



Chimney systems

———— Ceramic chimneys



Made in Poland

Modern chimneys and ventilation

Safety and energy efficiency in chimney technology

Dear Customers!

JAWAR is a manufacturer of chimneys and ventilation systems with 30-year experience. Our products are distinguished by their safety of use and the possibility of effective heat recovery. JAWAR is among the leading chimney manufacturers, constantly introducing innovations, keeping pace with the modern technologies and market needs.

In two production facilities located in central Poland, we manufacture hundreds of kilometers of new chimneys every year. Our product range involves the widest on the Polish market choice of block chimney systems with isostatic ceramics and perlite blocks, ventilation chimneys, as well as stainless steel chimneys and chimney liners. The long experience of the company, connected with innovation, guarantee our customers satisfaction of their purchase.

JAWAR, as one of the few companies in Europe, introduced production of the most modern chimney pipes, manufactured in the technology of isostatic pressing. Chimneys equipped with these pipes are distinguished by easy and fast installation, high resistance to acids, high temperatures and mechanical load.

As the first chimney producer in Europe, JAWAR has introduced chimney and ventilation blocks made of expanded perlite. Using this innovative material in the chimney technology leads to better insulation of chimney, increases the safety of operation and significantly shortens the time of chimney installation.

Our product range is distinguished by the presence of chimney and ventilation systems with heat recovery. We take care of the environment and help our customers save money! This solution is applied to the block chimneys JAWAR NORD, to the stainless steel chimneys JAWAR AERO and ventilation system JAWAR ATMO.

We have our own R&D department. Our team of engineers is constantly working on improving the products and adjusting them to the growing requirements of modern technology. JAWAR, as a socially responsible organization, is investing in solutions that lead to improving the air quality, for the sake of us all.

CEO

dr Paweł Jarzyński

Jawar sp z o.o.

Headquarters

CIECHANÓW

ul. Sońska 89
06-400 Ciechanów
Poland



**Perlite and blocks
Production facility**

GLINOJECK




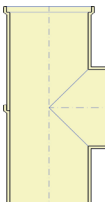
Zygmuntowo 1c
06-450 Gliniojeck
Poland



Isostatic ceramics with TÜV SÜD certificate



JAWAR is the only Polish producer of ceramic chimney pipes manufactured according to the modern isostatic pressing technology. JAWAR ceramics is superior to traditional thick chimney ceramics. The products are marked according to the standards EN 1457-1:2012, EN 1457-2:2012.

Pipes JR	Diameter [mm]	Hight [mm]	Tee JT	Diameter [mm]	Hight [mm]
	ø 80 ø 120 ø 140 ø 160 ø 180 ø 200	660		ø 80 ø 120 ø 140 ø 160 ø 180 ø 200 ø 250/200	330
	ø 250	330		ø 250	660

*dimension tolerance according to EN 1457

ADVANTAGES OF ISOSTATIC CERAMICS OVER TRADITIONAL CERAMICS

PROPERTIES	TRADITIONAL CERAMICS	JAWAR ISOSTATIC CERAMICS
Resistance to thermal shock	✗	✓
Resistance to sootfire	✓	✓
Low water absorption	✗	✓
Resistance to corrosion	✓	✓
Low heat capacity	✗	✓
Dry and wet operation (dry and wet gases)	✗	✓
High gas-tightness of muff connections	✗	✓
Corrugated outer surface of pipes for better heat exchange and easier pipe cutting	✗	✓
Tee as a monolith element, in the range of diameters 8-20 cm	✗	✓

Ceramic chimney cone and locking plug

NEW!

- Acid-resistant
- Waterproof
- Freeze resistant



Decoration elements

Ceramic cones in colors (JSC)



chimney cone
black



chimney cone
cherry



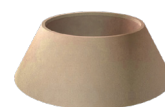
chimney cone
bronze



chimney cone
brick

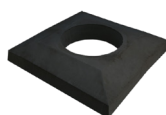


chimney cone
grey

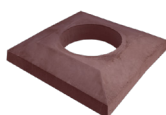


chimney cone
standard

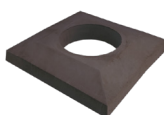
Cover plates in colors (CPL)



