IWONA PELLETS

PELLET AND WOOD HYBRID FIREPLACES

SERIES

MAX

THE MOST IMPORTANT **AWARDS**

Silver award at the BOIS ENERGIE fair in Grenoble 2018.

Gold medal of the BUDMA/FIREPLACE fairs in Poznan 2016 and 2017 - consumers' choice.

Gold medal at the INTERBUD fair in Lodz 2017.

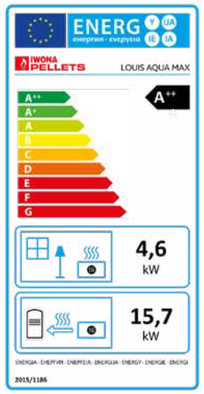
The Company of the Year - Flame Trade and Services 2018, the award of The World of Fireplaces Magazine.

The Green Flame 2015, the award of The World of Fireplaces Magazine.

The Gold Flame, product of the year 2014, the award of The World of Fireplaces Magazine

Nomination in the Company of the Year 2020 category awarded by The World of Fireplaces Magazine.

ECODESIGN / EKOPROJEKT certificate, authorizing to install devices throughout Europe and to obtain funding in selected funding programs.



The MAX series heaters have a high energy class A ++, which means that they are economical and consume little electricity.

The products meet the requirements of the so-called "New Approach" directive of the European Union (EU).

Designs of devices manufactured by our company are created in 3D CAD SolidWorks technology.

ADVANTAGES OF **IWONA PELLETS** FIREPLACES

AUTOMATIC FURNACE CLEANING

We were the first to use in our fireplaces our patented furnace cleaning mechanism, allowing for the limit of the opening of the door in the fireplace to once a month. The furnace is constantly kept clean, automatically cleaning itself at a specified time.

BUILT-IN ROOM THERMOSTAT

The fireplace as standard is equipped with a room temperature sensor and the entire work of the fireplace is focused on maintaining the desired temperature in the room. The controller can be equipped with an additional temperature sensor that can be placed anywhere.

AUTOMATIC IGNITION AND EXTINCTION

Both pellets and wood start burning automatically within 5 minutes. The intelligent controller causes the flame to become extinct after exceeding the preset room temperature, and automatically re-start burning when the temperature is lowered.

AUTOMATIC CHANGEOVER FROM WOOD TO PELLETS

Fireplaces have a sensational function of automatic switching to pellets after burning the wood.

CLOSED COMBUSTION CHAMBER

As the few fireplaces on the market, IWONA PELLETS have a closed combustion chamber. Thanks to this, they can be used in buildings where air recuperation is installed. IWONA PELLETS fireplaces take 100% of the air needed for combustion from outside the building.

Most fireplaces available on the market have air intake from outside the building, but do not have a closed combustion chamber. In this case, most of the combustion air is taken from the room anyway.

WEEKLY PROGRAMMER

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

AUTOMATIC COMBUSTION AIR INTAKE THROTTLE

No more manual control of the combustion process in your fireplace! As standard, the fireplace is equipped with an automatic combustion air intake throttle, allowing for automatic adjustment of the wood combustion process.

AUTOMATIC 3-GENERATION FUZZY LOGIC POWER MODULATION

Fireplaces have automatic power modulation. This means that when the room is heated up, the power of the fireplace is reduced to maintain this temperature optimally.

ACTIVE CLEAN GLASS SYSTEM

In cooperation with a closed combustion chamber, the fireplaces are equipped with special hot air ducts creating a unique air curtain at the glass, protecting them against dirt. Fireplace glasses are clean for many days.

EFFICIENCY OVER 90%

All our fireplaces have an efficiency of over 90%, which means that they are very economical and use little pellets and wood.

USED FUELS:

PELLET

BRIQUETTE

WOOD

ADDITIONAL OPTIONS:

NOVELTY! TINTED GLASS.

Systems limiting heat dissipation through the glass:

ACCESSORIES:

Masking frame/Blenda.
Finishing around the fireplace door.

Glass protective grill.

CONNECT-WIFI system.
Internet control.

LOUIS **AQUA MAX 20 KW**

Power range:

10-20 kW

A++

Area of the heated building: **up to 250 m²** depending on the thermal insulation of the building.

