



**HITZE**  
PRODUCER OF FIREPLACES

# CONVECTION FIREPLACE INSERTS

SYSTEM PREMIUM

# ARDENTE

# Join the group of those *who chose well.*

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Hitze is a modern brand of ecological fireplace inserts and free-standing stoves. We have specialized in **wood-fired appliances** for over 20 years. Our headquarters and the entire production are located in Poland, but our representatives can be found in over **35 countries** in Europe, Africa and Asia.

The dynamic development over the last 5 years has strengthened our position in the segment of high-quality products while maintaining **competitive prices**.

## **ARDENTE** SYSTEM PREMIUM

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8,5 kW

ADJUSTABLE POWER RANGE

28,5 kW

From the beginning the assumption of providing exceptional quality have determined the concept and technical solutions of fireplace inserts from the ARDENTE line. That's why they are **the perfect choice for people who expect more** from objects that create a home interior.

Quality in production is a philosophy of creating products that give satisfaction from use. That is why we conduct a rigorous selection of materials that make up our fireplaces. Comfortable burning and service as well as keeping the fireplace clean guarantee long-term satisfaction with a well-made decision. We are sure that you will appreciate the „small big“ changes that we have implemented in **the ARDENTE models - our PREMIUM SYSTEM**.

The ARDENTE line is a special selection of the most popular dimensions of glazing and is an effect of work on optimizing the heating power of our furnaces. By conducting restrictive emission tests, we pay attention to ecology, which also shows in reducing the nominal wood consumption.

## GLASS WIDTH

90 cm

105 cm

120 cm

ARDENTE models allow for flexible use: from typical decoration to permanent heating of rooms, even with a large cubature. At the same time, we are proud that we have created **one of the largest offers of modern and designer inserts for double-sided projects (DUO)**.

### DECORATIVE USE:



#### THE CHOICE OF ARCHITECTS

as an innovative way of connecting and dividing the living space,



#### REDUCTION OF THE ROOM OVERHEATING

due to low adjustable power ranges and optional internal glass panes,



**PERSONALIZATION** of the size of the building by choosing one of 4 sizes,



**LUXURIOUS** panoramic vision of fire in larger models,



#### MINIMALISTIC STYLE OF THE DOOR

ideal for interiors with elegant, glamor, scandinavian, loft or modern character,



#### POSSIBILITY TO REPLACE THE GRATE

with maintenance-free Bio Insert.

### HEATING USE:



**FASTER IGNITION** on enlarged cast iron grate with the possibility of using logs up to 50 cm long,



**LESS FREQUENT LOADINGS** due to the possibility of using more wood at once,



#### REDUCED WOOD CONSUMPTION

thanks to central combustion afterburner system called **TURBO BURN** and multichannel regulation of the internal air circulation,