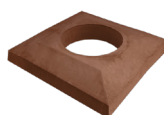
cover plate
black



cover plate
cherry



cover plate
bronze

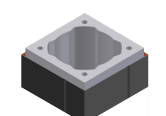


cover plate
brick

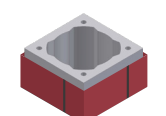


cover plate
standard

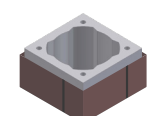
Chimney decors (JDM)



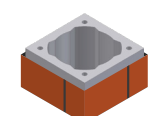
chimney decor
black



chimney decor
cherry



chimney decor
bronze



chimney decor
brick

Powder painted insulated chimney door (JDWI)



chimney door
black



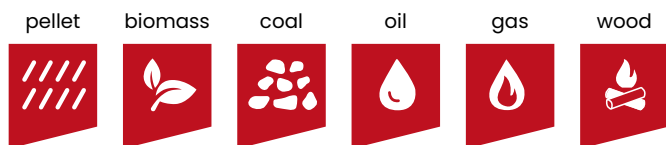
chimney door
white



chimney door
inox

Jawar Uniwersal Plus

Three-layer chimney system designed to exhaust gases from devices run on all types of fuels.



- Designed to exhaust fumes in range of temperatures 60–600°C
- **NEW:** Ceramic on full length, including inspection and cone
- Insulated on full length
- Isostatic ceramics resistant to corrosion
- Leight-weight perlite blocks
- High gas-tightness on muff connections
- Vapour diffusion resistance class WA
- Resistance to sootfire
- Chimney system CE marked according to standards:
EN 13063-1 T600 NI D 3 G50
EN 13063-2 T400 NI W 3 G00
EN 13063-3 T600 NI D 3 G50
EN 13063-2 T400 NI W 3 G00



Single channel	Diameter [mm]	Outer dimension [mm]	Weight [kg/m]	With ventilation	Diameter [mm]	Outer dimension [mm]	Weight [kg/m]
	ø 160-200	360x360x330	78-79		ø 160-200+W	500x360x330	101-102
	ø 250	480x480x330	141		ø 160-200+2W	540x360x330	118-119
	ø 160-200	680x360x330	147-150				

Set includes:



and installation package JPUPP, including:



ISOSTATIC CERAMICS

DECORATION ELEMENTS

CERAMIC CHIMNEYS

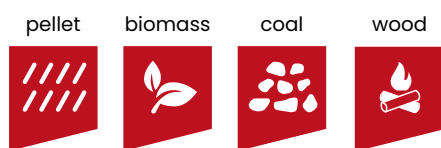
VENTILATION

PERLITE BLOCKS

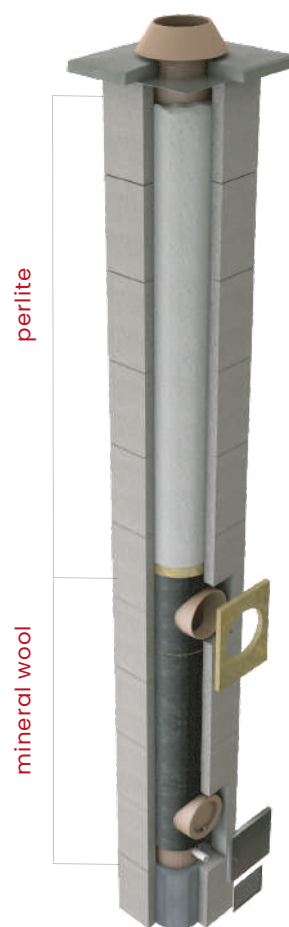
JAWAR SMOOTH

Jawar Ps Eco

Three-layer chimney system with isostatic ceramic pipes and perlite insulation.



- Designed to exhaust fumes in range of temperatures 60–600°C
- **NEW:** Ceramic on full length, including inspection and cone
- Modern perlite insulation
- Light-weight perlite blocks
- Isostatic ceramics resistant to corrosion
- High gas-tightness on muff connections
- Resistance to sootfire
- Chimney system CE marked according to standards:
EN 13063-1 T600 NI D 3 G50
EN 13063-3 T600 NI D 3 G50



Single channel	Diameter [mm]	Outer dimension [mm]	Weight [kg/m]	With ventilation	Diameter [mm]	Outer dimension [mm]	Weight [kg/m]
	ø 160–200	360x360x330	78–79		ø 160–200+W	500x360x330	101–102
	ø 160–200	680x360x330	147–150		ø 160–200+2W	540x360x330	118–119

