm³	70	70
Width of the set	cm	115	115
Boiler width	cm	45	45
Body depth with a flue gas exhaust	cm	37	37
Body height	cm	130	130
Height of hydraulic system connectors	cm	114	114
Height to chimney mid. (rear exit)	cm	113	113
Height of the exhaust outlet to the top	cm	125	125



**recommended fuel**

**pellet klasy A1**

**additional fuel**

**pellet klasy A2 i B**

Catalog card

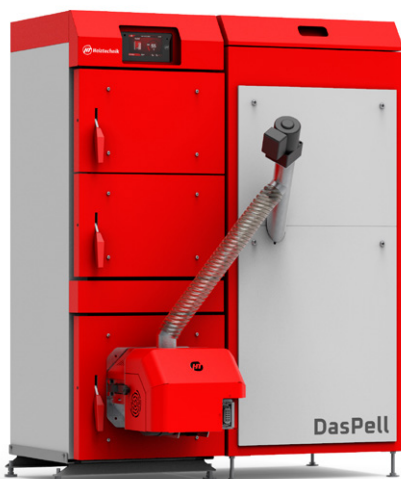


The dimensions given may vary from actual dimensions to 2%. Other detailed dimensions are available on the website.

In order to improve the product, **Heiztechnik** reserves the law to change specifications and equipment. The above prospectus does not constitute an offer within the meaning of commercial law.

## 30 - 60 kW

**ECO design**  
Rozp. UE 2015/1189

A<sup>+</sup>

Available customization:  
enlarged tank, tank of  
the left side of the boiler



5-year warranty on the tightness of the exchanger, in accordance with the conditions contained in the warranty card.

High thermal efficiency >90% thanks to autoregulation of the combustion process and effective heat reception



**PellHard PLUS** burner with a slag scraper activated cyclically from the controller, V-type floor, Omega-type air curtain, igniter, sensors and an internal fuel feeder. Patent Office of the Republic of Poland: Ru.069889 Ru.069890, Ru.069891.



The boiler is adapted for operation in closed system, in accordance with current regulations.



Horizontal tubular heat exchanger made in the form of a separate heating column with high heat exchange efficiency, with turbulators supporting heat exchange.



Weather control **HT-tronic 900** with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module. Equipped with an autoregulation the **HT-Logic III**.



Autoregulation **HT-Logic III** is programmed to the power of the device, automatically selects the operating parameters and modulates the power of the burner depending on the temperature of the boiler, which reduces the amount of fuel consumed.



Optimization of the combustion process through the oxygen Lambda probe  
- work in the **iPell®** standard (implementation option)

**CZYSTE POWIETRZE**  
**< 20mg/m<sup>3</sup>**  
**INCREASED GRANT**

**For boilers**  
**15, 20, 24, 40 kW**

- basic equipment  
 - option

## Combustion process optimizer iPelI with Lambda probe

Dirt separator with magnetizer -1". Expenditure 2.8 m<sup>3</sup>/h for a pressure drop of 6 kPa

Rated power	<b>kW</b>	12	15	20	24	30	40	50	60
Power range	<b>kW</b>	3,6 - 12	4,5 - 15	6 - 20	7,2 - 24	9 - 30	12 - 40	15 - 50	18 - 60
Efficiency	<b>%</b>	93	93	93	93	92	92	92	93
Dusts	<b>mg/m<sup>3</sup></b>	19	17	15	13	21	18	23	26
Min. chimney draft	<b>Pa</b>	15	15	18	18	20	22	23	25
Max. work temperature	<b>°C</b>	85	85	85	85	85	85	85	85
Water capacity	<b>l</b>	73	73	88	94	103	118	145	155
Maximum operating pressure	<b>Bar</b>	2	2	2	2	2	2	2	2
Installation connection	<b>"</b>	GZ 1	GZ 1	GZ 1	GZ 1	GZ 1 ½	GZ 1 ½	GZ 1 ½	GZ 2
Chimney connection (inner diameter)	<b>mm</b>	150	150	150	150	150	150	200	200
Boiler mass	<b>kg</b>	352	355	376	398	479	530	697	756
Tank volume	<b>dm<sup>3</sup></b>	300	300	300	300	300	300	400	400
Boiler width	<b>cm</b>	47	47	47	47	54	54	69	69
Tank width	<b>cm</b>	60	60	60	60	60	60	114	114
Body depth with a flue gas exhaust	<b>cm</b>	64	64	69	76	83	93	95	105
Length of the installed burner	<b>cm</b>	32	32	32	32	38	38	46	46
Body hight	<b>cm</b>	143	143	143	143	143	143	143	143
Power spigot height	<b>cm</b>	128	128	128	128	129	129	129	129
Hight to chimney mid.	<b>cm</b>	110	110	110	110	111	111	111	111
Return spigot height	<b>cm</b>	34	34	34	34	35	35	35	35
Body depth with gas ex. to the top	<b>cm</b>	77	77	82	89	95	105	111	121
Height of the flue with the ex. outlet up	<b>cm</b>	125	125	125	125	125	125	125	125



**pellet** klasų A2 i B

**Catalog card**

## Q Pellet

12 - 24 kW

## Q Pellet GL

30 - 60 kW

**5klasa**  
PN-EN 308-6:2012

**ECO design**  
Rozp. UE 2016/1189

**A+**



### Unit configuration

Standard configuration:  
burner at front of the  
boiler, tank on the right  
side of boiler

Available customization:  
universal doors R/L,  
universal tank R/L



5-year warranty on the tightness of the  
exchanger, in accordance with the con-  
ditions contained in the warranty card.



High thermal efficiency >90% thanks  
to autoregulation of the combustion  
process and effective heat reception



**PellHard PLUS** burner with a slag scraper activated cyclically from the controller,  
V-type floor, Omega-type air curtain, igniter, sensors and an internal fuel feeder.  
Patent Office of the Republic of Poland: Ru.069889 Ru.069890, Ru.069891.



The boiler is adapted for operation in closed system, in accordance with current  
regulations.



Horizontal tubular heat exchanger made in the form of a separate heating column with  
high heat exchange efficiency, with turbulators supporting heat exchange.



Weather control **HT-tronic 900** with color display. It controls work 4 pumps and  
a mixing valve. Works with a remote control panel, thermostats and an internet  
module. Equipped with an autoregulation the **HT-Logic III**.



Autoregulation **HT-Logic III** is programmed to the power of the device, automatically  
selects the operating parameters and modulates the power of the burner depending  
on the temperature of the boiler, which reduces the amount of fuel consumed.



Optimization of the combustion process through the oxygen Lambda probe  
- work in the **iPel@** standard (implementation option)

**CZYSZE POWIETRZE**  
**< 20mg/m³**  
**INCREASED GRANT**

**For boilers**  
**12, 15, 20, 24, 40 kW**

### Control

HT-tronic@ 900

☑ KOTŁA ☑ CO ☑ CWU ☑ ZAW ☑ - basic equipment

HT-tronic@ 900 Touch

☑ KOTŁA ☑ CO ☑ CWU ☑ ZAW ☑ - option

### Expanding modules for automation

HT-tronic M-Z2

Valve module ☑ ZAW ☑ ZAW ☑

HT-tronic M-BC

Module of buffer and circulation ☑ BUFORA ☑ CYRKUL

HT-tronic Rooms

Remote control panel with room thermostat ☑ (Wired)

HT-tronic Rooms Touch

Remote control panel with room thermostat ☑ (Touchscreen, Wired)

HT-tronic Rooms Wireless

Remote control panel with room thermostat ☑ (Wireless data transmission)

HT-tronic Rooms Touch Wireless

Remote control panel with room thermostat ☑ (Touchscreen, Wireless data transmission)

HT-tronic Connect

Web module - access by web browser or mobile application

HT-tronic Climate Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temp., air humidity and atmospheric pressure

HT-tronic Temperature Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temperature

HT-tronic OPS Lambda

Combustion process optimizer iPel@ with Lambda probe

### Additional equipment / Execution option

Pneumatic system for burner cleaning (without compressor)

Additional fuel feed unit from the silo - pneumatic or spiral (page 29)

Optional tanks: BASIC 400 for boilers 15 - 37 kW, BIG 1000 (page 30)

Redirect exhaust gases up through the flue

Cooling coil

HT SepMag Dirt separator with magnetizer -1". Expenditure 2.8 m³/h for a pressure drop of 6 kPa

### Basic dimensions and specifications

		Q Pellet				Q Pellet GL			
Rated power	kW	12	15	20	24	30	40	50	60
Power range	kW	3,6 - 12	4,5 - 15	6 - 20	7,2 - 24	9 - 30	12 - 40	15 - 50	18 - 60
Efficiency	%	93	93	93	93	92	92	92	93
Dusts	mg/m³	19	17	15	13	21	18	23	26
Min. chimney draft	Pa	15	15	18	18	20	22	23	25
Max. work temperature	°C	85	85	85	85	85	85	85	85
Water capacity	l	73	73	88	94	103	118	145	155
Maximum operating pressure	Bar	2	2	2	2	2	2	2	2
Installation connection	"	GZ 1	GZ 1	GZ 1	GZ 1	GZ 1 ½	GZ 1 ½	GZ 1 ½	GZ 2
Chimney connection (inner diameter)	mm	150	150	150	150	150	150	200	200
Boiler mass	kg	334	346	360	390	463	530	687	746
Tank volume	dm³	300	300	300	300	300	300	400	400
Boiler width	cm	47	47	47	47	54	54	69	69
Tank width	cm	60	60	60	60	60	60	78	78
Body depth with a flue gas exhaust	cm	64	64	69	76	83	93	95	105
Length of the installed burner	cm	32	32	32	32	38	38	46	46
Body height	cm	135	135	135	135	143	143	143	143
Power spigot height	cm	128	128	128	128	129	129	129	129
Height to chimney mid.	cm	110	110	110	110	111	111	111	111
Return spigot height	cm	34	34	34	34	35	35	35	35



### recommended fuel

**pellet klasy A1**

### additional fuel

**pellet klasy A2 i B**

### Catalog card



# HT DasPell Lux

12 - 20 kW

**5klasa**  
PN-EN 303-5:2012

**ECO design**  
Rozp. UE 2015/1189

**A+**



## Unit configuration

Standard wykonania:  
burner and tank on the  
right side of the boiler

Available customization:  
burner and tank on the  
left side of the boiler,  
enlarged tank 400 l



5-year warranty on the tightness of the exchanger, in accordance with the conditions contained in the warranty card.



High thermal efficiency >90% thanks to autoregulation of the combustion process and effective heat reception



**PellHard PLUS** burner with a slag scraper activated cyclically from the controller, V-type floor, Omega-type air curtain, igniter, sensors and an internal fuel feeder. Patent Office of the Republic of Poland: Ru.069889 Ru.069890, Ru.069891.



The boiler is adapted for operation in closed system, in accordance with current regulations.



Horizontal tubular heat exchanger made in the form of a separate heating column with high heat exchange efficiency, with turbulators supporting heat exchange.