#### LONGER HEAT ACCUMULATION TIME

thanks to increased weight up to 30%\*,



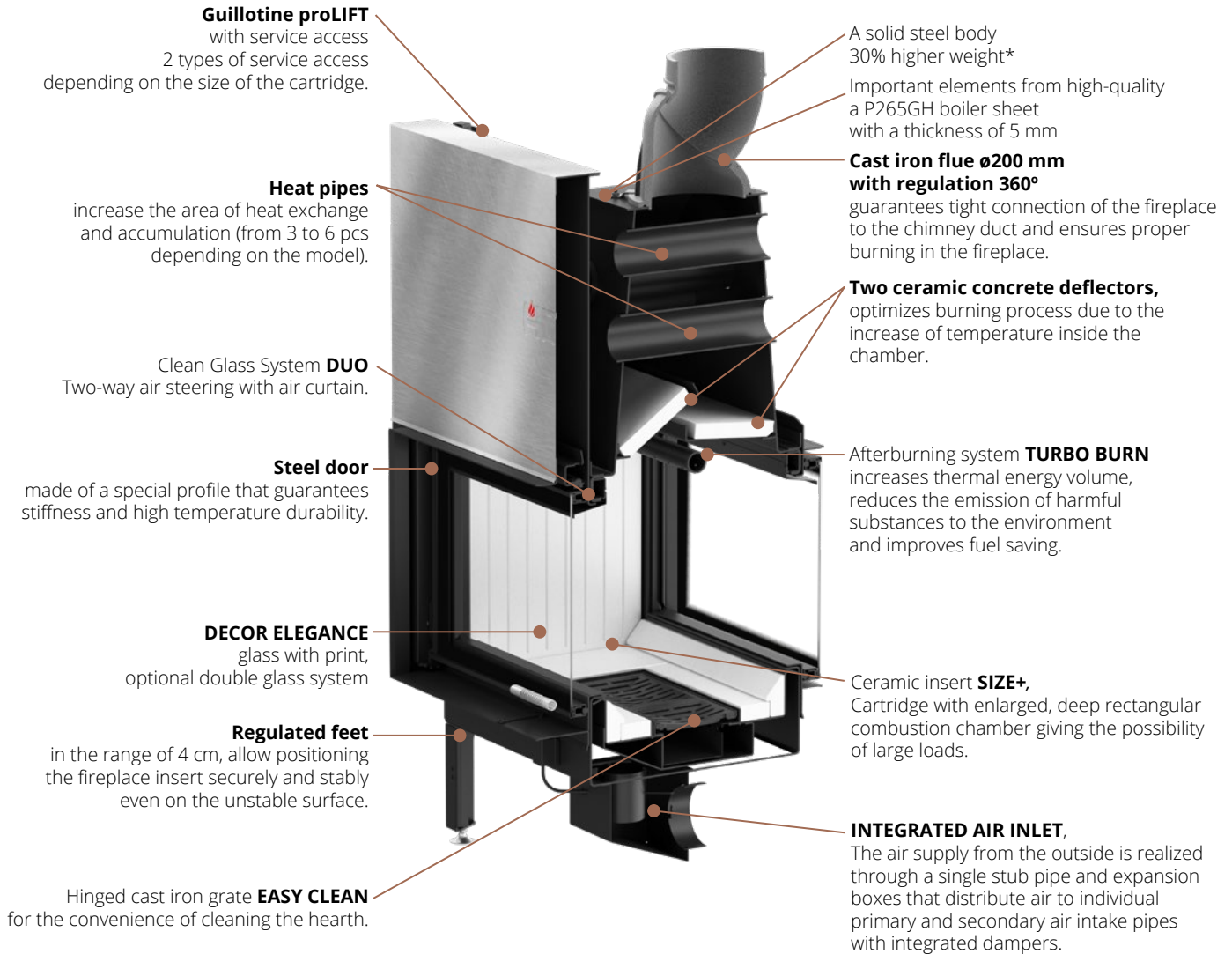
Convenient cleaning of the hearth and reduction of its frequency - **LIFTED EASY CLEAN GRATE AND ENLARGED ASH PAN,**



Safety **VENTILATED HANDLE.**

\*In comparison with the models from the Albero line.

# TECHNICAL SOLUTIONS








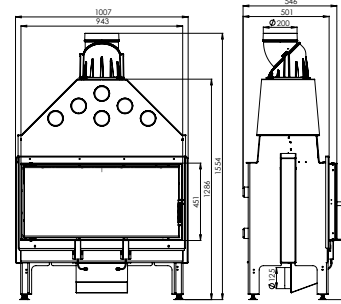
\*In comparison with the models from the Albero line.



### ARD90x41.S






standard horizontal

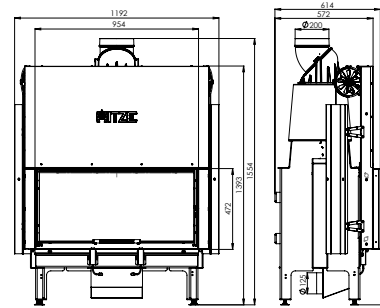
-  17,0 kW
-  8,5 - 22,0 kW
-  79 %
-  680 - 1100 cm<sup>2</sup>
-  1190 - 1360 cm<sup>2</sup>



### ARD90x41.G






guillotine horizontal

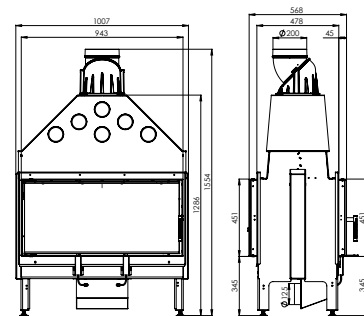
-  17,0 kW
-  8,5 - 22,0 kW
-  79 %
-  680 - 1100 cm<sup>2</sup>
-  1190 - 1360 cm<sup>2</sup>



### ARD90x41.DSS






two-sided horizontal,  
standard/standard

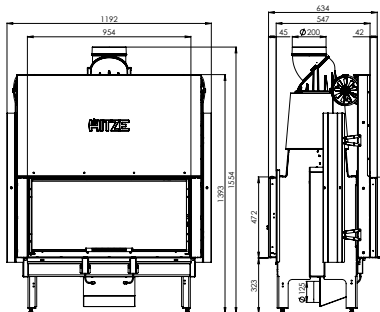
-  18,0 kW
-  9,0 - 23,0 kW
-  79 %
-  720 - 1170 cm<sup>2</sup>
-  1260 - 1440 cm<sup>2</sup>



### ARD90x41.DGS

two-sided horizontal,  
guillotine/standard

-  18,0 kW
-  9,0 - 23,0 kW
-  79 %
-  720 - 1170 cm<sup>2</sup>
-  1260 - 1440 cm<sup>2</sup>