Container: **45 kg or 30 kg, left or right.**

Manual ash removal every **4 weeks required.**

Built-in cooling coil.

Equipment options:

Blenda masking frame cat. No.: MAS+LQM02

Grill cat. No.: GRIL+LQM02

CONNECT WIFI system cat. No.: WIFI01

Reduced pellet container 30 kg cat. No.: LQM230

Enlarged pellet container:

100 kg - cat. No.: T100
200 kg - cat. No.: T200
300 kg - cat. No.: T300
400 kg - cat. No.: T400

Pneumatic transport system cat. No.: POD02

Triple glass cat. No.: LQM03

Tinted glass SCHOTT ROBAX® | *NightView*

Heater with a water jacket for pellets and wood with an automatic ignition and fuel dosing system.

Cat. No: LQM0245

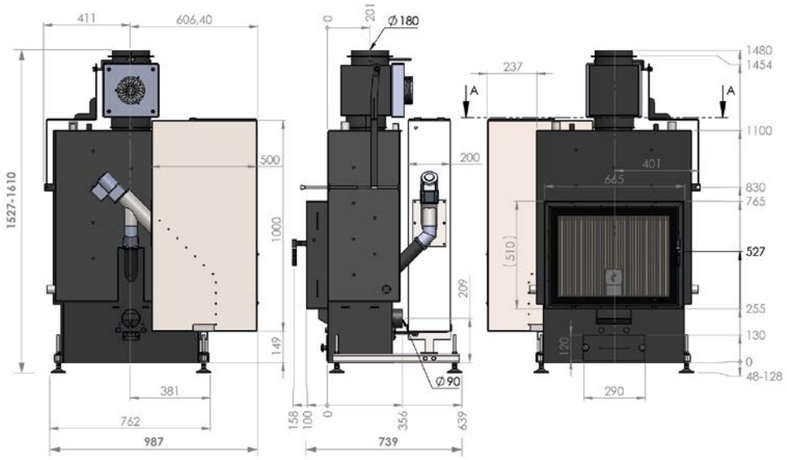
Dust emission below < 20 mg/m³

- Double fuel
- Automatic fuel change
- Double furnace cleaning system
- Automatic wood ignition
- Closed combustion chamber
- Connect Wi-Fi system
- Automatic pellet ignition
- Active clean glass system

INNOVATIVE HEAT EXCHANGER

EFFICIENCY OVER 91%

Dimensions:



LOUIS PANORAMA **AQUA MAX 20 KW**

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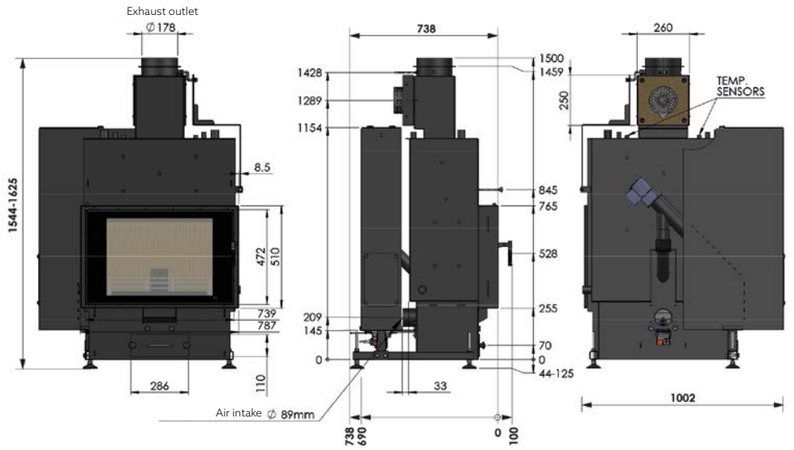

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Grill cat. No.: GRIL+LPQM02

CONNECT WIFI system cat. No.: WIFI01

Reduced pellet container 30 kg cat. No.: LPQM230

Enlarged pellet container:

100 kg - cat. No.: T100
200 kg - cat. No.: T200
300 kg - cat. No.: T300
400 kg - cat. No.: T400