Weather control **HT-tronic 900** with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module. Equipped with an autoregulation the **HT-Logic III**.



Autoregulation **HT-Logic III** is programmed to the power of the device, automatically selects the operating parameters and modulates the power of the burner depending on the temperature of the boiler, which reduces the amount of fuel consumed.



Optimization of the combustion process through the oxygen Lambda probe  
- work in the **iPelL** standard (implementation option)

**CZyste POWIETRZE**  
**< 20mg/m³**  
**INCREASED GRANT**

## Control

HT-tronic@ 900

▶ KOTŁA ▶ CO ▶ CWU ▶ ZAW ▶ [Icons] - basic equipment

HT-tronic@ 900 Touch

▶ KOTŁA ▶ CO ▶ CWU ▶ ZAW ▶ [Icons] - option

## Expanding modules for automation

HT-tronic M-Z2

Valve module ▶ ZAW ▶ ZAW ▶ [Icons]

HT-tronic M-BC

Module of buffer and circulation ▶ BUFORA ▶ CYRKUL

HT-tronic Rooms

Remote control panel with room thermostat [Icons] (Wired)

HT-tronic Rooms Touch

Remote control panel with room thermostat [Icons] (Touchscreen, Wired)

HT-tronic Rooms Wireless

Remote control panel with room thermostat [Icons] (Wireless data transmission)

HT-tronic Rooms Touch Wireless

Remote control panel with room thermostat [Icons] (Touchscreen, Wireless data transmission)

HT-tronic Connect

Web module - access by web browser or mobile application

HT-tronic Climate Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temp., air humidity and atmospheric pressure

HT-tronic Temperature Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temperature

HT-tronic OPS Lambda

Combustion process optimizer iPelL with Lambda probe

## Additional equipment / Execution option

Pneumatic system for burner cleaning (without compressor)

Additional fuel feed unit from the silo - pneumatic or spiral (page 29)

Enlarged tank - Lux 400 l (page 30)

Burner of the left side of the boiler

Cooling coil

HT SepMag

Dirt separator with magnetizer -1". Expenditure 2.8 m³/h for a pressure drop of 6 kPa

## Basic dimensions and specifications

Rated power	kW	12	15	20	24
Power range	kW	3,6 - 12	4,5 - 15	6 - 20	7,2 - 24
Efficiency	%	93	93	93	93
Dusts	mg/m³	19	17	15	13
Min. chimney draft	Pa	15	15	18	18
Max. work temperature	°C	85	85	85	85
Water capacity	l	73	73	88	94
Maximum operating pressure	Bar	2	2	2	2
Installation connection	"	GZ 1	GZ 1	GZ 1	GZ 1
Chimney connection (inner diameter)	mm	150	150	150	150
Boiler mass	kg	358	361	382	404
Boiler width	cm	47	47	47	47
Tank width	cm	60	60	60	60
Width of the enlarged tank	cm	114	114	114	114
Tank volume	dm³	190	190	190	190
Volume of the enlarged tank	dm³	400	400	400	400
Body depth with flue gas exhaust	cm	72	72	72	72
Body height	cm	151	151	151	151
Power spigot height	cm	128	128	128	128
Height to chimney mid.	cm	110	110	110	110
Return spigot height	cm	34	34	34	34



## recommended fuel

pellet klasy A1

## additional fuel

pellet klasy A2 i B

## Catalog card





# HT DasPell BOX

12 - 20 kW

**5klasa**  
PN-EN 303-5:2012

**ECO design**  
rozp. UE 2015/1188

A<sup>+</sup>



## Unit configuration

Standard configuration:  
burner and tank on the  
right side of the boiler

Available customization:  
burner and tank on the left  
side of the boiler, enlarged  
tank



5-year warranty on the tightness of the exchanger, in accordance with the conditions contained in the warranty card.



High thermal efficiency >90% thanks to autoregulation of the combustion process and effective heat reception



**PellHard PLUS** burner with a slag scraper activated cyclically from the controller, V-type floor, Omega-type air curtain, igniter, sensors and an internal fuel feeder. Patent Office of the Republic of Poland: Ru.069889 Ru.069890, Ru.069891.



The boiler is adapted for operation in closed system, in accordance with current regulations.



Horizontal tubular heat exchanger made in the form of a separate heating column with high heat exchange efficiency, with turbulators supporting heat exchange.



Weather control **HT-tronic 900** with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module. Equipped with an autoregulation the **HT-Logic III**.



Autoregulation **HT-Logic III** is programmed to the power of the device, automatically selects the operating parameters and modulates the power of the burner depending on the temperature of the boiler, which reduces the amount of fuel consumed.



Optimization of the combustion process through the oxygen Lambda probe - work in the **iPelL**® standard (implementation option)

**CZYSZE POWIETRZE**  
**< 20mg/m<sup>3</sup>**  
**INCREASED GRANT**

## Control

HT-tronic® 900

☑ KOTŁA ☑ CO ☑ CWU ☑ ZAW ☑ - basic equipment

HT-tronic® 900 Touch

☑ KOTŁA ☑ CO ☑ CWU ☑ ZAW ☑ - option

## Expanding modules for automation

HT-tronic M-Z2

Valve module ☑ ZAW ☑ ZAW ☑ - basic equipment

HT-tronic M-BC

Module of buffer and circulation ☑ BUFORA ☑ CYRKUL

HT-tronic Rooms

Remote control panel with room thermostat ☑ (Wired)

HT-tronic Rooms Touch

Remote control panel with room thermostat ☑ (Touchscreen, Wired)

HT-tronic Rooms Wireless

Remote control panel with room thermostat ☑ (Wireless data transmission)

HT-tronic Rooms Touch Wireless

Remote control panel with room thermostat ☑ (Touchscreen, Wireless data transmission)

HT-tronic Connect

Web module - access by web browser or mobile application

HT-tronic Climate Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temp., air humidity and atmospheric pressure

HT-tronic Temperature Senso

Wireless sensor for HT-tronic Rooms Touch V2, measurement of temperature

HT-tronic OPS Lambda

Combustion process optimizer iPelL with Lambda probe

## Additional equipment / Execution option

Pneumatic system for burner cleaning (without compressor)

Additional fuel feed unit from the silo - pneumatic or spiral (page 29)

Enlarged tank - universal BIG 400, BIG 600 (page 30)

Exit of the exhaust gases up through the flue

Burner of the left side of the boiler

Cooling coil

HT SepMag

Dirt separator with magnetizer -1". Expenditure 2.8 m<sup>3</sup>/h for a pressure drop of 6 kPa

## Basic dimensions and specifications

Rated power	kW	12	15	20	24
Power range	kW	3,6 - 12	4,5 - 15	6 - 20	7,2 - 24
Efficiency	%	93	93	93	93
Dusts	mg/m <sup>3</sup>	19	19	15	19
Min. chimney draft	Pa	12	15	18	18
Max. work temperature	°C	85	85	85	85
Water capacity	l	73	73	88	94
Maximum operating pressure	Bar	2	2	2	2
Installation connection	"	GZ 1	GZ 1	GZ 1	GZ 1
Chimney connection (inner diameter)	mm	150	150	150	150
Boiler mass	kg	352	355	376	398
Boiler width	cm	47	47	47	47
Tank volume	dm <sup>3</sup>	190	190	190	190
Tank width	cm	60	60	60	60
Body depth with a flue gas exhaust	cm	64	64	64	64
Body height*	cm	143	143	143	143
Power spigot height*	cm	128	128	128	128
Height to chimney mid.*	cm	110	110	110	110
Return spigot height*	cm	34	34	34	34
Body depth with gas ex. to the top	cm	77	77	82	89
Height of the flue with the ex. outlet up	cm	125	125	125	125



## recommended fuel

pellet klasy A1

## additional fuel

pellet klasy A2 i B

## Catalog card

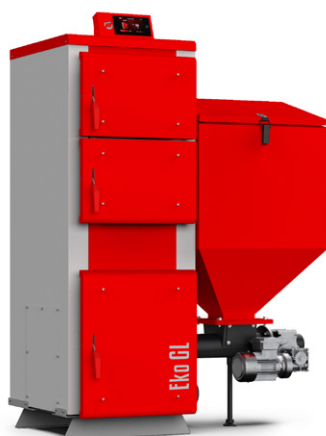




## 30 - 69 kW

**5klasa**  
PN-EN 303-5:2012

**ECO design**  
Rozp. UE 2015/1189



## Unit configuration

Standard configuration:  
burner and tank on the  
right side of the boiler

Available customization:  
burner and tank on the  
left side of the boiler



5-year warranty on the tightness of the exchanger, in accordance with the conditions contained in the warranty card.



High thermal efficiency >90% thanks to autoregulation of the combustion process and effective heat reception



Cast iron burner - retort with an integrated fuel feeder



Horizontal tubular heat exchanger made in the form of a separate heating column with high heat exchange efficiency, with turbulators supporting heat exchange.



The boiler is adapted for operation in closed system, in accordance with current regulations.



Weather control **HT-ronic 700** with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module. Equipped with an autoregulation the **HT-Logic II**.



Autoregulation **HT-Logic II** is programmed to the power of the device, automatically selects the operating parameters and modulates the power of the burner depending on the temperature of the boiler, which **reduces the amount of fuel consumed.**

<b>Burner</b>	
Cast iron burner - rotary	- basic equipment
<b>Sterowanie</b>	
HT-Tronic® 700	- basic equipment
<b>Expanding modules for automation</b>	
HT-tronic M-Z2	Valve module
HT-tronic M-BC	Module of buffer and circulation
HT-tronic Rooms	Remote control panel with room thermostat  (Wired)
HT-tronic Rooms Touch	Remote control panel with room thermostat  (Touchscreen, Wired)
HT-tronic Rooms Wireless	Remote control panel with room thermostat  (Wireless data transmission)
HT-tronic Rooms Touch Wireless	Remote control panel with room thermostat  (Touchscreen, Wireless data transmission)
HT-tronic Connect	Web module - access by web browser or mobile application
HT-tronic Climate Senso	Wireless sensor for HT-tronic Rooms Touch V2, measurement of temp., air humidity and atmospheric pressure
HT-tronic Temperature Senso	Wireless sensor for HT-tronic Rooms Touch V2, measurement of temperature
HT-tronic OPS Eko Lambda	Combustion process optimizer <b>iPell</b> with Eko Lambda probe
<b>Additional equipment / Execution option</b>	
Feeder rotation control sensor	
Enlarged tank for boilers with power 30 - 50 kW	
Exit of the exhaust gases up through the flue	
The automatic ash removal system	
Cooling coil	
HT SepMag	Dirt separator with magnetizer -1". Expenditure 2.8 m³/h for a pressure drop of 6 kPa

## Basic dimensions and specifications

Basic dimensions and specifications						
Rated power	kW	30	40	50	60	69
Power range	kW	9 - 30	12 - 40	15 - 50	18 - 60	20,7 - 69
Efficiency	%	91	91	92	92	92
Dusts	mg/m³	36	37	37	38	37
Min. chimney draft	Pa	23	26	30	34	36
Max. work temperature	°C	85	85	85	85	85
Water capacity	l	140	150	160	170	180
Maximum operating pressure	Bar	2	2	2	2	2
Installation connection	"	GZ 1 ½	GZ 1 ½	GZ 1 ½	GZ 2	GZ 2
Chimney connection (inner diameter)	mm	150	150	200	200	200
Boiler mass	kg	648	683	794	931	997
Tank volume	dm³	300	300	300	775	775
Volume of the enlarged tank	dm³	500	500	500	-	-
Width of the set	cm	122	122	122	157	157
Boiler width	cm	70	70	70	70	70
Tank width	cm	52	52	52	87	87
Width of the enlarged tank	cm	83	83	83	-	-
Body depth with flue gas exhaust	cm	86	90	92	102	112
Body height*	cm	154	154	182	182	182
Power spigot height*	cm	150	150	171	171	171
Height to chimney mid.*	cm	131	131	152	152	152
Return spigot height*	cm	37	37	60	60	60
Body depth with gas ex. to the top	cm	95	100	107	116	126
Height of the flue with the ex. outlet up	cm	145	145	167	167	167

## Fuel



**Eco-pea coal**  
type 32.1, granulation 5-25 mm

**Catalog card**

The dimensions given may vary from actual dimensions to 2%. Other detailed dimensions are available on the website.