# ARDENTE 105x43

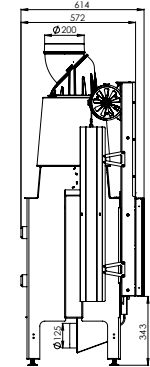
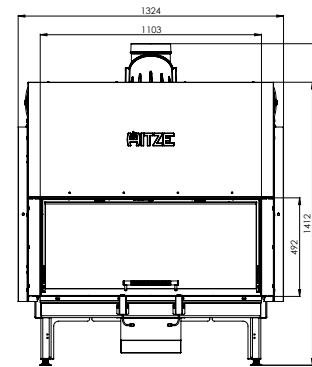
PREMIUM SYSTEM



## ARD105x43.G

guillotine horizontal

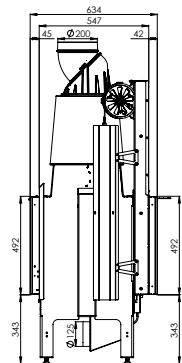
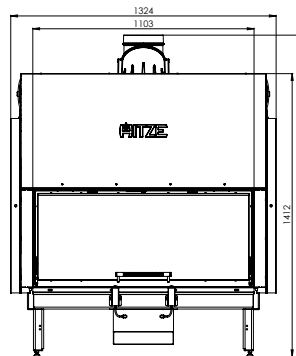
- 19,0 kW
- 9,5 - 24,5 kW
- 75,5 %
- 760 - 1240 cm<sup>2</sup>
- 1330 - 1520 cm<sup>2</sup>



## ARD105x43.DGS

two-sided horizontal,  
guillotine/standard

- 20,0 kW
- 10,0 - 26,0 kW
- 78 %
- 800 - 1300 cm<sup>2</sup>
- 1400 - 1600 cm<sup>2</sup>








See page 9 for the meaning of the icons used.

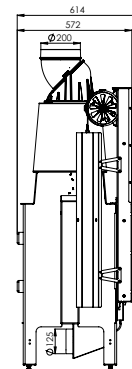
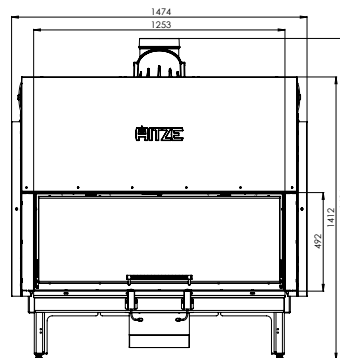
# ARDENTE 120x43

PREMIUM SYSTEM








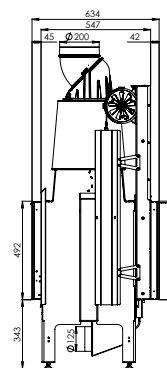
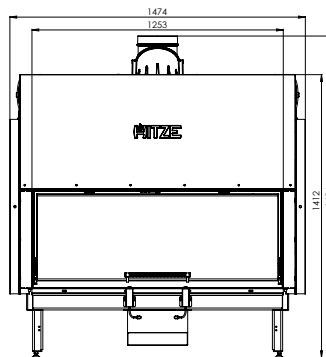
**ARD120x43.G**  
guillotine horizontal

-  22,0 kW
-  11,0 - 28,5 kW
-  79 %
-  880 - 1430 cm<sup>2</sup>
-  1540 - 1760 cm<sup>2</sup>



**ARD120x43.DGS**  
two-sided horizontal,  
guillotine/standard

-  22,0 kW
-  11,0 - 28,5 kW
-  76,5 %
-  880 - 1430 cm<sup>2</sup>
-  1540 - 1760 cm<sup>2</sup>



# FIREPLACE PERSONALIZATION

## STANDARD OPENING



INOX VENT



INOX VENT  
PORTAL



BLACK VENT



BLACK VENT  
PORTAL



BLACK BASIC

## GUILLOTINE OPENING (available in 5 sizes)



INOX VENT G



BLACK VENT G



BLACK MINIMAL G

## MASKING FRAMES



MASKING FRAMES:  
4/4 M01 - 25 mm  
4/4 M03 - 50 mm

## BLACK CERAMIC CONCRETE INSERT

available for all models



## GLASS BASES



### BASE 01

Dimensions (mm) 515 x 350

### BASE 02

Dimensions (mm) 1067 x 1260

Material: tempered glass



# VENTILATION GRIDS

## DECCO

Available in various colors and sizes.  
Material: steel with a thickness of 1.5 mm.  
Mounting frame included.



