



# PELLETS & WOOD HYBRID FIREPLACES



[www.iwonapellets.com](http://www.iwonapellets.com)

## MOST IMPORTANT AWARDS



Silver award of the BOIS ENERGIE fair in Grenoble 2018



Gold medal of the BUDMA/KOMINKI fair in Poznań 2016 and 2017 – selection made by consumers.



Gold medal of the INTERBUD fair in Łódź 2017



Nomination to the main award – Product of the Year 2016, award granted by the magazine “Świat Kominków” [World of Fireplaces].



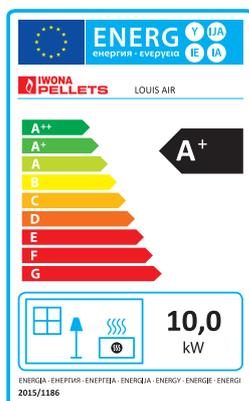
Green Flame 2015, award granted by the magazine “Świat Kominków” [World of Fireplaces].



Gold Flame, Product of the Year 2014, award granted by the magazine “Świat Kominków” [World of Fireplaces].



2018: **ECODESIGN/EKOPROJEKT** certificate authorising its holder to obtain any funding for purchase and installation of all IWONA PELLETS hybrid fireplaces across Europe.



All fireplaces have the high energy class A+ on the left side – an exemplary label for LOUIS AIR fireplace.

Dear Sirs,

in 2011 we started production and sale of new generation fireplaces under the brand IWONA PELLETS – i.e. automatic pellets fireplace inserts where wood or briquette may be burned as well.

Due to the advanced production process our fireplace inserts meet the highest European requirements, inter alia, ECODESIGN, and are CE-marked. We deliver fireplace inserts to most countries in Europe.



The products meet the requirements of so-called new approach directives of the European Union (EU).



Designs of equipment produced by our company are developed in the 3D CAD SolidWorks technology



Fireplace with ECODESIGN – EKOPROJEKT certificate. Authorising its holder to obtain any funding for purchase.



Registered office of IWONA Group: Rąbień AB, 95-070 Aleksandrów Łódzki

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Serve as the  
only and primary  
source  
of heating

# AIR FIREPLACES

Automatic air fireplace inserts with an option of hot air distribution do several rooms by means of DGP turbine.



**FELIX AIR**  
10 kW | up to 150 sq m  
container: 30 kg



**FELIX LONG AIR**  
10 kW | up to 150 sq m  
container: 30 kg



**ALEX AIR**  
10 kW | up to 170 sq m  
container: 30 kg



**LOUIS AIR**  
10 kW | up to 170 sq m  
container: 45 kg or 30 kg



**LOUIS CORNER LEFT AIR**  
10 kW | up to 170 sq m  
container: 30 kg or 45 kg



**LOUIS CORNER RIGHT AIR**  
10 kW | up to 170 sq m  
container: 30 kg or 45 kg



**LOUIS PANORAMA AIR**  
10 kW | up to 170 sq m  
container: 45 kg or 30 kg



**LOUIS GRAND AIR**  
10 kW | up to 170 sq m  
container: 30 kg or 45 kg

# AQUA FIREPLACES

Automatic fireplace inserts with water jacket for central heating and hot potable water.

Serve as the only and primary source of heating



**FELIX AQUA**  
13 kW | up to 170 sq m  
container: 30 kg



**FELIX LONG AQUA**  
13 kW | up to 170 sq m  
container: 30 kg



**ALEX AQUA**  
15 kW | up to 200 sq m  
container: 30 kg



**LOUIS AQUA**  
15 kW | up to 200 sq m  
container: 45 kg or 30 kg



**LOUIS PANORAMA AQUA**  
15 kW | up to 200 sq m  
container: 45 kg or 30 kg



All fireplaces are equipped with original German fireplace glasses.



We recommend for houses with recuperation.



Fireplace with ECODESIGN – EKOPROJEKT certificate, authorising its holder to obtain any funding for purchase.



Designs of equipment produced by our company are developed in the 3D CAD SolidWorks technology.



# ADVANTAGES

## OF IWONA PELLETS FIREPLACES



### AUTOMATIC CLEANING OF THE FURNACE

We were the first ones who used in our fireplaces the mechanism cleaning the furnace patented by us allowing the limitation of the opening of the doors in the fireplace up to 1 time a month. The furnace is automatically cleaned at a specified time keeping the hearth clean.



### AUTOMATIC FIRING AND EXTINCTION

Both the pellet and wood are fired automatically within 5 minutes. The intelligent controller, after exceeding the room temperature, makes the fire extinguish, while when it is reduced, it will automatically fire it again.



### CLOSED COMBUSTION CHAMBER

IWONA PELLETS fireplaces, as a few on the market, have a closed combustion chamber, and thus can be used in buildings, which have the installation of air recuperation. IWONA PELLETS fireplaces take 100% of air needed for combustion from the outside of the building.

Most fireplaces available on the market have the air intake outside the building, while they do not have the closed combustion chamber, in which case most combustion air is taken from the room anyway.



### AUTOMATIC COMBUSTION AIR INTAKE THROTTLE

No more manual control of the combustion process in your fireplace! The fireplace as a standard is equipped with the automatic combustion air intake throttle allowing the automatic adjustment of the wood combustion process.



### ACTIVE CLEAN GLASS SYSTEM

In cooperation with the closed combustion chamber the fireplaces are equipped with special hot air ducts creating a unique air curtain by the glass protecting it from dirt. The glass in the fireplaces is clean for many days.



### THE BUILT-IN ROOM THERMOSTAT

The fireplace as a standard is equipped with a room temperature sensor and the whole operation of the fireplace is focused on maintaining the desired temperature in the room. The controller can be equipped with an additional temperature sensor, which can be placed anywhere.



### WEEKLY TIMER

The fireplace as a standard is equipped with a weekly timer, which is used to program any temperature for any hour of any day of the week.



### AUTOMATIC SWITCH FROM PELLET MODE INTO WOOD MODE

Fireplaces have a fantastic function of automatic switch after burning wood into pellet.



### 3<sup>RD</sup> GENERATION FUZZY LOGIC AUTOMATIC POWER MODULATION

Fireplaces have an automatic power modulation. This means that when the room is extra heated, then the fireplace power is reduced in order to optimally maintain this temperature.



### EFFICIENCY ABOVE 90%

All our fireplaces are characterised by their efficiency greater than 90%, this means that they are particularly economical and consume little pellet and wood.



### OPERATES WITHOUT POWER SUPPLY

In the event of the power supply failure, wood can be burned in AIR fireplaces in the traditional manner.