Pneumatic transport system cat. No.: POD02

Triple glass cat. No.: LPQM03

Tinted glass SCHOTT ROBAX® | *NightView*

ENLARGED PELLET CONTAINERS

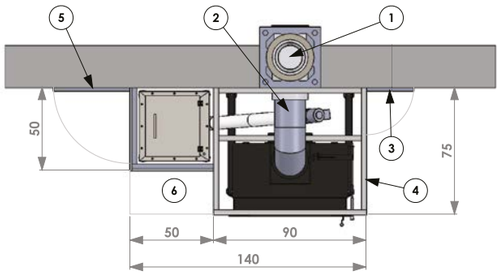
100 KG ~7 DAYS
415 x 415 x 1502 mm
cat. no.: T100

200 KG ~14 DAYS
615 x 615 x 1502 mm
cat. no.: T200

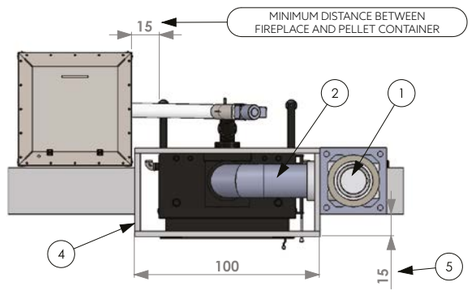
300 KG ~21 DAYS
770 x 770 x 1502 mm
cat. no.: T300

400 KG ~28 DAYS
947 x 947 x 1502 mm
cat. no.: T400

LOUIS fireplace with an optional **100 kg** container



LOUIS fireplace with an optional **200 kg** container with access from the utility room



An exemplary implementation with a container next to the fireplace

An exemplary implementation with a container in the room behind the fireplace

SYSTEM OF PNEUMATIC TRANSPORT OF PELLETS TO THE FIREPLACE

cat. No.: POD02

The pneumatic pellet feeding system is fully automatic and allows for gradual dosing of pellets in the device's container. In addition, pellets are stored away from the boiler or fireplace, with amounts that vary according to the storage space available. **To install the pneumatic system, it is necessary to install a pellet container of 100 kg or larger directly next to the fireplace.**

EASY TO USE

There is no need to check the fuel container supply as the system is fully automatic. When starting the system for the first time, set the control panel and check the amount of fuel that is loaded through the transparent dispenser during each cycle.

QUIET AND RELIABLE OPERATION

The system has been designed for installations in residential buildings, therefore in our system the pump that sucks the pellets is installed outside the living area, e.g. in the garage. The noise of the running system in this case is reduced to a minimum.

UNIVERSAL INSTALLATION

The system is suitable for any type of pellet fireplace, boiler, stove or burner, whether already or newly installed.

DISPENSER
It is placed in the container directly next to the fireplace.

SUCTION PUMP
It is installed in a garage or utility room.

CONTROLLER
It fully automatically controls the pellet transport process.

max. distance: 10 meters

Material containers **2400-7600 kg**

cat. No.	Cap. in (kg)	height (mm)	width (mm)	depth (mm)
PODS200	**2400-3400**	2000-2500	2000	2000
PODS250	**4000-5500**	2000-2500	2500	2500
PODS300	**5200-7600**	2000-2500	3000	3000

Material containers **1400 kg**

cat. No.	Cap. in (kg)	height (mm)	width (mm)	depth (mm)
PODS120	**1400**	2340	1200	1200

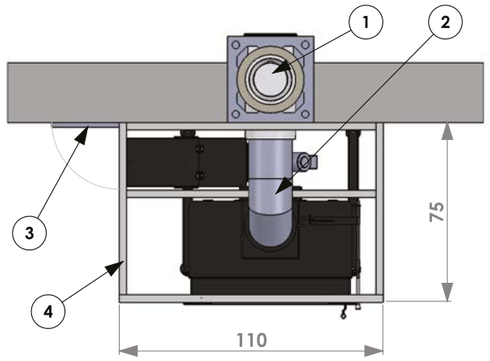
Stainless steel containers

cat. No.	Cap. in (kg)	height (mm)	width (mm)	depth (mm)
PODT100	**100**	1502	415	415
PODT200	**200**	1502	615	615
PODT300	**300**	1502	770	770
PODT400	**400**	1502	947	947