DECCO  
size: 20 x 20 cm  
KDC-20x20-W

DECCO  
size: 20 x 30 cm  
KDC-20x30-W

DECCO  
size: 20 x 40 cm  
KDC-20x40-W

DECCO  
size: 20 x 50 cm  
KDC-20x50-W

## SLIM

Available in various shapes and sizes.  
Shapes: straight and corner  
Material: steel with a thickness of 1.5 mm



## SLIM INOX

Available in various shapes and sizes.  
Base colors: black  
Finish: stainless steel, polished  
Shapes: straight and corner  
Material: steel with a thickness of 1.5 mm



# INSTALLATION ACCESSORIES:

## HEAT EXCHANGERS

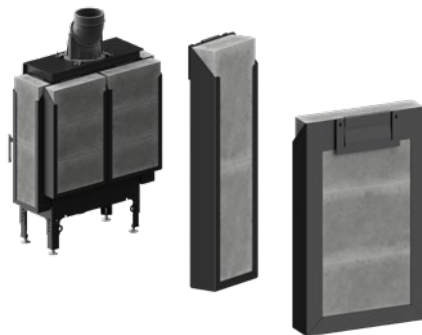


**WCPW01w.Fi200**  
heat exchanger  
with water jacket  
and coil pipe  
material:  
boiler steel 3 mm  
 < 7 kW



**WCPP01.Fi200**  
air heat exchange  
  
material:  
boiler steel 3 mm  
 < 7 kW

## ACCUMULATION SET



For the lines:  
ALBERO, ALBERO AQUASYSTEM,  
ARDENTE, STMA  
**Block weight: 14,5 kg**

## ADDITIONAL FEET









For the lines:  
ALBERO, ALBERO AQUASYSTEM,  
STMA, ARDENTE

# ARDENTE - technical data

ARDENTE	ARD90x41.S	ARD90x41.G	ARD90x41.DSS	ARD90x41.DGS	ARD105x43.G	ARD105x43.DGS	ARD120x43.G	ARD120x43.DGS
Nominal power [kW]	17,0	17,0	18,0	18,0	19,0	20,0	22,0	22,0
Heating load range [kW]	8,5-22,0	8,5-22,0	9,0-23,0	9,0-23,0	9,5-24,5	10,0-26,0	11,0-28,5	11,0-28,5
Thermal efficiency [%]	79	79	79	79	75,5	78	79	76,5
CO emission (at13%O <sub>2</sub> ) [g/m <sup>3</sup> ]	0,903	0,903	0,584	0,584	1,217	0,508	0,827	0,431
CO emission (at13%O <sub>2</sub> ) [%]	0,0723	0,0723	0,0467	0,0467	0,0973	0,0406	0,0662	0,0345
Dust emission [g/m <sup>3</sup> ]	0,034	0,034	0,035	0,035	0,035	0,036	0,038	0,036
Average fuel consumption [kg/h]	5,1	5,1	5,3	5,3	5,9	6	6,5	6,8
Recommended active area of outlet grids [cm <sup>2</sup> ]	1190-1360	1190-1360	1260-1440	1260-1440	1330-1520	1400-1600	1540-1760	1540-1760
Recommended active area of inlet grids [cm <sup>2</sup> ]	680-1100	680-1100	720-1170	720-1170	760-1240	800-1300	880-1430	880-1430
Dimensions of the glass [mm]	900x410	900x410	900x410	900x410	1050x430	1050x430	1200x430	1200x430
External dimensions [mm]	1007x1554x597	1192x1554x647	1007x1554x645	1192x1554x694	1324x1604x660	1324x1604x708	1474x1604x662	1474x1604x708
Diameter of the flue [mm]	200	200	200	200	200	200	200	200
Inlet diameter [mm]	125	125	125	125	125	125	125	125
Maximum log length [mm]	500	500	500	500	500	500	500	500
Weight of the insert [kg]	307	363	294	350	409	395	435	421
Masking frame 4/4	FARD90x41S-M01 FARD90x41S-M03	FARD90x41G-M01 FARD90x41G-M03	FARD90x41S-M01 FARD90x41DS-M01 FARD90x41S-M03 FARD90x41DS-M03	FARD90x41G-M01 FARD90x41DS2-M01 FARD90x41G-M03 FARD90x41DS2-M03	FARD105x43G-M01 FARD105x43G-M03	FARD105x43G-M01 FARD105x43DS2-M01 FARD105x43G-M03 FARD105x43DS-M03	FARD120x43G-M01 FARD120x43G-M03	FARD120x43G-M01 FARD120x43DS2-M01 FARD120x43G-M03 FARD120x43DS-M03
Efficiency coefficient	105,6	105,6	105,6	105,6	100,5	104,1	105,6	101,9
Energy class	A	A	A	A	A	A	A	A

## MEANING OF THE ICONS USED:

-  Nominal power
-  Heating load range
-  Thermal efficiency
-  Recommended active area of outlet grids
-  Recommended active area of inlet grids
-  Dimensions






[www.hitze.pl](http://www.hitze.pl)



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