In order to improve the product, **Heiztechnik** reserves the law to change specifications and equipment. The above prospectus does not constitute an offer within the meaning of commercial law.

## Characteristics of the CALLA VERDE M heat pump unit with internal modules:

- The pump is equipped with a modern Copeland Scroll™ inverter compressor with variable speed and high modulation of heating power.
- Large, color touch screen.
- Operation via the Internet.
- The entire heating system can be controlled.
- Optimal weather control.
- Cooperation with photovoltaic system.
- Wide operating temperature range.
- The electronic water circuit pump is continuously adjustable.
- Magnetic dirt separator.
- Electric heater with 3, 6, 9 kW operating grades.
- Heating water flow meter.
- Central Heating safety group.
- Very high COP values.
- Very quiet operation through the use of a large modern EC fan.
- Heat recovery from the inverter.
- Lower part of the evaporator heated with refrigerant - prevents the drip tray from freezing.
- Full diagnostics in automation of individual heat pump components.
- Possibility to work at a very low heating water temperature.
- Modern design.
- Internal unit made of galvanized steel, powder coated housing.
- External unit made of aluminum, powder coated housing.
- The operating parameters of the heat pump are confirmed by a certified European institute.**



	Basic	Style	Comfort	Comfort II
Automation	•	•	•	•
Color touch screen	•	•	•	•
Operation via the Internet	•	•	•	•
Control of the entire heating system	•	•	•	•
Optimal weather control	•	•	•	•
Electronic CH / DHW circuit pump, continuously adjustable from automation system	•	•	•	•
Magnetic dirt separator		•	•	•
Electric heater with 3, 6, 9 kW operating grades		•	•	•
Flow meter	•	•	•	•
Central Heating safety group		•	•	•
Domestic hot water tank		•	•	•
CH / DHW switch valve		•	•	•
Hydraulic system assembled in a compact housing		•	•	•
Wall-mounted design	•	•	•	•
Floor standing design			•	•
Heating water pressure gauge		•	•	•
Heater contactors		•	•	•
Hydraulic connections at the top			•	•
Hydraulic connections at the bottom		•		
Direct CH cycle			•	
Direct CH circuit and CH circuit with mixing valve				•
DHW tank capacity for 5 - 12 kW			250 L	250 L
DHW tank capacity for 14 - 20 kW			275 L	275 L
Internal unit dimensions (H x W x Th)	450 x 315 x 132	770 x 640 x 400	250L - 1535 x 695 x 858 275L - 1770 x 695 x 858	250L - 1535 x 695 x 900 275L - 1770 x 695 x 900
Weight	8.2 kg	40 kg	250 L - 195 kg 275 L - 255 kg	250 L - 205 kg 275 L - 265 kg

DHW tank capacity: 5-12kW pump - 250l, 14-20kW pump - 275l



Calla Verde M	5	7	9	12	14	16	18	20
Heating power [kW]	5	7	9	12	14	16	18	20
Dimensions of external unit (W x H x Th) [mm]	1120 x 860 x 485	1120 x 860 x 485	1360 x 860 x 560	1360 x 860 x 560	1350 x 1505 x 585	1350 x 1505 x 585	1350 x 1505 x 585	1350 x 1505 x 585
Height of the ext. unit stand [mm]	400	400	400	400	-	-	-	-
Weight of external unit [kg]	129	129	148	148	210	212	212	212
Refrigerant	R452B	R452B	R452B	R452B	R452B	R452B	R452B	R452B
Operating range	-25°C ÷ 40°C	-25°C ÷ 40°C	-25°C ÷ 40°C	-25°C ÷ 40°C	-25°C ÷ 40°C	-25°C ÷ 40°C	-25°C ÷ 40°C	-25°C ÷ 40°C
Refrigerant quantity [kg]	2,5	2,5	2,5	2,7	4,7	5,85	5,85	5,85
Global Warming Potential [GWP]	676	676	676	676	676	676	676	676
CO <sub>2</sub> equivalent [t]	1,69	1,69	1,69	1,82	3,18	3,95	3,95	3,95
Maximum current [A]	15	15	15	3 x 12	3 x 12	3 x 12	3 x 12	3 x 12
Flow temperature [°C]	65	65	65	65	65	65	65	65
Supply voltage	230V 50Hz	230V 50Hz	230V 50Hz	3 x 400V 50 Hz	3 x 400V 50 Hz	3 x 400V 50 Hz	3 x 400V 50 Hz	3 x 400V 50 Hz

COP								
A-7/W35 <sup>1</sup>	2,75	2,67	2,57	2,68	2,84	2,87	2,75	2,70
A2/W35 <sup>1</sup>	4,12	4,19	4,22	4,16	4,37	4,39	4,37	4,30
A7/W35 <sup>1</sup>	5,40	5,51	5,86	5,76	6,20	6,26	6,34	6,40
A12/W35 <sup>1</sup>	6,12	6,21	6,46	6,65	7,32	7,14	7,19	7,24
A-7/W55 <sup>1</sup>	1,78	1,74	1,89	2,06	2,24	2,03	2,16	2,11
A2/W55 <sup>1</sup>	3,15	3,17	3,16	3,17	3,37	3,43	3,40	3,38
A7/W55 <sup>1</sup>	4,27	4,30	4,37	4,85	4,96	5,05	4,94	4,91
A12/W55 <sup>1</sup>	5,53	5,59	5,63	6,10	6,25	5,90	5,94	5,96

SCOP for 35 °C (underfloor heating) moderate climate (A) <sup>3</sup>	4,25	4,28	4,38	4,35	4,63	4,65	4,63	4,58
Seasonal energy efficiency [%] <sup>4</sup>	167	168	172	171	182	183	182	180
Class	A++	A++	A++	A++	A+++	A+++	A+++	A+++
Rated thermal power [kW]	5	6	7	8	10	13	14	15
Max. power acc. to EN 14511 at A7/W35	5	7	9	12	14	16	18	20
TBIVALENT [°C]	-7	-7	-7	-7	-7	-7	-7	-7

SCOP for 55 °C (underfloor heating) moderate climate (A) <sup>2/4</sup>	3,25	3,25	3,33	3,48	3,68	3,65	3,65	3,63
Efficiency [%] <sup>4</sup>	127	127	130	136	144	143	143	142
Class	A++	A++	A++	A++	A++	A++	A++	A++
Rated thermal power [kW]	5	6	7	8	10	13	14	15
Max. power acc. to EN 14511 at A7/W55	5	7	9	12	14	16	18	20
TBIVALENT [°C]	-7	-7	-7	-7	-7	-7	-7	-7

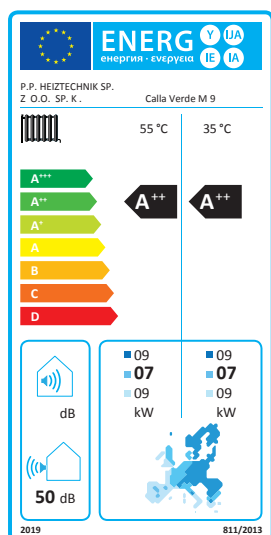
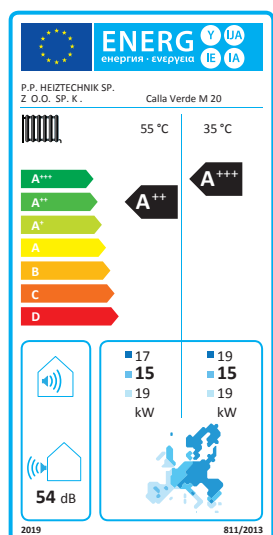
Sound power level LWA <sup>3</sup>								
Normal operation dB(A)	56	56	50	52	53	54	54	54
Night-time reduction dB(A)	55	55	49	51	52	53	53	53

<sup>1</sup> For nominal loads according to PN-EN 14511

<sup>2</sup> SCOP according to 14825:2019

<sup>3</sup> According to PN-EN 12102-1

<sup>4</sup> Class IV controller



The dimensions given may vary from actual dimensions to 2%. Other detailed dimensions are available on the website.

In order to improve the product, **Heiztechnik** reserves the law to change specifications and equipment. The above prospectus does not constitute an offer within the meaning of commercial law.

# CALLA VERDE Basic

## CALLA VERDE M monoblock heat pump with hanging automation module - Basic

The pump is designed for **heating and cooling** of confined spaces and production of DWH in an external tank. The compressor and refrigeration system are located in the external unit.

The internal unit contains an automation system that controls the heat pump and hydraulic system.