## FUELS USED:



PELLET



BRIQUETTE



WOOD

## ADDITIONAL OPTIONS:

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### Systems limiting heat transfer through glass:



### Accessories:

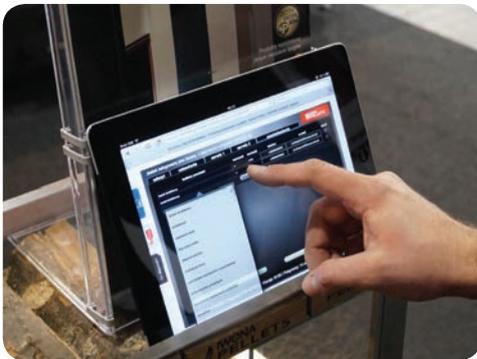


Glass protection grill



cover frame/blende – door finishing around fireplace door

### System **CONNECT-WiFi** - Control via internet module:



# FELIX AIR

The air PELLET AND WOOD fireplace with automatic firing up and fuel dosing system.  
 Catalogue No. FA0130



Power range:  
**6-10 kW**

The surface of the heated building: **up to 150 sq m** depending on the building's thermal insulation



Hot air distribution turbine operation control



Standard left- or right-side tank: **30 kg**  
 Manual ash removal **every 2 weeks required**

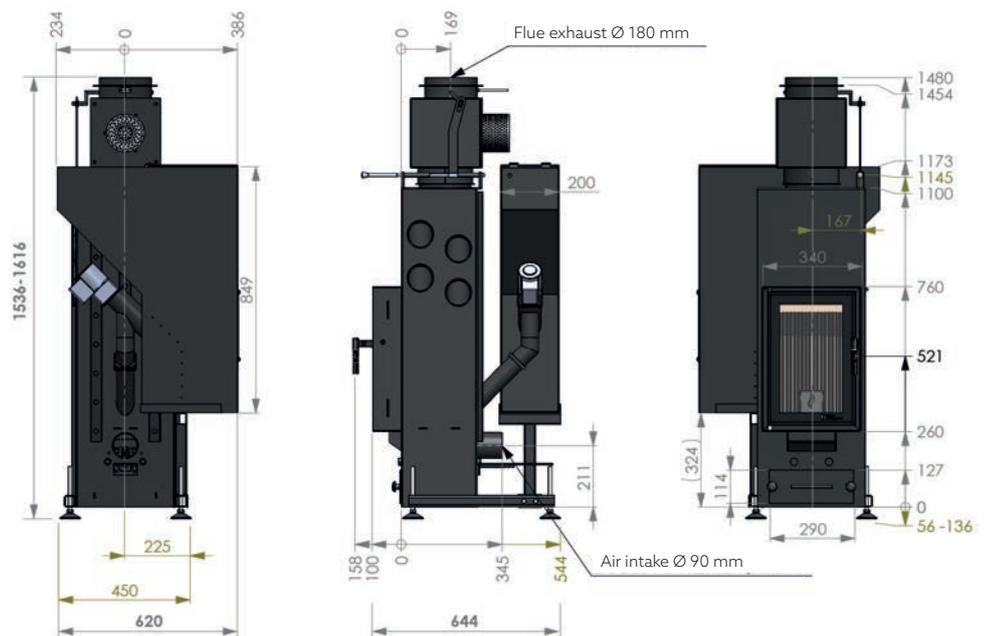


- Double fuel
- Automatic firing up of wood
- Automatic firing up of pellet
- Automatic switch from pellet to wood
- Closed combustion chamber
- Active clean glass system
- Double furnace cleaning system
- System Connect Wi-Fi
- Operates without power supply

### Equipment options:

-  Cover frame/blende  
cat.-no. MAS+FA01
-  Grill  
cat.-no. GRIL+FA01
-  System CONNECT WIFI  
cat.-no. WIFI01
-  Enlarged pellet tank:  
100 kg - cat.-no. T100  
200 kg - cat.-no. T200  
400 kg - cat.-no. T400
-  Pneumatic transport system  
cat.-no. POD02

### Dimensions:





Power range:  
**6-13 kW**

The surface of the heated building:  
**up to 170 sq m**  
depending on the building's thermal insulation

Standard left- or right-side tank: **30 kg**

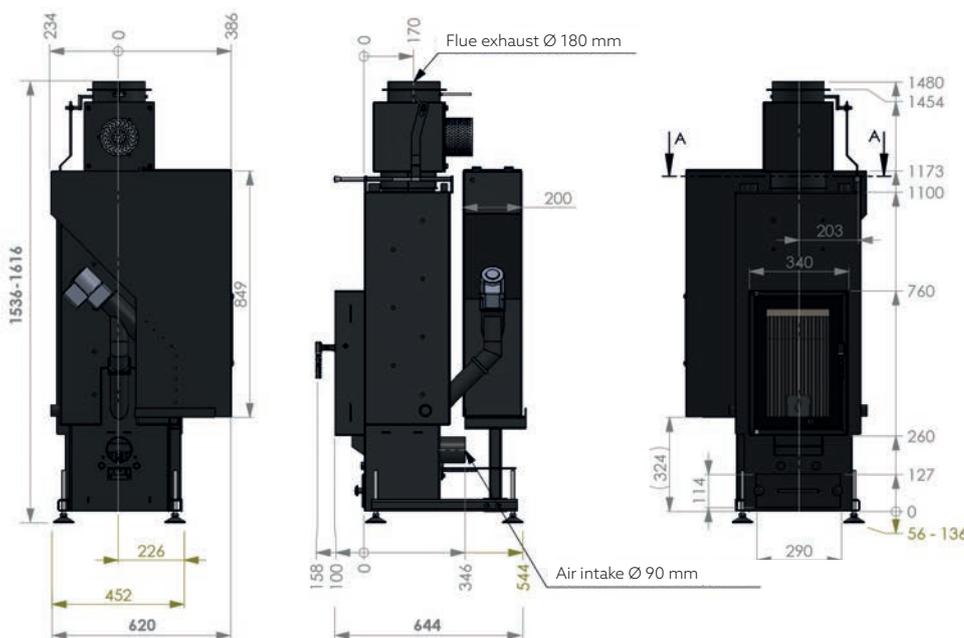
Manual ash removal  
**every 2 weeks required**



Integrated cooling coil

- Double fuel
- Automatic firing up of wood
- Automatic firing up of pellet
- Automatic switch from pellet to wood
- Closed combustion chamber
- Active clean glass system
- Double furnace cleaning system
- System Connect Wi-Fi

**Dimensions:**



**Equipment options:**

- Cover frame/blende  
cat.-no. MAS+FQ01
- Grill  
cat.-no. GRIL+FQ01
- System CONNECT WIFI  
cat.-no. WIFI01
- Enlarged pellet tank:  
100 kg - cat.-no. T100  
200 kg - cat.-no. T200  
400 kg - cat.-no. T400
- Pneumatic transport system  
cat.-no. POD02
- 2x** TwinGLASS double glass  
cat.-no. FQ02
- 3x** TripleGLASS triple glass  
cat.-no. FQ03