Set includes:



and installation package JPUPP, including:



Jawar Nord Plus

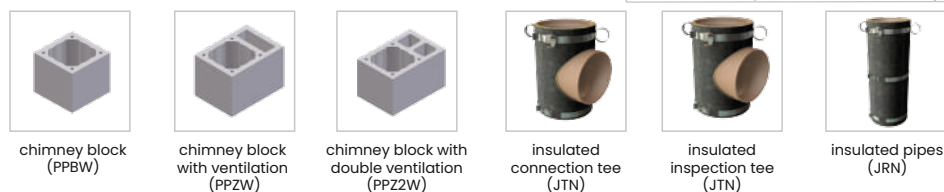
Air-gas chimney system with isostatic ceramic pipes, designed to exhaust fumes from fireplaces and stoves in energy-saving construction.



- Ceramic chimney system to exhaust fumes from fireplaces and stoves
- The first Polish chimney, which ensures the air supply for combustion in fireplaces
- Does not require to build additional air supply channel for the stove
- Designed to exhaust fumes in range of temperatures 60–600°C
- Resistant to sootfire
- Heat recovery efficiency of more than 10%
- May be built directly next to wooden construction (G00)
- Chimney system marked with the following standards:
EN 13063-1 T600 NI D 3 G50
EN 13063-1 T400 NI D 3 G00
EN 13063-2 T400 NI W3 O00
EN 13063-3 T600 NI D 3 G50
EN 13063-3 T400 NI D 3 G00
EN 13063-3 T400 NI W3 O00

Single channel	Diameter [mm]	Outer dimension [mm]	Weight [kg/m]	With ventilation	Diameter [mm]	Outer dimension [mm]	Weight [kg/m]
	ø 160-180	360x360x330	76-78		ø 160-180+W	500x360x330	99-101
	ø 200	400x400x330	89		ø 200+2W	540x400x330	104
					ø 160-180+2W	540x360x330	117-120

Set includes:

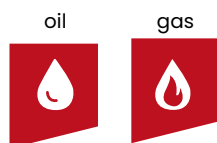


and installation package JPMN, including:



Jawar K

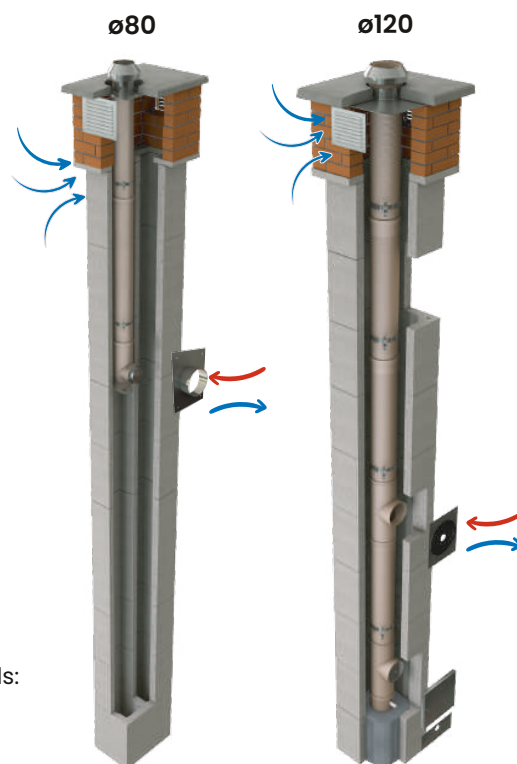
Double-layer chimney system with isostatic pipes, designed to work with condensation and low-temperature boilers.



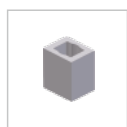
- For gas and oil boilers
- For condensation and low-temperature boilers
- Operation with devices with closed combustion chamber
- Maximum temperature of operation: 200°C
- Operation in underpressure and overpressure
- Applicable in single-apartment and multi-apartment residential houses
- Low weight and small dimensions
- **NEW:** Innovative ceramic elbow
- Chimney system marked according to the following standards:

EN 13063-2 T200 N1 W 3 O00
EN 13063-2 T200 P1 W 3 O00

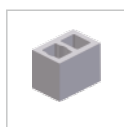
EN 13063-3 T200 N1 W 3 O00
EN 13063-3 T200 P1 W 3 O00