*The scope of delivery includes: room temperature sensor and a 3/4" differential discharge valve (to be installed by the installer).*



CALLA VERDE M  
(5 - 12 kW)



CALLA VERDE M ON A STAND - OPTION  
(5 - 12 kW)



CALLA VERDE M  
(14 - 20 kW)



Copeland Scroll™ inverter compressor operating in wide power modulation



Refrigerant R452B with low GWP



Color touch display



Cooperation with photovoltaic system



Efficient operation at -25°C



Up to 65°C of heating water can be obtained



Ability to work at low heating water temperatures

### CALLA VERDE M with hanging automation module Basic

Model	Index	Net price [PLN]	Gross price [PLN]
CALLA VERDE M 5 + Basic	CVM050B10	30 790,00	37 871,70
CALLA VERDE M 7 + Basic	CVM070B10	31 990,00	39 347,70
CALLA VERDE M 9 + Basic	CVM090B10	33 990,00	41 807,70
CALLA VERDE M 12 + Basic	CVM120B10	35 990,00	44 267,70
CALLA VERDE M 14 + Basic	CVM140B10	42 990,00	52 877,70
CALLA VERDE M 16 + Basic	CVM160B10	43 990,00	54 107,70
CALLA VERDE M 18 + Basic	CVM180B10	44 590,00	54 845,70
CALLA VERDE M 20 + Basic	CVM200B10	45 590,00	56 075,70

### Accessories - price when purchased with heat pump

	Index	Net price [PLN]	Gross price [PLN]
NTC external temperature sensor	CVA301	115,50	142,07
KTY external temperature sensor	CVA302	62,70	77,12
Internal temperature sensor	CVA303	50,60	62,24
DHW temperature sensor (5 lm)	CVA304	50,60	62,24
KTY81 clip-on sensor	CVA310	74,80	92,00
External unit stand 5 - 7 kW	CVA102	440,00	541,20
External unit stand 9 - 12 kW	CVA101	462,00	568,26
1" 230V CH/DHW switching valve	CVA202	459,80	565,55
Freeze protection valve	CVA201	411,40	506,02
Zone valve (7 KVS = 7 m³)	CVA210	781,00	960,63
Automatic inlet valve 0.3 - 4 bar 1/2" with pressure gauge	CVA205	217,80	267,89
Silicone heating cable - 2 lm	CVA306	39,60	48,71
Silicone heating cable - 3 lm	CVA307	44,00	54,12
Silicone heating cable - 4 lm	CVA308	48,40	59,53
Silicone heating cable - 6 lm	CVA309	71,50	87,95

The anti-freeze kit consists of: CVA 201 (2 pcs.), CVA 203 or CVA 204, CVA205, a silicone heating cable of the appropriate length.

# CALLA VERDE Style

## CALLA VERDE M monoblock heat pump with hanging hydrobox - Style

The pump is designed for **heating and cooling of** confined spaces and production of DWH in an external tank. The compressor and refrigeration system are located in the external unit.

The internal unit contains an automation system that controls the pump and hydraulic system.

The hydraulic part includes: electronic circulation pump, heating water flow meter, heater contactors, 3-9 kW heater set, magnetic dirt separator, CH safety group (3bar safety valve, 12L diaphragm vessel, CH pressure gauge).

*The scope of delivery includes: room temperature sensor and a 3/4" differential discharge valve (to be installed by the installer).*



Copeland Scroll™ inverter compressor operating in wide power modulation



Refrigerant R452B with low GWP



Color touch display



Cooperation with photovoltaic system



Efficient operation at -25°C



Up to 65°C of heating water can be obtained



Ability to work at low heating water temperatures



Heater 3 - 6 - 9 kW with automatic power gradation



Magnetic dirt separator



CALLA VERDE M  
(5 - 12 kW)



CALLA VERDE M ON A STAND - OPTION  
(5 - 12 kW)



CALLA VERDE M  
(14 - 20 kW)

### CALLA VERDE M with hanging hydrobox Style

Model	Index	Net price [PLN]	Gross price [PLN]
CALLA VERDE M 5 + Style	CVM050S11	34 490,00	42 422,70
CALLA VERDE M 7 + Style	CVM070S11	35 690,00	43 898,70
CALLA VERDE M 9 + Style	CVM090S11	37 690,00	46 358,70
CALLA VERDE M 12 + Style	CVM120S12	39 490,00	48 572,70
CALLA VERDE M 14 + Style	CVM140S12	46 490,00	57 182,70
CALLA VERDE M 16 + Style	CVM160S12	47 290,00	58 166,70
CALLA VERDE M 18 + Style	CVM180S12	47 990,00	59 027,70
CALLA VERDE M 20 + Style	CVM200S12	48 990,00	60 257,70

### Accessories price when purchased with heat pump

	Index	Net price [PLN]	Gross price [PLN]
NTC external temperature sensor	CVA301	115,50	142,07
KTY external temperature sensor	CVA302	62,70	77,12
Internal temperature sensor	CVA303	50,60	62,24
DHW temperature sensor (5 lm)	CVA304	50,60	62,24
KTY81 clip-on sensor	CVA310	74,80	92,00
External unit stand 5 - 7 kW	CVA102	440,00	541,20
External unit stand 9 - 12 kW	CVA101	462,00	568,26
1" 230V CH/DHW switching valve	CVA202	459,80	565,55
Freeze protection valve	CVA201	411,40	506,02
Zone valve (7 KVS = 7 m³)	CVA210	781,00	960,63
Automatic inlet valve 0.3 - 4 bar 1/2" with pressure gauge	CVA205	217,80	267,89
Silicone heating cable - 2 lm	CVA306	39,60	48,71
Silicone heating cable - 3 lm	CVA307	44,00	54,12
Silicone heating cable - 4 lm	CVA308	48,40	59,53
Silicone heating cable - 6 lm	CVA309	71,50	87,95

The anti-freeze kit consists of: CVA 201 (2 pcs.), CVA 203 or CVA 204, CVA205, a silicone heating cable of the appropriate length.



## CALLA VERDE M monoblock heat pump - Comfort

The pump is designed for **heating and cooling of** confined spaces and production of DWH in an integrated tank. The compressor and refrigeration system are located in the external unit. The internal unit contains an automation system that controls the pump and hydraulic system.

The hydraulic part includes: 1 direct CH circuit, 1 DHW circuit with 250/275L tank, electronic circulation pump, CH/DHW switching valve, heating water flow meter, heater contactors, 3-9 kW heater set, magnetic dirt separator, CH safety group (3bar safety valve, 12L diaphragm vessel, CH pressure gauge).

The scope of delivery includes: room temperature sensor and a 3/4" differential discharge valve (to be installed by the installer).



Copeland Scroll™ inverter compressor operating in wide power modulation



Refrigerant R452B with low GWP



Color touch display



Cooperation with photovoltaic system



Efficient operation at -25°C



Up to 65°C of heating water can be obtained



Ability to work at low heating water temperatures



Heater 3 - 6 - 9 kW with automatic power gradation



Magnetic dirt separator



DHW tank



CALLA VERDE M - Comfort

### CALLA VERDE M with standing hydrobox Comfort

Model	Index	Net price [PLN]	Gross price [PLN]
CALLA VERDE M 5 + Comfort	CVM050C11	41 490,00	51 032,70
CALLA VERDE M 7 + Comfort	CVM070C11	42 790,00	52 631,70
CALLA VERDE M 9 + Comfort	CVM090C11	44 690,00	54 968,70
CALLA VERDE M 12 + Comfort	CVM120C11	47 490,00	58 412,70
CALLA VERDE M 14 + Comfort	CVM140C12	57 590,00	70 835,70
CALLA VERDE M 16 + Comfort	CVM160C12	58 890,00	72 434,70
CALLA VERDE M 18 + Comfort	CVM180C12	59 490,00	73 172,70
CALLA VERDE M 20 + Comfort	CVM200C12	60 490,00	74 402,70

### Accessories - price when purchased with heat pump

	Index	Net price [PLN]	Gross price [PLN]
NTC external temperature sensor	CVA301	115,50	142,07
KTY external temperature sensor	CVA302	62,70	77,12
Internal temperature sensor	CVA303	50,60	62,24
KTY81 clip-on sensor	CVA310	74,80	92,00
External unit stand 5 - 7 kW	CVA102	440,00	541,20
External unit stand 9 - 12 kW	CVA101	462,00	568,26
Upper assembly for Comfort	CVA103	506,00	622,38
Magnesium anode - comfort S (250l)	CVA206	60,50	74,42
Magnesium anode - comfort M (275l)	CVA207	81,40	100,12
Titanium anode	CVA209	798,60	982,28
Freeze protection valve	CVA201	411,40	506,02
Zone valve (7 KVS = 7 m³)	CVA210	781,00	960,63
Automatic inlet valve 0.3 - 4 bar 1/2" with pressure gauge	CVA205	217,80	267,89
Silicone heating cable - 2 lm	CVA306	39,60	48,71
Silicone heating cable - 3 lm	CVA307	44,00	54,12
Silicone heating cable - 4 lm	CVA308	48,40	59,53
Silicone heating cable - 6 lm	CVA309	71,50	87,95
Angle screw-in union	CVA211	44,50	54,74

The anti-freeze kit consists of: CVA 201 (2 pcs.), CVA 203 or CVA 204, CVA205, a silicone heating cable of the appropriate length.



## CALLA VERDE M monoblock heat pump - Comfort II

The pump is designed for **heating and cooling of** confined spaces and production of DWH in an integrated tank. The compressor and refrigeration system are located in the external unit. The internal unit contains an automation system that controls the pump and hydraulic system.

The hydraulic part includes: 1 direct CH circuit, 1 circuit with mixing valve, 1 DHW circuit with 250/275L tank, electronic circulation pump, CH/DHW switching valve, heating water flow meter, heater contactors, 3-9 kW heater set, magnetic dirt separator, CH safety group (3bar safety valve, 12L diaphragm vessel, CH pressure gauge).

The scope of delivery includes: room temperature sensor and a 3/4" differential discharge valve (to be installed by the installer).



Copeland Scroll™ inverter compressor operating in wide power modulation



Refrigerant R452B with low GWP



Color touch display



Cooperation with photovoltaic system



Efficient operation at -25°C



Up to 65°C of heating water can be obtained



Ability to work at low heating water temperatures



Heater 3 - 6 - 9 kW with automatic power gradation



Magnetic dirt separator



DHW tank



CALLA VERDE M - Comfort II

### CALLA VERDE M with standing hydrobox Comfort II

Model	Indeks	Cenna netto [PLN]	Cenna brutto [PLN]
CALLA VERDE M 5 + Comfort II	CVM050C21	43 490,00	53 492,70
CALLA VERDE M 7 + Comfort II	CVM070C21	44 790,00	55 091,70
CALLA VERDE M 9 + Comfort II	CVM090C21	46 690,00	57 428,70
CALLA VERDE M 12 + Comfort II	CVM120C21	49 490,00	60 872,70
CALLA VERDE M 14 + Comfort II	CVM140C22	59 590,00	73 295,70
CALLA VERDE M 16 + Comfort II	CVM160C22	60 890,00	74 894,70
CALLA VERDE M 18 + Comfort II	CVM180C22	61 490,00	75 632,70
CALLA VERDE M 20 + Comfort II	CVM200C22	62 490,00	76 862,70

### Accessories - price when purchased with heat pump

	Index	Net price [PLN]	Gross price [PLN]
NTC external temperature sensor	CVA301	115,50	142,07
KTY external temperature sensor	CVA302	62,70	77,12
Internal temperature sensor	CVA303	50,60	62,24
KTY81 clip-on sensor	CVA310	74,80	92,00
External unit stand 5 - 7 kW	CVA102	440,00	541,20
External unit stand 9 - 12 kW	CVA101	462,00	568,26
Upper assembly for Comfort	CVA103	506,00	622,38
Magnesium anode - comfort S (250l)	CVA206	60,50	74,42
Magnesium anode - comfort M (275l)	CVA207	81,40	100,12
Titanium anode	CVA209	798,60	982,28
Freeze protection valve	CVA201	411,40	506,02
Zone valve (7 KVS = 7 m³)	CVA210	781,00	960,63
Automatic inlet valve 0.3 - 4 bar 1/2" with pressure gauge	CVA205	217,80	267,89
Silicone heating cable - 2 lm	CVA306	39,60	48,71
Silicone heating cable - 3 lm	CVA307	44,00	54,12
Silicone heating cable - 4 lm	CVA308	48,40	59,53
Silicone heating cable - 6 lm	CVA309	71,50	87,95
Angle screw-in union	CVA211	44,50	54,74

The anti-freeze kit consists of: CVA 201 (2 pcs.), CVA 203 or CVA 204, CVA205, a silicone heating cable of the appropriate length.