# FELIX LONG AIR

The air PELLET AND WOOD fireplace with automatic firing up and fuel dosing system.  
Catalogue No. FLA0130



Power range:  
**6-10 kW**

The surface of the heated building: **up to 150 sq m** depending on the building's thermal insulation



Standard left- or right-side tank: **30 kg**  
Manual ash removal **every 2 weeks required**



Hot air distribution turbine operation control

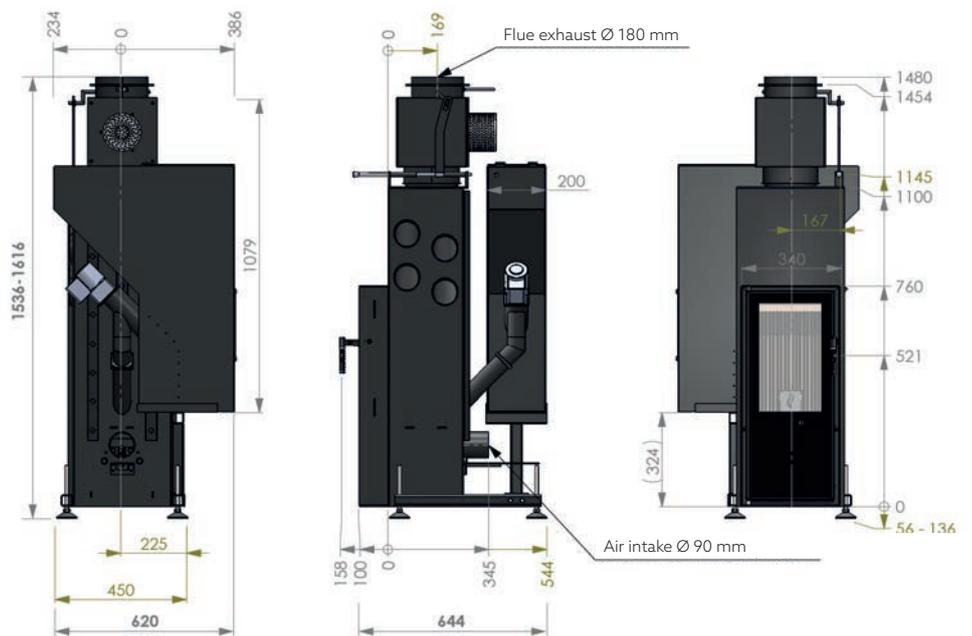


- Double fuel
- Automatic firing up of wood
- Automatic firing up of pellet
- Automatic switch from pellet to wood
- Closed combustion chamber
- Active clean glass system
- Double furnace cleaning system
- System Connect Wi-Fi
- Operates without power supply

## Equipment options:



## Dimensions:





Power range:  
**6-13 kW**

The surface of the heated building:  
**up to 170 sq m**  
depending on the building's thermal insulation

Standard left- or right-side tank: **30 kg**

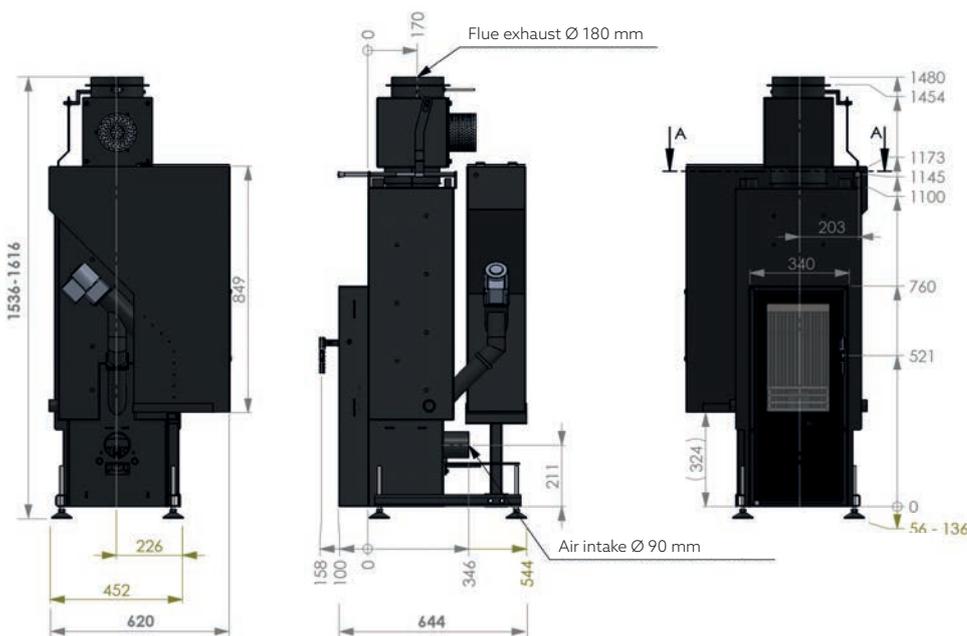
Manual ash removal **every 2 weeks required**



Integrated cooling coil

- Double fuel
- Automatic firing up of wood
- Automatic firing up of pellet
- Automatic switch from pellet to wood
- Closed combustion chamber
- Active clean glass system
- Double furnace cleaning system
- System Connect Wi-Fi

**Dimensions:**



**Equipment options:**

- Cover frame/blende  
cat.-no. MAS+FLQ01
- Grill  
cat.-no. GRIL+FLQ01
- System CONNECT WIFI  
cat.-no. WIFI01
- Enlarged pellet tank:  
100 kg - cat.-no. T100  
200 kg - cat.-no. T200  
400 kg - cat.-no. T400
- Pneumatic transport system  
cat.-no. POD02
- 2x** TwinGLASS double glass  
cat.-no. FLQ02
- 3x** TripleGLASS triple glass  
cat.-no. FLQ03

# ALEX AIR

The air PELLET AND WOOD fireplace with automatic firing up and fuel dosing system.  
Catalogue No. AA0230



Power range:  
**6-10 kW**

The surface of the heated building:  
**up to 170 sq m**  
depending on the building's thermal insulation

**Twin GLASS**  
in standard



Hot air distribution turbine operation control

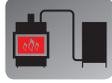


Standard left- or right-side tank: **30 kg**  
Manual ash removal **every 3 weeks required**