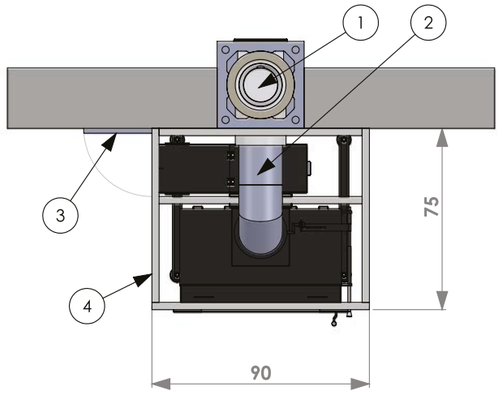
FEEDER
The automatic, mechanical pellet suction flange that prevents the pellets from blocking during suction.

EXAMPLARY DIMENSIONS OF FIREPLACES WITH A CONTAINER AFTER CONSTRUCTION OF A CASING FROM INSULATING FIREPLACE PANELS

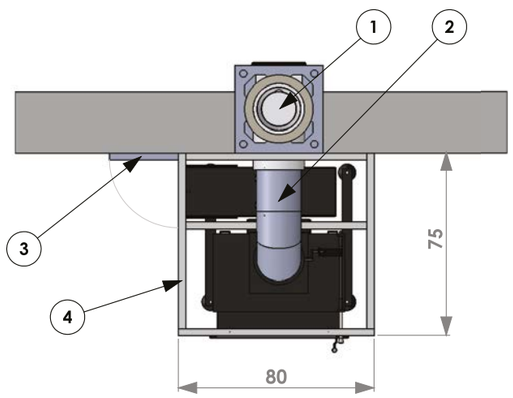
LOUIS fireplace with
standard **45 kg** container



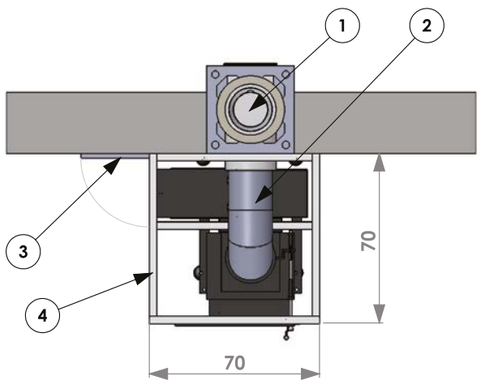
LOUIS fireplace with
standard **30 kg** container



ALEX fireplace
with standard **30 kg** container

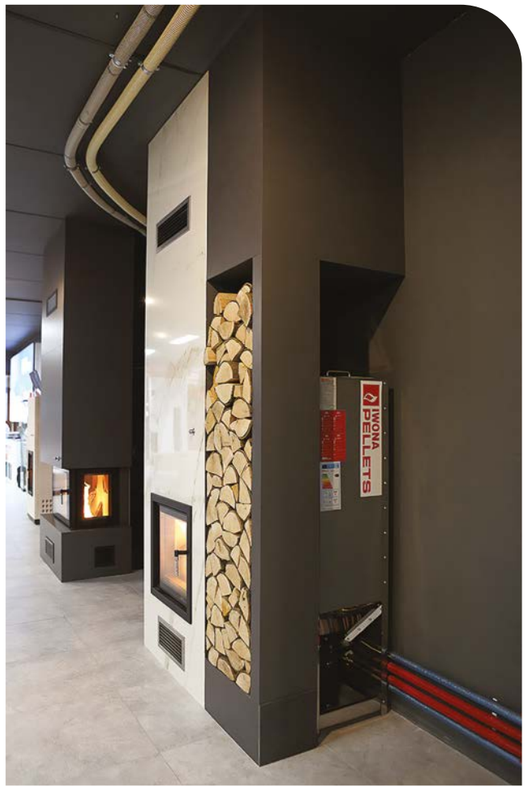


FELIX fireplace with
standard **30 kg** container



1 - Ceramic chimney Ø 180 mm
2 - Tight fireplace connection
3 - Access door to the container, height: 170 cm, width: 25 cm
4 - Fireplace enclosure made of SKAMOTEC 225 panels

EXEMPLARY PROJECTS

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MANUFACTURER OF HYBRID FIREPLACES
www.iwonapellets.com