# MAXPel GL MAXPel EVO

80 - 370 kW

450 kW

**5klasa**  
PN-EN 303-5:2012

**ECOdesign**  
Rozp. UE 2015/1188



**MAXPel EVO 450 kW - NEW!**



Three-pass boiler equipped with with a horizontal tubular heat exchanger with flue gas swirlers with high heat transfer efficiency.



High thermal efficiency >90% thanks to autoregulation of the combustion process and effective heat reception.



**PellHard PLUS** burner with a slag scraper activated cyclically from the controller, V-type floor, Omega-type air curtain, igniter, sensors and an internal fuel feeder. Patent Office of the Republic of Poland: Ru.069889 Ru.069890, Ru.069891.



Boiler with power up to 300 kW is adapted for operation in closed system, in accordance with current regulations.



2-year warranty for the tightness of the exchanger with the possibility of extending up to 5 years, in accordance with the conditions contained in the warranty card.



Weather control **HT-tronic 900** with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module. Equipped with an autoregulation the **HT-Logic III**.



Autoregulation **HT-Logic III** is programmed to the power of the device, automatically selects the operating parameters and modulates the power of the burner depending on the temperature of the boiler, which **reduces the amount of fuel consumed**.

**MAXPel EVO**

Evolution in the combustion process.  
Extensive, standard equipment  
(including oxygen Lambda probe)  
**Efficiency > 93%. Dusts < 20mg<sup>3</sup>.**

**< 20mg/m<sup>3</sup>**  
**DUSTS**

## Control

HT-tronic@ 900

▶ KOTŁA ▶ CO ▶ CWU ▶ ZAW ▶ - basic equipment

HT-tronic@ 900 Touch

▶ KOTŁA ▶ CO ▶ CWU ▶ ZAW ▶ - option

## Expanding modules for automation

HT-tronic MK

Cascade automation

HT-tronic Master

Independent automatic heating circuit

HT-tronic M-Z2

Valve module ▶ VALVE ▶ VALVE ▶

HT-tronic M-BC

Module of buffer and circulation ▶ BUFFER ▶ CIRC

HT-tronic Rooms

Remote control panel with room thermostat (Wired)

HT-tronic Rooms Touch

Remote control panel with room thermostat (Touchscreen, Wired)

HT-tronic Rooms Wireless

Remote control panel with room thermostat (Wireless data transmission)

HT-tronic Rooms Touch Wireless

Remote control panel with room thermostat (Touchscreen, Wireless data transmission)

HT-tronic Connect

Web module - access by web browser or mobile application

HT-tronic OPS Lambda

Combustion process optimizer iPel with Lambda probe

## Additional equipment / Execution option

Option of execution: maximum working pressure 2.5 - 3 Bar

Boilers with a capacity of 300 - 370 kW can be equipped with two burners with automation

Enlarged or atypical tank

A common tank for handling two boilers

Pneumatic system for burner cleaning (without compressor)

Additional fuel feed unit from the silo - pneumatic or spiral

The automatic ash removal system

Pneumatic system for exchanger cleaning

Pneumatic system for burner cleaning

Cooling coil for 80 - 300 kW

Extraction fan with controller

Pellet silos

## Basic dimensions and specifications

		kW	80	100	120	150	200	240	300	370	450
Rated power	kW	24-80	30-100	36-120	45-150	60-200	72-240	90-300	111-370	135-450	
Power range	kW	24-80	30-100	36-120	45-150	60-200	72-240	90-300	111-370	135-450	
Efficiency	%	92	92	92	92	93	93	92	92	93	
Dusts	mg/m <sup>3</sup>	27	31	34	33	31	30	30	31	15	
Min. chimney draft	Pa	27	29	32	33	34	36	38	40	42	
Max. work temperature	°C	85	85	85	85	85	85	85	85	85	
Water capacity	l	250	370	490	610	920	1040	1300	1570	1730	
Maximum operating pressure	Bar	2	2	2	2	2	2	2	2	2	
Installation connection	"	GZ 2	GZ 2 ½	GZ 2 ½	GZ 3	GZ 3	GZ 3	GZ 3	Dn100	Dn100	
Chimney connection (inner diameter)	mm	200	200	200	250	300	300	300	350	400	
Boiler mass	kg	1165	1385	1576	2326	2686	3048	3665	3945	4132	
Tank volume	m <sup>3</sup>	1	1	1	1	1	1	1	1	1	
Boiler width	cm	84	84	84	108	108	108	147	147	147	
Body depth with flue gas exhaust	cm	125	150	175	191	221	232	225	240	255	
Body height	cm	161	161	161	192	192	209	216	216	216	
Body height - transport	cm	175	175	175	206	206	223	230	230	230	
Height of the ash removal module	cm	35	35	35	35	35	35	35	35	35	
Height to chimney mid.	cm	136	136	136	164	164	178	186	186	186	
Return spigot height	cm	30,5	30,5	30,5	35	35	35	35	35	35	

## recommended fuel

pellet klasy A1

additional fuel

pellet klasy A2 i B

## Catalog card







# Q MAX EKO GL

80 - 480 kW

**5klasa**  
PN-EN 303-5:2012

**ECOdesign**  
Rozp. UE 2015/1188



Three-pass boiler equipped with a horizontal tubular heat exchanger with flue gas swirlers supporting high heat transfer efficiency.



High thermal efficiency > 90% due to autoregulation of the combustion process and efficient heat extraction.



Cast iron burner (for boilers up to 300 kW) with integrated fuel feeder. Boilers with power from 200 to 480 kW are equipped with two burners.



2-year warranty for the tightness of the exchanger with the possibility of extending up to 5 years, in accordance with the conditions contained in the warranty card.



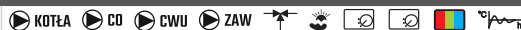
Boiler with power up to 300 kW is adapted for operation in closed system, in accordance with current regulations.



Weather control **HT-tronic 750** with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module

## Control

HT-tronic® 750



## Expanding modules for automation

HT-tronic MK	Cascade automation
HT-tronic Master	Independent automatic heating circuit
HT-tronic M-Z2	Valve module
HT-tronic M-BC	Module of buffer and circulation
HT-tronic Rooms	Remote control panel with room thermostat  (Wired)
HT-tronic Rooms Touch	Remote control panel with room thermostat  (Touchscreen, Wired)
HT-tronic Rooms Wireless	Remote control panel with room thermostat  (Wireless data transmission)
HT-tronic Rooms Touch Wireless	Remote control panel with room thermostat   (Touchscreen, Wireless data transmission)
HT-tronic Connect	Web module - access by web browser or mobile application
HT-tronic OPS Eko Lambda	Combustion process optimizer with Eko Lambda probe

## Additional equipment / Execution option

Feeder rotation control sensor
Option of execution: maximum working pressure 2.5 - 3 Bar
Enlarged tank
Automatic fuel loading system
The automatic ash removal system
Pneumatic system for exchanger cleaning
Cooling coil for boilers up to 300 kW
Extraction fan with controller

## Basic dimensions and specifications

	kW	80	100	120	150	200	240	300	350	400	480
Rated power	kW	24-80	30-100	36-120	45-150	60-200	72-240	90-300	105-350	120-400	144-480
Power range	kW	24-80	30-100	36-120	45-150	60-200	72-240	90-300	105-350	120-400	144-480
Min. chimney draft	Pa	26	28	33	33	34	36	38	40	42	48
Max. work temperature	°C	85	85	85	85	85	85	85	85	85	85
Water capacity	l	640	680	720	920	1200	1400	1600	1900	2150	2600
Maximum operating pressure	Bar	2	2	2	2	2	2	2	2	2	2
Installation connection	"	GZ 2 ½	GZ 2 ½	GZ 2 ½	GZ 3	GZ 3	GZ 3	GZ 3	Dn100	Dn100	Dn100
Chimney connection (inner diameter)	mm	200	200	200	250	300	300	300	350	400	400
Boiler mass	kg	1465	1650	1900	2200	2700	3100	3350	4500	4900	5850
Number of feeders		1	1	1	1	2	2	2	2	2	2
Tank volume	m³	0,8	0,8	0,8	0,8	0,8+0,8	0,8+0,8	0,8+0,8	0,8+0,8	0,8+0,8	0,8+0,8
Width of the set		174	174	174	174	216	216	216	250	250	250
Boiler width	cm	83	83	83	83	103	103	103	147	147	147
Tank width	cm	87	87	87	87	102	102	102	102	102	102
Body depth with flue gas exhaust	cm	145	170	198	238	238	268	288	282	302	342
Body height	cm	192	192	192	192	214	214	214	229	229	239
Body height - transport	cm	206	206	206	206	228	228	228	243	243	243
Height of the ash removal module	cm	22	22	22	22	22	22	22	22	22	22
Height to chimney mid	cm	164	164	164	164	183	183	183	198	198	208
Return spigot height	cm	35	35	35	35	35	35	35	35	35	35

## fuel



**Eco-pea coal**  
type 32.1, granulation 5-25 mm

## Catalog card





# Q MAX EKO

520 - 1000 kW



Three-pass boiler equipped with a horizontal tubular heat exchanger with flue gas swirlers supporting high heat transfer efficiency.



High thermal efficiency due to autoregulation of the combustion process and efficient heat extraction.



Cast iron burner with integrated fuel feeder.



The boiler equipped with two burners and automation.



2-year warranty for the tightness of the exchanger with the possibility of extending up to 5 years, in accordance with the conditions contained in the warranty card.