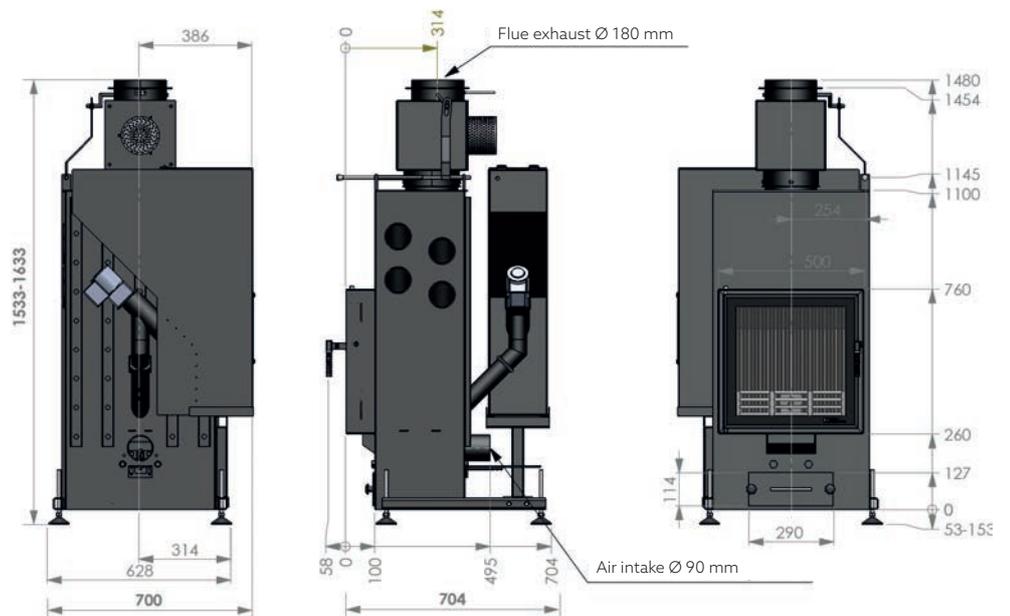


- Double fuel
- Automatic firing up of wood
- Automatic firing up of pellet
- Automatic switch from pellet to wood
- Closed combustion chamber
- Active clean glass system
- Double furnace cleaning system
- System Connect Wi-Fi
- Operates without power supply

## Equipment options:

-  Cover frame/blende  
cat.-no. MAS+AA02
-  Grill  
cat.-no. GRIL+AA02
-  System CONNECT WIFI  
cat.-no. WIFI01
-  Enlarged pellet tank:  
100 kg - cat.-no. T100  
200 kg - cat.-no. T200  
400 kg - cat.-no. T400
-  Pneumatic transport system  
cat.-no. POD02

## Dimensions:



Power range:  
**6-15 kW**

The surface of the heated building:  
**up to 200 sq m**  
depending on the building's thermal insulation

Standard left- or right-side tank: **30 kg**

Manual ash removal **every 3 weeks required**

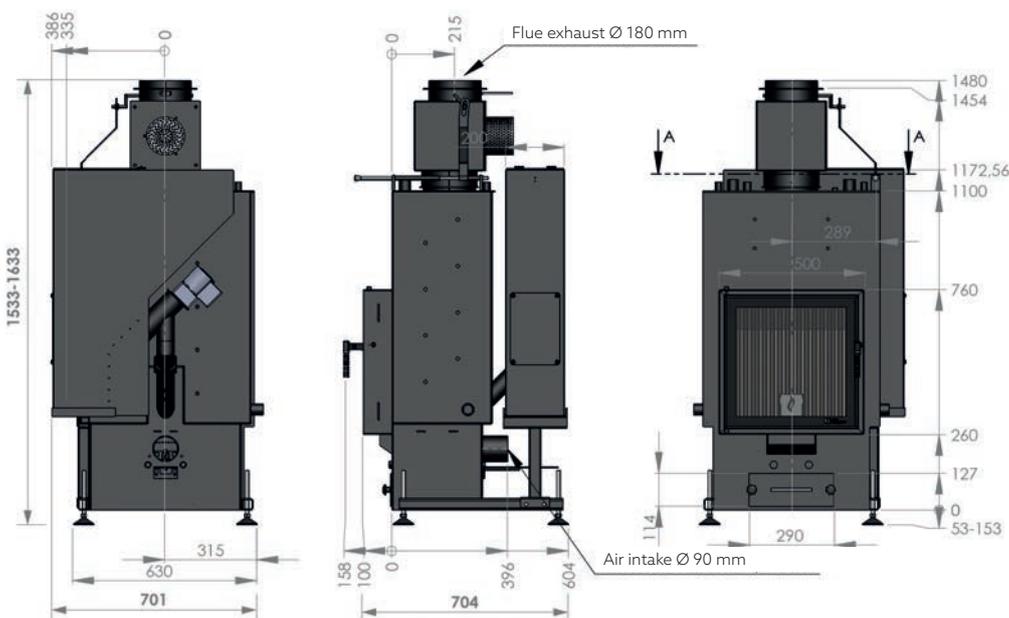
**Twin GLASS**  
in standard



Integrated cooling coil

- Double fuel
- Automatic firing up of wood
- Automatic firing up of pellet
- Automatic switch from pellet to wood
- Closed combustion chamber
- Active clean glass system
- Double furnace cleaning system
- System Connect Wi-Fi

**Dimensions:**



**Equipment options:**

- Cover frame/blende  
cat.-no. MAS+AQ02
- Grill  
cat.-no. GRIL+AQ02
- System CONNECT WIFI  
cat.-no. WIFI01
- Enlarged pellet tank:  
100 kg - cat.-no. T100  
200 kg - cat.-no. T200  
400 kg - cat.-no. T400
- Pneumatic transport system  
cat.-no. POD02
- 3x Triple GLASS**  
cat.-no. AQ03

Power range:

## 6-10 kW

The surface of the heated building:  
**up to 170 sq m**  
 depending on the building's thermal insulation