Weather control **HT-tronic 750** with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module

## Control

HT-tronic® 750



## Expanding modules for automation

HT-tronic MK	Cascade automation
HT-tronic Master	Independent automatic heating circuit
HT-tronic M-Z2	Valve module
HT-tronic M-BC	Module of buffer and circulation
HT-tronic Rooms	Remote control panel with room thermostat  (Wired)
HT-tronic Rooms Touch	Remote control panel with room thermostat  (Touchscreen, Wired)
HT-tronic Rooms Wireless	Remote control panel with room thermostat  (Wireless data transmission)
HT-tronic Rooms Touch Wireless	Remote control panel with room thermostat  (Touchscreen, Wireless data transmission)
HT-tronic Connect	Web module - access by web browser or mobile application

## Additional equipment / Execution option

Feeder rotation control sensor  
 Option of execution: maximum working pressure 2.5 - 3 Bar  
 Enlarged tank  
 Automatic fuel loading system  
 The automatic ash removal system  
 Pneumatic system for exchanger cleaning  
 Extraction fan with controller

## Podstawowe wymiary i dane techniczne

		520	600	750	850	1000
Rated power	kW	520	600			
Power range	kW	150 - 520	180 - 600			
Min. chimney draft	Pa	50	52			
Max. work temperature	°C	85	85			
Water capacity	l	2150	2600			
Maximum operating pressure	Bar	85	85			
Installation connection	"	Dn100	Dn100			
Chimney connection (inner diameter)	mm	400	400			
Boiler mass	kg	5070	5850			
Number of feeders		2	2			
Tank volume	dm <sup>3</sup>	0,8 + 0,8	0,8 + 0,8	Information available on request	Information available on request	Information available on request
Width of the set		259	259			
Boiler width	cm	147	147			
Tank width		102	102			
Body depth with flue gas exhaust	cm	259	345			
Body height	cm	217	217			
Body height - transport	cm	231	231			
Height of the ash removal module	cm	22	22			
Height to chimney mid	cm	186	186			
Return spigot height	cm	35	35			

## fuel



**Eco-pea coal**  
 type 32.1, granulation 5-25 mm

## Catalog card

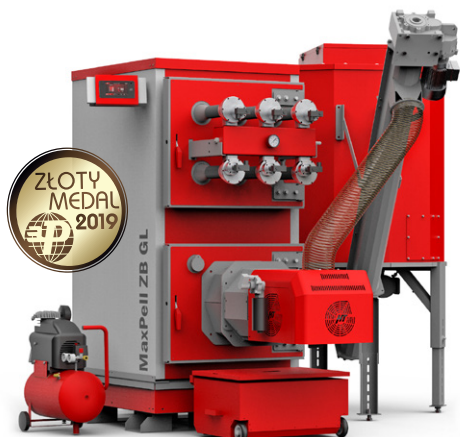


# MaxPell ZB GL

60 - 120 kW

**5klasa**  
PN-EN 303-5:2012

**ECOdesign**  
Rozp. UE 2015/1188



## MaxPell ZB GL 120 kW

with pneumatic cleaning system for heat exchanger, burner and automatic ash removal system



Three-pass boiler equipped with a horizontal tubular heat exchanger with flue gas swirlers supporting high heat transfer efficiency.



2-year warranty for the tightness of the exchanger with the possibility of extending up to 5 years, in accordance with the conditions contained in the warranty card.



Automatic burner for **biomass** combustion with a slag scraper, equipped with a lighter and an igniter fuel feeder.



Weather control **HT-tronic 900** with color display. It controls work 4 pumps and a mixing valve.



Combustion process optimizer **HT tronic OPS Lambda**



The boiler is adapted for operation in closed system, in accordance with current regulations.

### Burner

Burner with automatic slag scraper - basic equipment  
Pneumatic system for burner cleaning - optional execution

### Control

HT-tronic® 900   
HT-tronic® 900 Touch - option  
HT-tronic OPS Lambda Combustion process optimizer with Lambda probe

### Expanding modules for automation

HT-tronic M-Z2 Valve module   
HT-tronic M-BC Module of buffer and circulation   
HT-tronic Connect Web module - access by web browser or mobile application

### Additional equipment / Execution option

Option of execution: maximum working pressure 2.5 - 3 Bar  
Additional fuel feed unit  
Spring selector  
The automatic ash removal system  
Pneumatic system for exchanger cleaning  
Pneumatic system for burner cleaning  
Cooling coil  
Enlarged tank or extension

### Basic dimensions and specifications

		60	90	120
Rated power	kW	60	90	120
Power range	kW	20 - 60	27 - 90	36 - 120
Min. chimney draft	Pa	32	33	35
Max. work temperature	°C	85	85	85
Water capacity	l	155	250	490
Maximum operating pressure	Bar	2	2	2
Installation connection	"	GZ 2	GZ 2	GZ 2 ½
Chimney connection (inner diameter)	mm	200	200	200
Boiler mass	kg	510	886	1352
Tank volume	m³	1	1	1
Boiler width	cm	69	84	84
Body depth with flue gas exhaust	cm	104	125	175
Body height	cm	140	149	149
Height of the ash removal module	cm	-	35	35
Height to chimney mid	cm	108	122	122
Return spigot height	cm	32	30,5	30,5

### fuel



Woodchips

### Catalog card

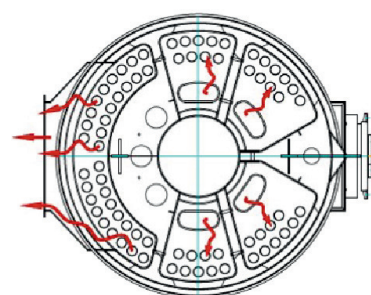
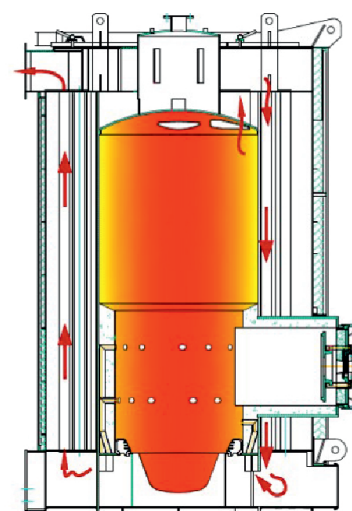
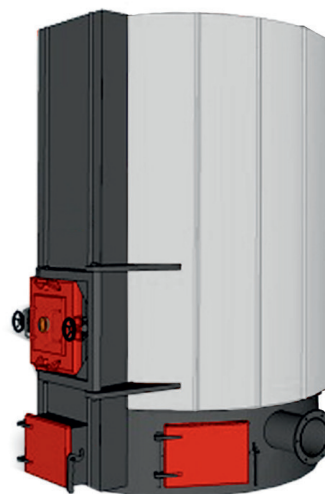


# HT MegaBio by Ventil

580 kW - 7 MW

## Vertical three-pass boilers for automatic burning of woodchips.

- The **HT MegaBio** boiler is a result of cooperation in the production of boilers for woodchips burning by **Heiztechnik** and **Ventil**.
- The boiler is equipped with a cylindrical, made from an incombustible concrete combustion chamber. The chamber has a three-point controlled air blower divided into primary air and two secondary air streams with the possibility of automatic adjustment in connection with the lambda probe.
- The combustion chamber made of refractory concrete enables the combustion of fuels with high humidity.
- Three-pass exhaust gas circulation allowed to obtain a large heating surface of the boiler, which resulted in achieving high efficiency of heat exchange.
- The large water capacity ensures a very stable water temperature and a high level of thermal safety of the entire system.
- Construction of **HT Mega Bio** boilers, prevents deposition dust on the heating surface of the exchanger, which is significant for burning biomass.
- The boiler is controlled by a central control panel that collects information from sensors, fuel supply system, combustion system, and boiler water.
- The regulation system is available through all kinds of mobile devices and the Internet network.



### primary fuel



**Woodchips**

### alternative fuel



**Pellet**

## Basic dimensions and specifications

Type	-	580	750	1000	1250	1500	2000	3000	4000	5000	6500	7000
Rated power	kW	580	870	1160	1450	1750	2320	3480	4640	5800	Information available on request	
Height	cm	293	321	377	382	396	396	481	511	560		
Diameter	cm	205	210	232	240	244	258	311	340	370		
Boiler room - min. height	m	5	5	5,5	5,5	6	6	7	8	8		
Surface of heat exchanger	m <sup>2</sup>	24	35	52	65	79	112	174	230	314		
Boiler mass	kg	4200	4600	4730	7900	5200	10800	13000	29500	34500		
Water capacity	L	2000	3100	4550	5200	5600	9600	9400	13000	18000		
Maximum water temperature	°C	109	109	109	109	109	109	109	109	109		
Average thermal efficiency	%	85 - 90	85 - 90	85 - 90	85 - 90	85 - 90	85 - 90	85 - 90	85 - 90	85 - 90		

The dimensions given may vary from actual dimensions to 2%. Other detailed dimensions are available on the website.

In order to improve the product, **Heiztechnik** reserves the law to change specifications and equipment. The above prospectus does not constitute an offer within the meaning of commercial law.

## Q PLUS AGRO

110 kW



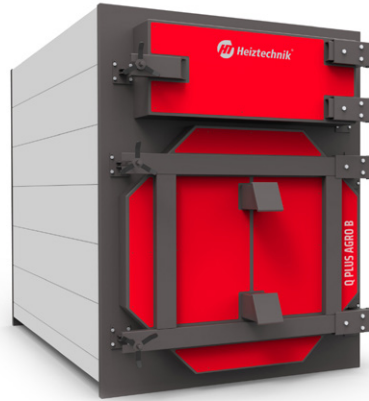
fuel



Straw in cube bales

## Q PLUS AGRO B

150 - 300 kW



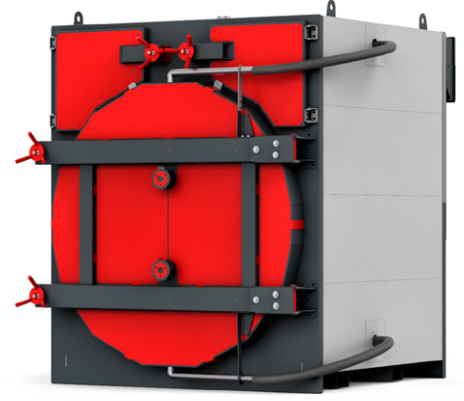
fuel



Straw in round bales  
Ø 120 x 120

## MAX AGRO B

300 - 1000 kW



fuel



Straw in round bales  
Ø 150 x 120 cm



2-year warranty for the tightness of the exchanger with the possibility of extending up to 5 years, in accordance with the conditions contained in the warranty card.



High thermal efficiency thanks to autoregulation of the combustion process and effective heat reception.



Horizontal tubular **HEIZTECHNIK** heat exchanger with high heat exchange efficiency.



Weather control **HT-tronic 251** with color display. It controls work 4 pumps and a mixing valve. Works with a remote control panel, thermostats and an internet module.



Modulated fan operation, increases boiler efficiency and reduces the amount of fuel consumed.



Automation controls the work of the buffer. This improves the combustion process and allows the accumulation of thermal energy.

### Control

HT-Tronic® 251



### Expanding modules for automation

HT-tronic M-Z2



HT-tronic Connect

Web module - access by web browser or mobile application

### Additional equipment / Execution option

Cooling coil

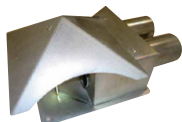
Doors with a water-jacket

		Q PLUS AGRO	Q PLUS AGRO B		MAX AGRO B		
Rated power	kW	110	150	300	300	600	1000
Min. chimney draft	Pa	30	28	30	35	45	55
Max. work temperature	°C	85	85	85	85	85	85
Water capacity	l	610	1300	2200	2100	4800	8500
Maximum operating pressure	Bar	2	2	2	2	2	2
Installation connection	"	GZ 2 ½	GZ 3	GZ 3	3	Dn 100	Dn 100
Return spigot height	cm	31	35	35	41	41	41
Chimney connection (inner diameter)	mm	250	350	350	350	500	600
Boiler mass	kg	1850	2200	3500	3500	7000	12000
Boiler width	cm	110	183	183	215	220	220
Body depth with flue gas exhaust	cm	212	216	357	250	405	530
Body height	cm	192	250	285	250	285	305
Height to chimney mid.	cm	163	201	201	224	243	263
Depth of furnace	cm	167	150	290	145	295	405
Width of furnace / Diam. of furnace	cm	90	148	148	174	174	174
Height of furnace / Diam. of furnace	cm	98	148	148	174	174	174
Height of loading opening	cm	51	-	-	-	-	-



## FEEDERS FOR PELLET BOILERS - for boilers up to 100 kW

### PNEUMATIC KIT I (two-pipe system)



#### Set contains:

- central unit
- internal nozzle
- antistatic pipe dn 50 - 2 pcs. x 10m
- clamps 4 pcs

### PNEUMATIC KIT II (one-pipe system)



#### Set contains:

- Central unit
- case for the tank with the mechanism
- metering, antistatic pipe dn 50 - 1 pc x 15m
- clamps 2 pcs

### PNEUMATIC KIT III (one-pipe system)



#### Set contains:

- central unit,
- „spider“ (crawling collector from a flat floor)
- antistatic pipe dn 50 - 1 pc x 15m
- clamps 4 pcs

#### Additional elements

Dust separator (recommended for one-pipe systems)

Suction cup with a container for a container

Antistatic pipe dn50 - 1m

Telescopic base for the dispenser

Bridged base for the dispenser

Air flow regulator (recommended for single pipe systems)

Fuel tank (steel): width 120cm / depth 120cm / height 150cm - capacity - 1.5m<sup>3</sup>

### SPIRAL SET



HT-tronic Feeder

#### Set contains:

- feeder pipe
- feeding spiral
- gearmotor
- automation with fuel level sensors
- HT-tronic Feeder

## CHIMNEY CONNECTIONS TO BOILERS ONE PLUS

Single-walled chimney connections made of 1.4404 steel, 0.8 mm thick and diameter - 120 mm, intended for the chimney connection of compact boilers.

Straight pipe 0,25m	Straight pipe 0,5m	Straight pipe 1m	45° Degree Elbow (2 Piece)	90° Degree Elbow (3 Piece)	90° Degree Elbow with a cleanout (3 Piece)
<div>d 120</div> <div>a 200</div> <div>b 50</div>	<div>d 120</div> <div>a 450</div> <div>b 50</div>	<div>d 120</div> <div>a 950</div> <div>b 50</div>	<div>d 120</div> <div>a 115</div> <div>b 50</div>	<div>d 120</div> <div>a 200</div> <div>b 50</div>	<div>d 120</div> <div>a 200</div> <div>b 50</div>

## Possible configurations of the pellets boilers

We present a wide range of ecological pellet boilers. Depending on needs, it is possible to select a boiler and fit it into a suitable tank. Boilers tank can be equipped with an additional unit supplying fuel from silo or warehouse.



BASIC 300



SLIM 100



BASIC 300



Universal BIG 400



Universal BIG 600



BIG 1000



Burner in front  
of the tank on the right



Burner in front,  
burner on the left



Burner on the right



Burner on the left



Boiler with  
the SLIM tank



Burner in front  
of the tank on the right



Boiler with the  
BIG 400 tank



Boiler with  
the BIG 600 tank



Boiler with  
the BIG 1000 tank



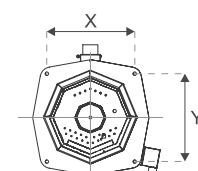
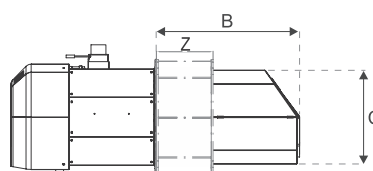
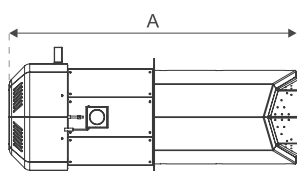
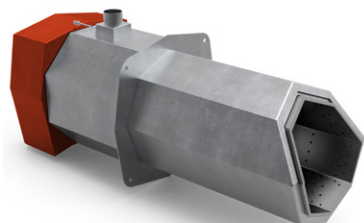
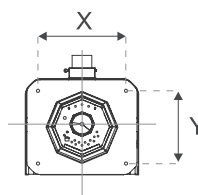
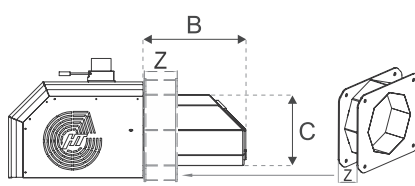
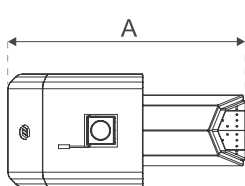
### Pellet boilers tanks

Standard equipment	Width	Depth	Height	Height with the open tank cover	Volume dm <sup>3</sup>
Standard - burner in front of boiler 12 - 37 kW	600	600	1400	1840	300
Standard - burner in front of boiler 50 - 60 kW	1140	730	1400	1950	400
Standard - burner on side of boiler 12 - 40 kW	600	600	1400	1840	185
Standard - burner on side of boiler 45 - 60 kW	1140	730	1400	1950	400
<b>Optional tanks</b>					
SLIM 100	200	600	1400	1580	100
BASIC 300	600	600	1400	-	300
BASIC 400	780	600	1400	-	400
Lux 400	1140	730	1400	1950	400
BIG 400 - Universal	1140	730	1400	1950	400
BIG 600 - Universal	1140	730	1650	2200	600
BIG 1000 - burner at front of the boiler	1200	1200	1500	2100	1000
MAX 1500 - 20000 - burner at front of the boiler	on request				

# HT PelHard+



- A modern burner with an igniter, optical sensor and an internal feeder.
- The burner meets the requirements of the 5th class in accordance with **PN-EN 15270: 2008**. The innovative design allows for exhaust emissions compliant with the **303-5: 2012** standard (**5 th class**)
- The extensive distribution of primary and secondary air ensures the highest quality of combustion. The Omega air curtain at the end of the burner tube ensures optimal afterburning of exhaust gases (Patent Office of the Republic of Poland no. Ru 069890).
- The combustion chamber in the shape of a regular octagon with a „V” shaped floor ensures high combustion efficiency when working with a reduced load - less than 25% of the nominal power (Patent Office of the Republic of Poland No. Ru 069889).
- The **PelHard Plus** burner is equipped with a slag scraper, which is activated cyclically by the boiler automatics and prevents slag accumulation on the furnace (Patent Office of the Republic of Poland No. Ru 069889).
- The ergonomic design of the burner shortens the service time - cleaning, replacement of the igniter, replacement of sensors. The inclined position of the igniter prevents it from getting dirty and wears out prematurely.
- The HT-Logic III algorithm is individually adjusted for each boiler, which automatically selects the operating parameters and modulates the burner power depending on the boiler temperature, which reduces the **amount of fuel consumed**.



**Table of dimensions**

Burner power	14kW	20kW	28kW	35kW	45kW	55kW	70kW	90kW	135kW	170kW	230kW	280kW	350kW	450kW	550kW
A - Total length [mm]	470	480	505	600	650	670	720	750	805	865	935	1036	1155	1192	1244
B - Burner length [mm]	160	170	195	230	280	300	310	330	385	415	470	515	571	608	661
C - Burner height [mm]	133	150	170	182	194	211	219	232	279	303	325	336	370	392	445
X - Horizontal mounting distance [mm]	240	240	240	235	235	235	235	235	280	280	315	315	353	415	415
Y - Vertical mounting distance [mm]	185	185	185	209	220	220	220	220	280	280	315	315	353	415	415
Z - Length of the spacer flange [mm]	-	-	-	-	80	80	80	-	206	206	231	231	206	231	256

# STEROWANIE

## HT-tronic 700 / 900



- Controller **HT-tronic 700** is designed to control the combustion process in an automatic coal boiler.
- Controller **HT-tronic 900** is designed for comprehensive control of a boiler with a pellet burner.
- The automation is individually programmed for each type of boiler and its power
- The use of the innovative **HT Logic III** control algorithm allows for automatic selection of boiler operating parameters in a wide power range using the modulation function.
- Automation continuously controls the boiler operation and heating installation. Operating parameters are presented on a readable display. The device has been equipped with a boiler pump control function to protect the boiler from returning to the cold water boiler from the installation, it is equipped with the function of preparing hot utility water (HUW) in the SUMMER, WINTER mode with the possibility of switching the modes of operation in an AUTOMATIC mode. Controls the operation of the central heating pump with the option of connecting a room thermostat. It has the ability to control the operation of the actuator and mixing valve pump in cooperation with the valve's room thermostat. Controls the fuel level in the container and allows you to connect an additional room device.
- The controller has a large color and legible LCD display with an intuitive interface.
- It is possible to connect the controller to the internet using the **HT tronic Connect** module.

## HT-tronic 700 / 900 Touch



- HT-tronic 700/900 Touch controller is equipped with a 5 " touch, color LCD display with an intuitive user interface, which provide easy operation of the boiler and the heating installation.



## HT-tronic Connect

- Device can be additionally equipped with the HT tronic Connect internet module.
- The internet module enables remote operation and control of the boiler and heating system.
- The legible interface ensures intuitive operation via a computer and smartphone with the system Android and iOS

## REMOTE CONTROL PANELS WITH ROOM THERMOSTAT

### HT-tronic Rooms



- Boiler remote control panel with a room thermostat
- The device functions as a remote panel, enabling management of the boiler temperature, DHW, buffer and mixing systems. Informs about the boiler operation and the amount of fuel in the tank. It allows you to stop and start the boiler operation.
- It has a number of functionalities that allow you to set and control the temperature in a selected room.
- To increase the user's comfort, it is possible to choose one of several management modes, such as: CONSTANT, HOLIDAY, ECONOMIC, AIRING AND TIME ZONES, which automatically adjust the temperature to the individual needs of residents.

### HT-tronic Rooms Touch



- The HT tronic Rooms Touch remote control panel is equipped with a 5-inch touch screen. The modern device is designed for comprehensive boiler and thermal energy management in the apartment.
- The device acts as a boiler remote control panel and enables management of the boiler temperature, hot water, buffer and mixing valves. Informs about the amount of fuel in the tank and the operation of the device.
- It allows you to stop and start the boiler operation.
- In addition to standard temperature sensors, there are humidity level sensors, a barometer and a light intensity sensor. Smooth operation, stability and full integration with external wireless temperature sensors guarantee that the room panel is a complete device for monitoring the heat in the apartment.
- To increase the user's comfort, it is possible to choose one of several management modes, such as: CONSTANT, HOLIDAY, ECONOMIC, AIRING and TIME ZONES, which automatically adjust the temperature to the individual needs of residents.