**Twin GLASS**  
 in standard

Standard left- or right-side tank: **45 kg or 30 kg**

Manual ash removal **every 4 weeks required**



Hot air distribution turbine operation control



A STONE CASING  
 MANUFACTURED BY

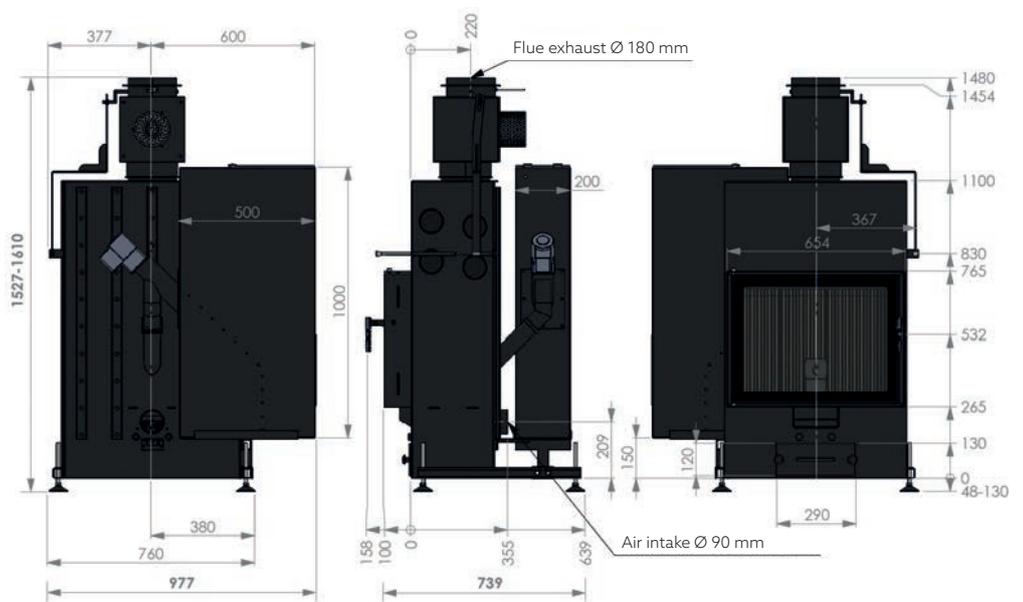


- Double fuel
- Automatic firing up of wood
- Automatic firing up of pellet
- Automatic switch from pellet to wood
- Closed combustion chamber
- Active clean glass system
- Double furnace cleaning system
- System Connect Wi-Fi
- Operates without power supply

### Equipment options:



### Dimensions:





Twin  
**GLASS**  
in standard

Power range:  
**6-15 kW**

The surface of the heated building:  
**up to 200 sq m**  
depending on the building's thermal insulation

Standard left- or right-side tank: **45 kg or 30 kg**

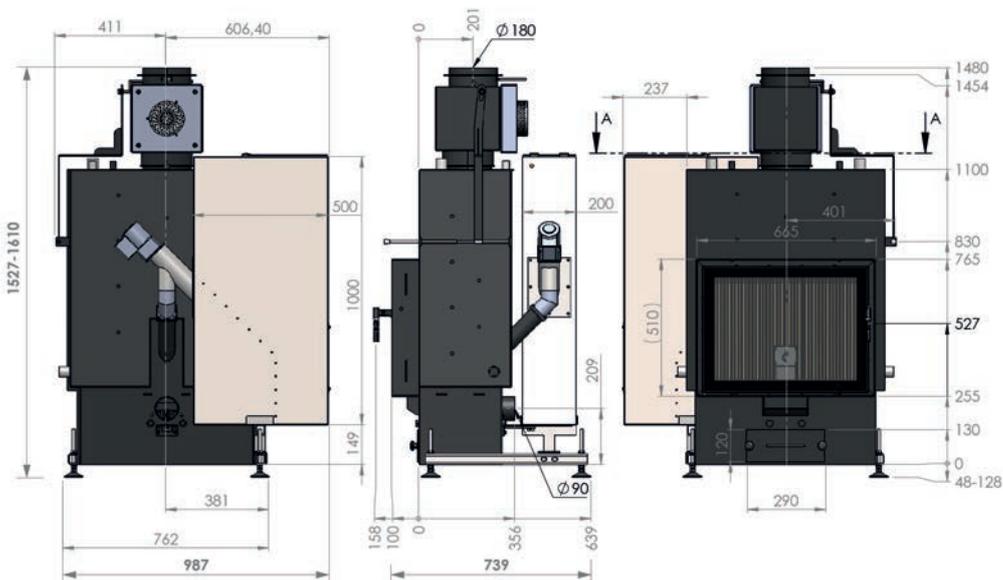
Manual ash removal  
**every 4 weeks required**



Integrated cooling coil

- Double fuel
- Automatic firing up of wood
- Automatic firing up of pellet
- Automatic switch from pellet to wood
- Closed combustion chamber
- Active clean glass system
- Double furnace cleaning system
- System Connect Wi-Fi

**Dimensions:**



**Equipment options:**

- Cover frame/blende  
cat.-no. MAS+LQ02
- Grill  
cat.-no. GRIL+LQ02
- System  
CONNECT WIFI  
cat.-no. WIFI01
- Reduced pellet tank: 30 kg  
cat.-no. LQ0230
- Enlarged pellet tank:  
100 kg - cat.-no. T100  
200 kg - cat.-no. T200  
400 kg - cat.-no. T400
- Pneumatic transport system  
cat.-no. POD02
- 3x Triple GLASS**  
cat.-no. LQ03

# LOUIS PANORAMA AIR

The air PELLET AND WOOD fireplace with automatic firing up and fuel dosing system.  
 Catalogue No. LPA0245



Power range:  
**6-10 kW**

The surface of the heated building:  
**up to 170 sq m**  
 depending on the building's thermal insulation

Standard left- or right-side tank: **45 kg or 30 kg**

Manual ash removal **every 4 weeks required**

Twin **GLASS** in standard



Hot air distribution turbine operation control



- Double fuel
- Automatic firing up of wood
- Automatic firing up of pellet
- Automatic switch from pellet to wood
- Closed combustion chamber
- Active clean glass system
- Double furnace cleaning system
- System Connect Wi-Fi
- Operates without power supply

## Equipment options:



Cover frame/blende  
 cat.-no. MAS+LPA02



Grill  
 cat.-no. GRIL+LPA02



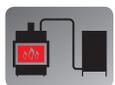
System CONNECT WIFI  
 cat.-no. WIFI01



Reduced pellet tank: 30 kg  
 cat.-no. LPA0230

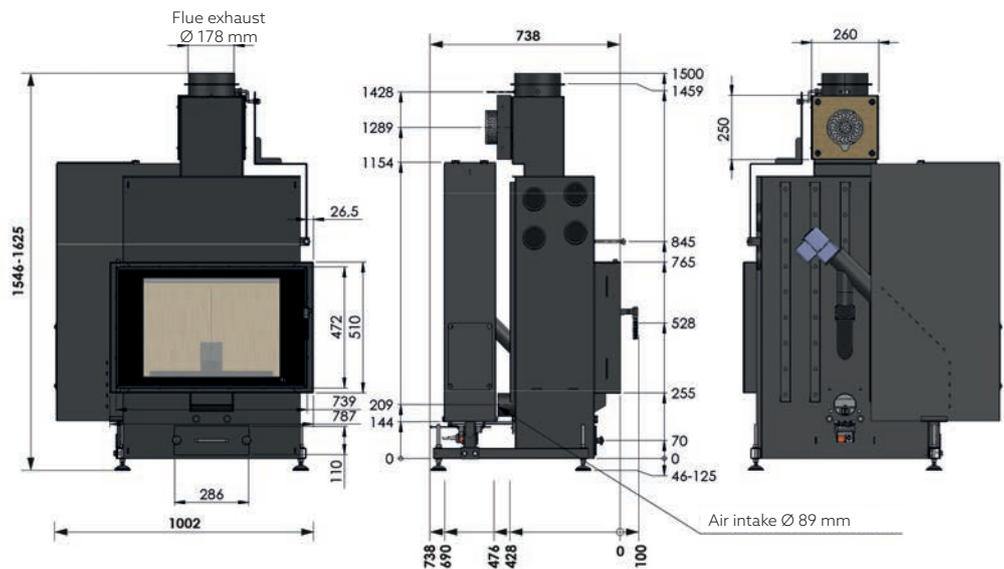


Enlarged pellet tank:  
 100 kg - cat.-no. T100  
 200 kg - cat.-no. T200  
 400 kg - cat.-no. T400



Pneumatic transport system  
 cat.-no. POD02

## Dimensions:





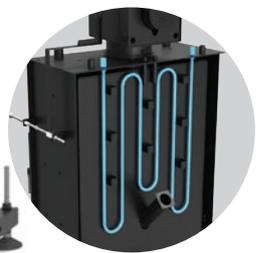
Twin  
**GLASS**  
in standard

Power range:  
**6-15 kW**

The surface of the heated building:  
**up to 200 sq m**  
depending on the building's thermal insulation

Standard left- or right-side tank: **45 kg or 30 kg**

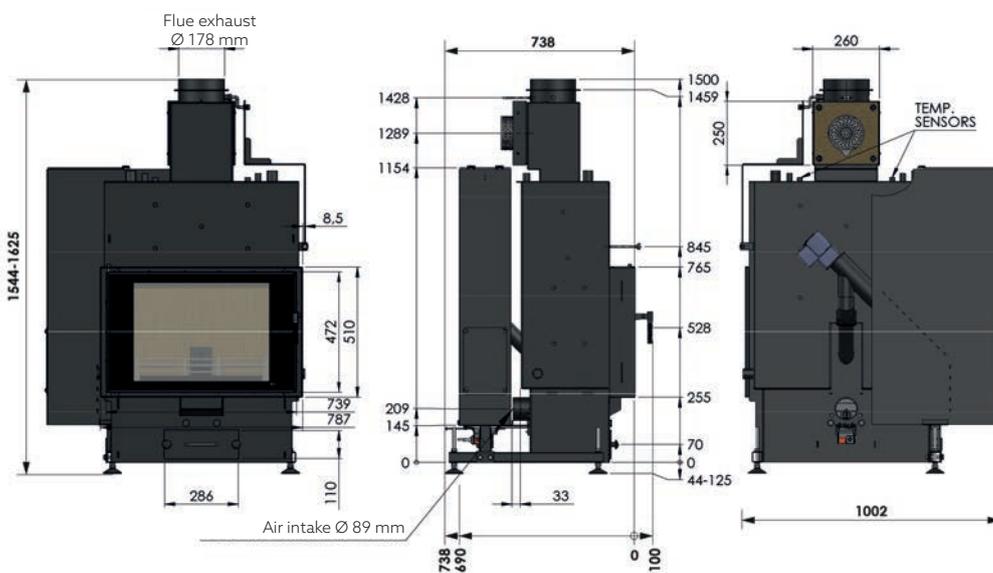
Manual ash removal **every 4 weeks required**



Integrated cooling coil

- Double fuel
- Automatic firing up of wood
- Automatic firing up of pellet
- Automatic switch from pellet to wood
- Closed combustion chamber
- Active clean glass system
- Double furnace cleaning system
- System Connect Wi-Fi

**Dimensions:**



**Equipment options:**

- Cover frame/blade  
cat.-no. MAS+LPQ02
- Grill  
cat.-no. GRIL+LPQ02
- System CONNECT WIFI  
cat.-no. WIFI01
- Reduced pellet tank: 30 kg  
cat.-no. LPQ230
- Enlarged pellet tank:  
100 kg - cat.-no. T100  
200 kg - cat.-no. T200  
400 kg - cat.-no. T400
- Pneumatic transport system  
cat.-no. POD02
- 3x Triple GLASS**  
Triple glass  
cat.-no. LPQ03

# LOUIS CORNER LEFT **AIR**

The air PELLET AND WOOD fireplace with automatic firing up and fuel dosing system.  
 Catalogue No. LCLA0230



Power range:  
**6-10 kW**

The surface of the heated building:  
**up to 170 sq m**  
 depending on the building's thermal insulation

Standard left- or right-side tank:  
**30 kg or 45 kg**

Manual ash removal  
**every 4 weeks required**



Twin  
**GLASS**  
 in standard



Hot air distribution turbine operation control

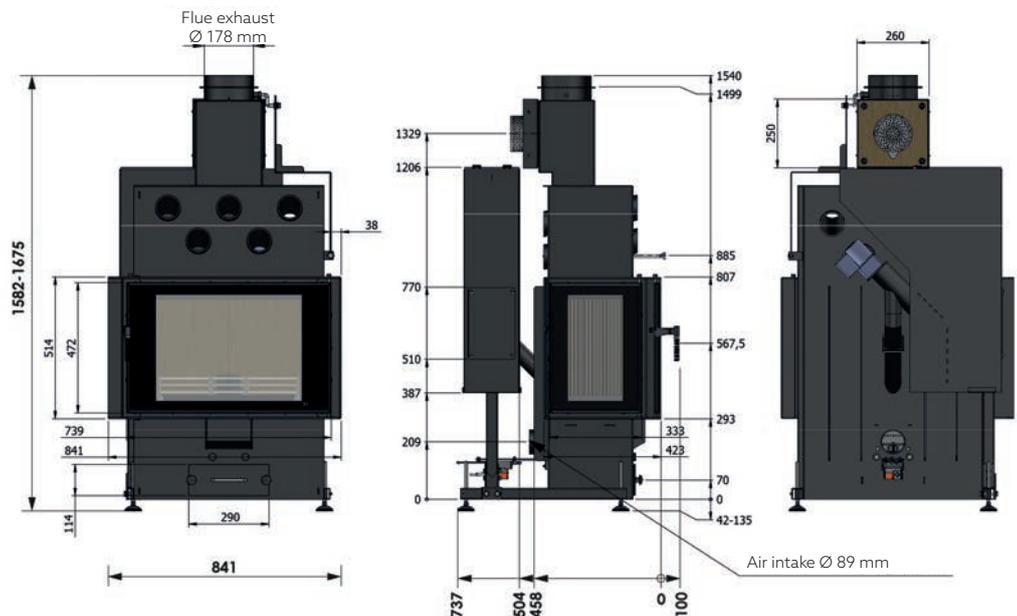
- Double fuel
- Automatic firing up of wood
- Automatic firing up of pellet
- Automatic switch from pellet to wood
- Closed combustion chamber
- Active clean glass system
- Double furnace cleaning system
- System Connect Wi-Fi
- Operates without power supply



## Equipment options:



## Dimensions:



# LOUIS CORNER RIGHT AIR

The air PELLET AND WOOD fireplace with automatic firing up and fuel dosing system.