### **HT-tronic Rooms Wireless**

- Boiler remote control panel with room thermostat - wireless.
- Serves as a panel for remote control of the boiler and installation.
- Room thermostat with a weekly program.
- Enables management of the boiler temperature, DHW, buffer operation and mixing valves.
- Informs about the amount of fuel in the tank and irregularities in the combustion process.
- Enables changing the basic operation parameters of the heating system.
- In case of pellet boilers it allows to stop and start the boiler.
- The HT-tronic Rooms is a wired device.
- HT-tronic Rooms Wireless is a wireless version of HT-tronic Rooms. (wireless data transmission). Power supply 230V.



### **HT-tronic Climate Senso**

- The HT-tronic Climate Senso device is a wireless ambient sensor intended for integration with devices from the HT-tronic rooms line.
- The sensor can be configured as a virtual room thermostat. It enables independent control of an additional heating circuit.
- The sensor collects readings of the current temperature, humidity and pressure, and transmits them via radio waves to the room panel.
- The device is powered by two AAA batteries and has a measuring range from -50° C to 70 ° C for temperature, from 900hPa to 1200hPa for a pressure, and from 0% to 100% for humidity.



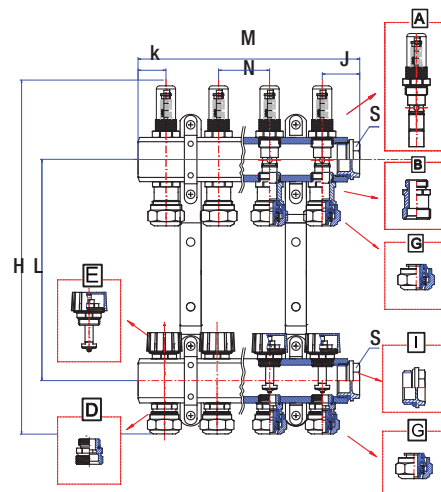
### **HT-tronic Temperature Senso**

- The HT-tronic Temperature Senso device is a wireless temperature sensor, intended for integration with devices from the HT-tronic rooms line.
- The sensor can be configured as a virtual room thermostat. It enables independent control of an additional heating circuit.
- The sensor collects readings of the current temperature and transmits them via radio waves to the room panel.
- The device is powered by two AAA batteries and has a measuring range -50° C to 70° C with an accuracy of +/- 1° C.

## Distributor on the profile 1" for underfloor heating

### The 70E distributor includes:

- supply beam
  - A** - rotameters with maximum flow 2,4L/min
  - B** - eurocones 1/2" x 3/4" with O-ring
  - G** - clamps for the pipe pex/all/pex
- return beam
  - E** - thermostatic valves adopted to the mounting of thermic motors with M30X1,5 thread
  - D** - eurocones 1/2" x 3/4" with O-ring
  - G** - clamps for the pipe pex/all/pex
- 2 mounting fittings with shock-absorbers
- I** - 2 plugs 1" with O-ring for a key

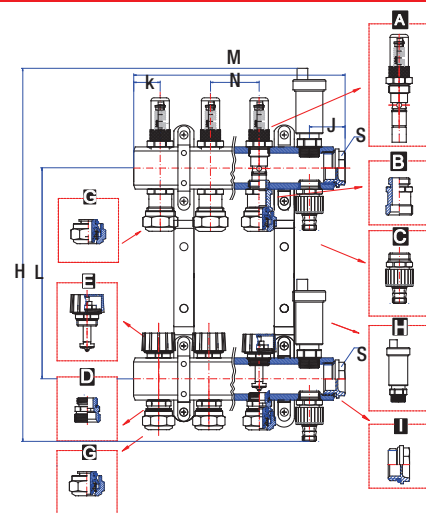


Circuits	G	L	H	M	N	K	S	J	Package	Palette	kg	Index	Net price [PLN]	Gross price [PLN]
2	1/2"	235	338	110	50	25	30	35	1	120	2,26	CVA416	242,00	297,66
3	1/2"	235	338	160	50	25	30	35	1	120	3,08	CVA417	346,50	426,20
4	1/2"	235	338	210	50	25	30	35	1	120	3,90	CVA418	445,50	547,97
5	1/2"	235	338	260	50	25	30	35	1	72	4,72	CVA419	544,50	669,74
6	1/2"	235	338	310	50	25	30	35	1	72	5,54	CVA420	643,50	791,51
7	1/2"	235	338	360	50	25	30	35	1	72	6,37	CVA421	742,50	913,28
8	1/2"	235	338	410	50	25	30	35	1	48	7,19	CVA422	841,50	1 035,05
9	1/2"	235	338	460	50	25	30	35	1	48	8,01	CVA423	940,50	1 156,82
10	1/2"	235	338	510	50	25	30	35	1	48	8,83	CVA424	1 039,50	1 278,59
11	1/2"	235	338	560	50	25	30	35	1	36	9,65	CVA425	1 155,00	1 420,65
12	1/2"	235	338	610	50	25	30	35	1	36	10,48	CVA426	1 254,00	1 542,42
13	1/2"	235	338	660	50	25	30	35	1	36	11,30	CVA427	1 353,00	1 664,19
14	1/2"	235	338	710	50	25	30	35	1	36	12,12	CVA428	1 452,00	1 785,96
15	1/2"	235	338	760	50	25	30	35	1	36	12,94	CVA429	1 551,00	1 907,73

## Distributor on the profile 1" for underfloor heating with venting and filling valves

### The 71E distributor includes:

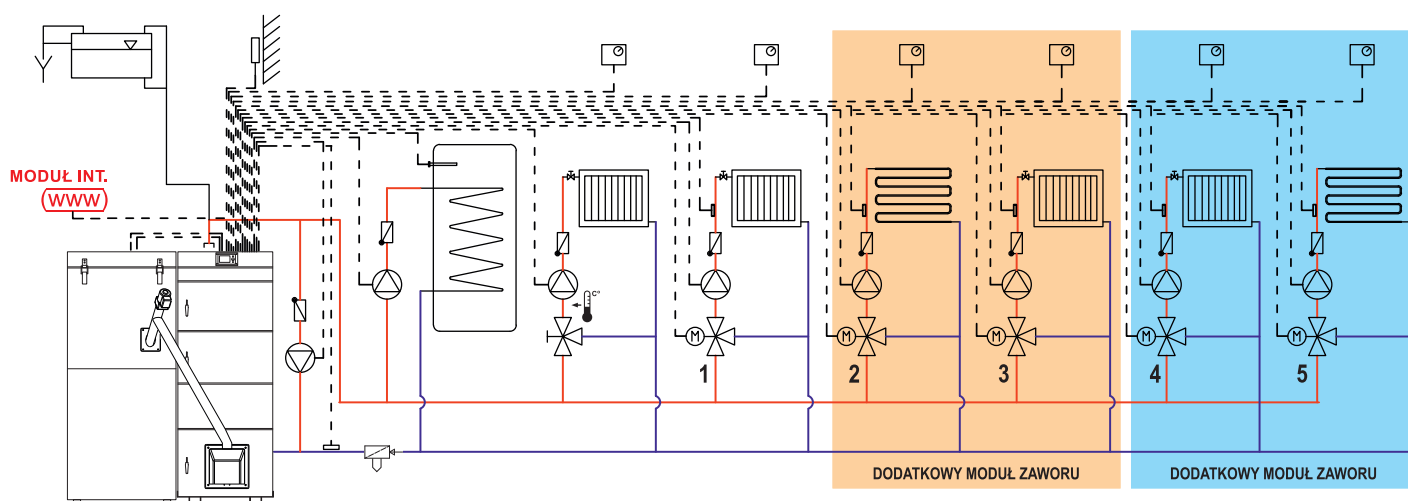
- supply beam with additional section
  - C** - drain valves for hose
  - H** - automatic air vent with stop valve
  - A** - rotameters with maximum flow 2,4L/min
  - B** - eurocones 1/2" x 3/4" with O-ring
  - G** - clamps for the pipe pex/all/pex
- return beam with additional section
  - C** - drain valves for hose
  - H** - automatic air vent with stop valve
  - E** - thermostatic valves adopted to the mounting of thermic motors with M30X1,5 thread
  - D** - eurocones 1/2" x 3/4" with O-ring
  - G** - clamps for the pipe pex/all/pex
- 2 mounting fittings with shock-absorbers
- I** - 2 plugs 1" with O-ring for a key



Circuits	G	L	H	M	N	K	S	J	Package	Palette	kg	Index	Net price [PLN]	Gross price [PLN]
2	1/2"	235	400	160	50	25	30	35	1	120	3,13	CVA402	368,50	453,26
3	1/2"	235	400	210	50	25	30	35	1	120	3,96	CVA403	467,50	575,03
4	1/2"	235	400	260	50	25	30	35	1	120	4,78	CVA404	566,50	696,80
5	1/2"	235	400	310	50	25	30	35	1	72	5,60	CVA405	665,50	818,57
6	1/2"	235	400	360	50	25	30	35	1	72	6,42	CVA406	764,50	940,34
7	1/2"	235	400	410	50	25	30	35	1	72	7,24	CVA407	863,50	1 062,11
8	1/2"	235	400	460	50	25	30	35	1	48	8,07	CVA408	957,00	1 177,11
9	1/2"	235	400	510	50	25	30	35	1	48	8,89	CVA409	1 056,00	1 298,88
10	1/2"	235	400	560	50	25	30	35	1	48	9,71	CVA410	1 177,00	1 447,71
11	1/2"	235	400	610	50	25	30	35	1	36	10,53	CVA411	1 270,50	1 562,72
12	1/2"	235	400	660	50	25	30	35	1	36	11,35	CVA412	1 375,00	1 691,25
13	1/2"	235	400	710	50	25	30	35	1	36	12,18	CVA413	1 474,00	1 813,02
14	1/2"	235	400	760	50	25	30	35	1	36	13,00	CVA414	1 573,00	1 934,79
15	1/2"	235	400	810	50	25	30	35	1	36	13,82	CVA415	1 721,50	2 117,45

## Customization options

1. Boilers can be equipped with a cooling coil.
2. Feeder boilers can be equipped with an automatic ashing removal system.
3. Feeder boilers and pellet boilers can be equipped with an enlarged fuel tank.
4. Feeder boilers can be equipped with HT-tronic OPS Eko Lambda module (Combustion optimizer process).
5. Pellet boilers can be equipped with the HT-tronic OPS Lambda (Lambda probe).
6. Pellet boilers can be equipped with pneumatic or spiral fuel feeders
7. Pellet Burners can be equipped with the pneumatic cleaning system



Scheme of HT-tronic 700/900 lub HT-tronic 700/900 Touch with two valve modules

## LEGEND

	boiler pump (introduced successively)		thermostat line / room thermostat
	boiler pump (central heating)		control of additional fuel feeder
	domestic hot water pump		HT Logic III - boiler operation in mode
	domestic hot water pump		modulating boiler operation
	circulation circuit pump		internet module
	buffer pump		color display
	mixing valve actuator control		touchscreen color display
	dirt separator with magnetizer		5-year warranty on the tightness of the exchanger - in accordance with the conditions contained in the warranty card
	valve actuator control in weather mode		energy class

**Heiztechnik** does not guarantee that the specifications provided will be faultless.



# Heiztechnik®

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