Catalogue No. LCRA0230



Twin  
**GLASS**  
in standard



Power range:  
**6-10 kW**

The surface of the heated building:  
**up to 170 sq m**  
depending on the building's thermal insulation

Standard left- or right-side tank: **30 kg or 45 kg**

Manual ash removal  
**every 4 weeks required**



Hot air distribution turbine operation control



Double fuel



Automatic firing up of wood



Automatic firing up of pellet



Automatic switch from pellet to wood



Closed combustion chamber



Active clean glass system



Double furnace cleaning system

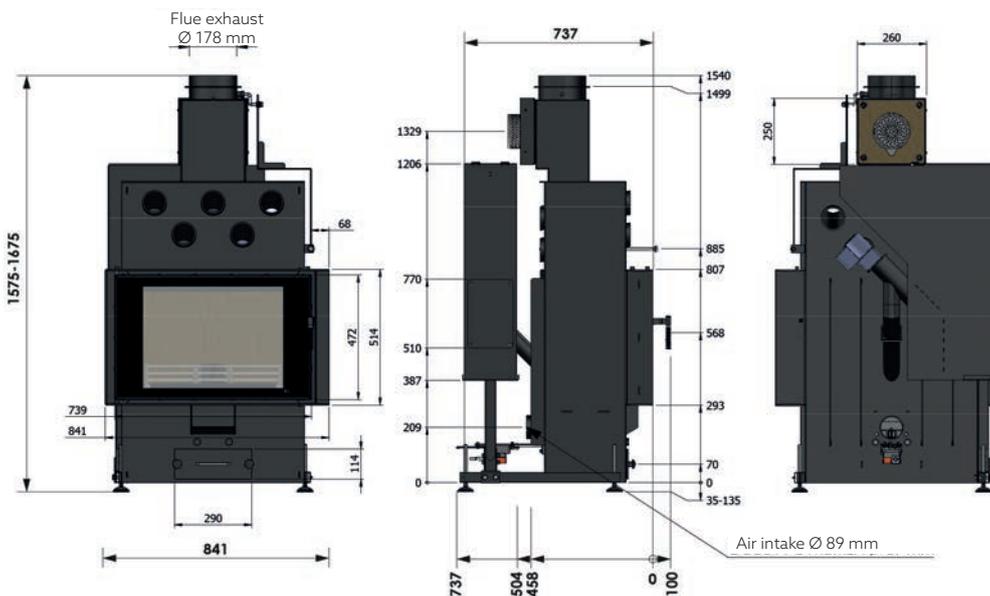


System Connect Wi-Fi



Operates without power supply

## Dimensions:



## Equipment options:



Cover frame/blende  
cat.-no. MAS+LCRA02



Grill  
cat.-no. GRIL+LCRA02



System CONNECT WIFI  
cat.-no. WIFI01



Enlarged pellet tank: 45 kg  
cat.-no. LCRA0245



Enlarged pellet tank:  
100 kg - cat.-no. T100  
200 kg - cat.-no. T200  
400 kg - cat.-no. T400



Pneumatic transport system  
cat.-no. POD02

# LOUIS GRAND AIR

The air PELLET AND WOOD fireplace with water jacket and automatic firing up and fuel dosing system.  
 Catalogue No. LGA0230



Power range:

## 6-10 kW

The surface of the heated building:  
**up to 170 sq m**  
 depending on the building's thermal insulation

Twin  
**GLASS**  
 in standard

Standard left- or right-side tank: **30 kg or 45 kg**

Manual ash removal  
**every 4 weeks required**



Hot air distribution turbine operation control

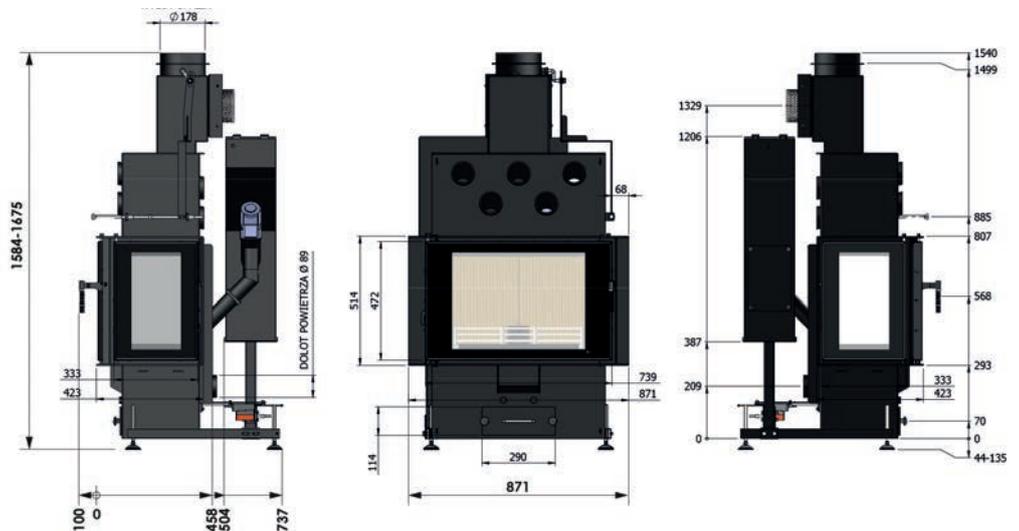


- Double fuel
- Automatic firing up of wood
- Automatic firing up of pellet
- Automatic switch from pellet to wood
- Closed combustion chamber
- Active clean glass system
- Double furnace cleaning system
- System Connect Wi-Fi
- Operates without power supply

### Equipment options:



### Dimensions:



# ENLARGED PELLET TANK



**100 kg ~7 days**

415 x 415 x 1502 mm  
cat.-no. T100



**200 kg ~14 days**

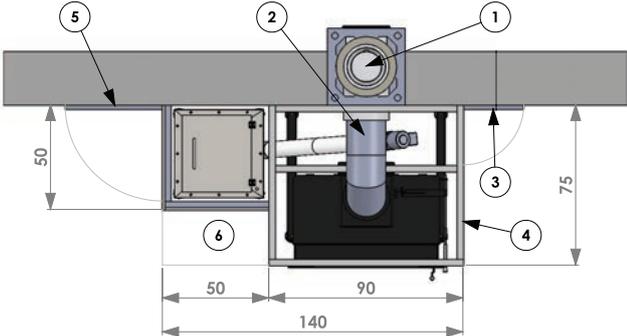
615 x 615 x 1502 mm  
cat.-no. T200



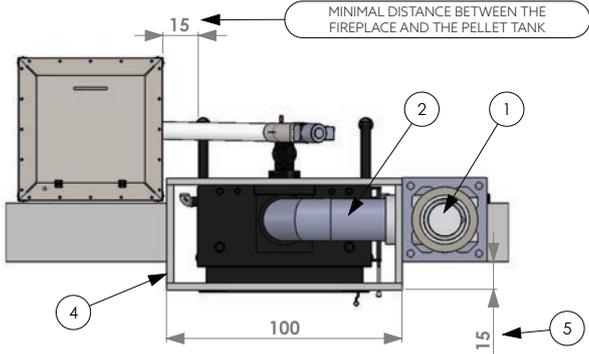
**400 kg ~28 days**

947 x 947 x 1502 mm  
cat.-no. T400

LOUIS fireplace with a **100 kg** optional tank



LOUIS fireplace with a **200 kg** optional tank with access from the utility room



Exemplary installation with a tank beside the fireplace



Exemplary installation with a tank in the room behind the fireplace

# PNEUMATIC PELLET TRANSPORT SYSTEM TO FIREPLACE

cat.-no. **POD02**

The pneumatic pellet feeding system is totally automatic and allows gradual pellet dosing in the appliance tank. Moreover, pellet is kept away from the boiler or fireplace in amounts which are subject to change according to the available storage space.

## EASY TO USE

There is no need to check power supply of the fuel tank because the system is totally automatic. During the initial start-up of the system, set the control panel and check the amount of fuel, which is supplied during each cycle through the transparent dispenser.

## QUITE AND RELIABLE OPERATION

The system is designed for installation in residential buildings therefore the pellet suction pump in our system is installed outside the residential part, e.g. in a garage. In such a case noise of the working system is minimised.

## UNIVERSAL INSTALLATION

The system is suitable for every type of a pellet fireplace, boiler, stove or burner, regardless of the fact if they are already installed or newly installed.

## Suction pump:

Installed in a garage or utility room.



## Dispenser

Placed in the tank immediately by the fireplace.



## Controller

Controls the pellet transport process fully automatically.

max. distance: 10 metres



Tank of material **2400-7600 kg**

cat.-no.	capacity (kg)	height (mm)	width (mm)	depth (mm)
PODS200	<b>2400-3400</b>	2000-2500	2000	2000
PODS250	<b>4000-5500</b>	2000-2500	2500	2500
PODS300	<b>5200-7600</b>	2000-2500	3000	3000



Tank of material **1400 kg**

cat.-no.	capacity (kg)	height (mm)	width (mm)	depth (mm)
PODS120	<b>1400</b>	2340	1200	1200



Tank of stainless steel

cat.-no.	capacity (kg)	height (mm)	width (mm)	depth (mm)
PODT100	<b>100</b>	1502	415	415
PODT200	<b>200</b>	1502	615	615
PODT400	<b>400</b>	1502	947	947

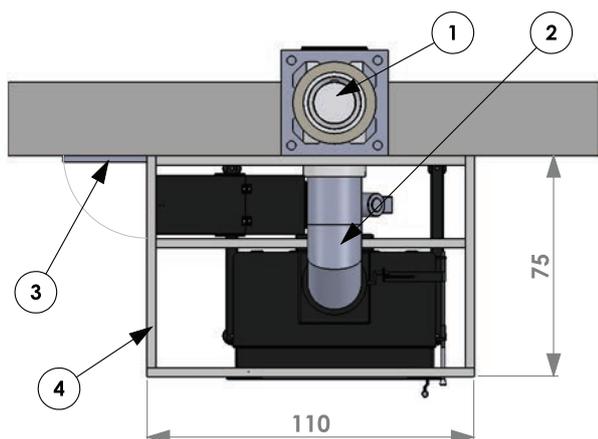


## Tray

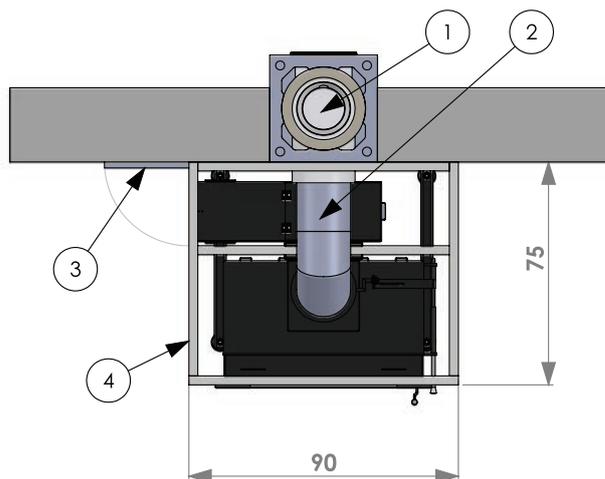
The automatic, mechanical pellet suction flange which prevents pellet blocking when sucking.

# EXEMPLARY DIMENSIONS OF FIREPLACES WITH TANK AND HOUSING MADE OF FIREPLACE INSULATION PLATES

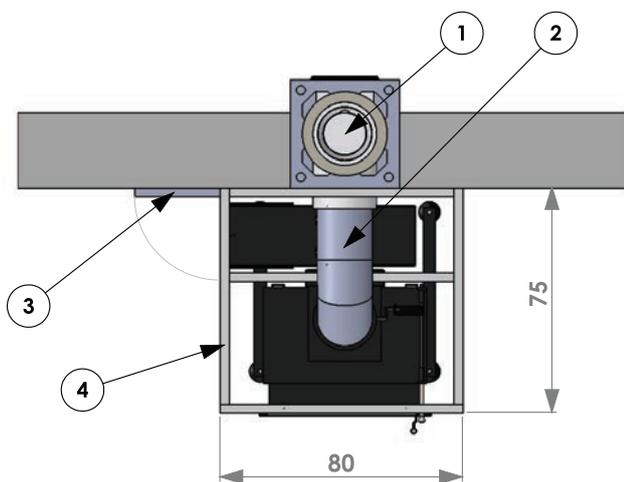
LOUIS fireplace  
with standard tank **45kg**



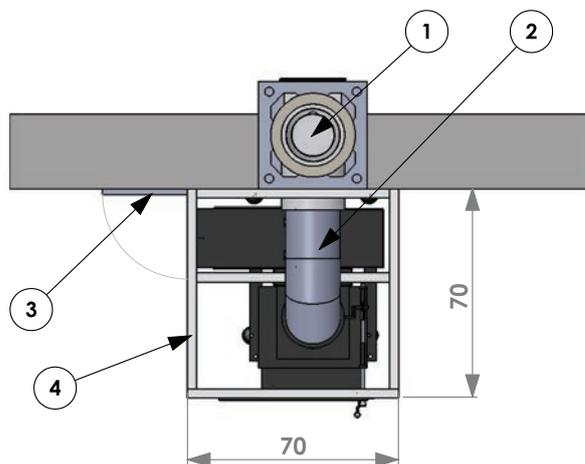
LOUIS fireplace  
with standard tank **30 kg**



ALEX fireplace  
with standard tank **30 kg**



FELIX fireplace  
with standard tank **30 kg**



- 1 - Ceramic chimney  $\varnothing$  180 mm
- 2 - Tight fireplace connection
- 3 - Tank access door, height: 170 cm, width: 25 cm
- 4 - Fireplace housing made of SKAMOTEC 225 plates



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