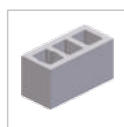
ø 80 Set includes:



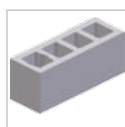
chimney block for ø80 200x240x330 (PPIW)



chimney block for ø80 with 1 ventilation channel 360x240x330 (PP2W)



chimney block for ø80 with 2 ventilation channels 520x240x330 (PP3W)



chimney block for ø80 with 3 ventilation channels 680x240x330 (PP4W)



stabilisers (JCO)



isostatic pipes (JR)



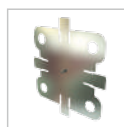
and installation package JPMJKK080, including:



ceramic elbow with adapter (JKR80)



silicone (JSK)



bottom chimney plate (WBKD)



tool for smoothing joints (JW80)



air checks 2pcs (CKW13X17)



top cone (JST80 PER)



adapter Jawar K (JAK080)

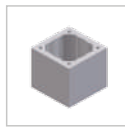


grout stencil (JSZKW)

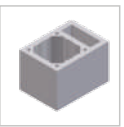


air connection (JPPK)

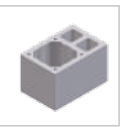
ø 120 Set includes:



chimney block 360x360x330 (PPBW)



chimney block with ventilation 500x360x330 (PPZW)



chimney block with double ventilation 540x360x330 (PP2ZW)



isostatic pipes (JR)



connection tee (JT90)



inspection tee (JT90)



stabilisers (JCO)

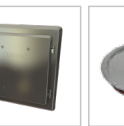
and installation package JPMJK 120, including:



condensate tray (JODS)



silicone (JSK)



inspection door (JDWK)



locking plug (JDEK12)



tool for smoothing joints (JW120)



air checks 2pcs (CKW13X17)



top cone (JST120 PER)



air-gas connection (JPPK CPP)

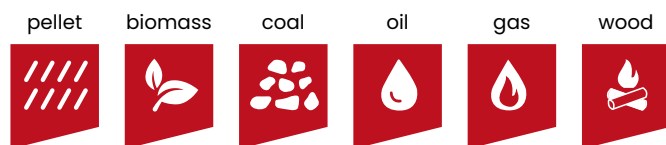


covering plate (JKP)

grout stencil (CSZABLON)

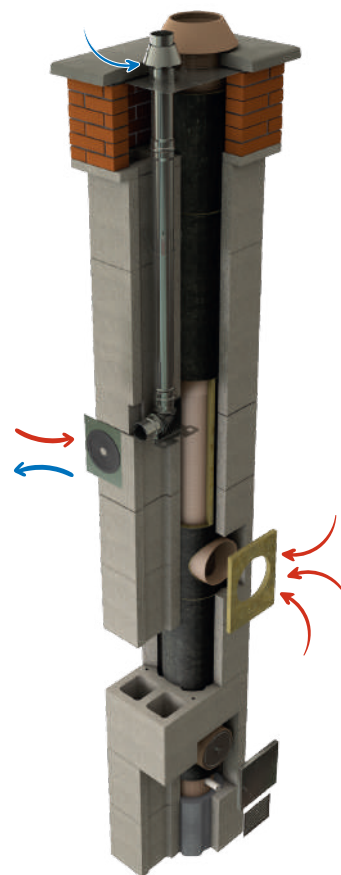
Jawar Kompakt

Ceramic and steel chimney system with a channel for removing fumes from traditional devices and with channel for condensing boilers.



Smoke channel:	Gas channel:
Temperature range 60-600°C	Temperature range 30-200°C
The ceramic part makes it possible to discharge flue gases from devices for all types of fuels.	The steel part is used to discharge flue gases from gas and oil boilers, condensing as well as Turbo.
Chimney system marked with CE according to standards: EN 13063-1 T600 N1 D3 G50 EN 13063-2 T400 N1 W3 O00 EN 13063-3 T600 N1 D3 G50 EN 13063-3 T400 N1 W3 O00	Chimney system marked with CE according to standards: EN 13063-2 T200 N1 W3 O50 EN 13063-2 T200 P1 W3 O00 EN 13063-3 T200 N1 W3 O50 EN 13063-3 T200 P1 W3 O00
Resistant to sootfire	Operation in overpressure up to 200 Pa

- Allows a wide choice of heating appliances in the boiler room
- Resistant to moisture and condensate
- Low weight and small dimensions
- Easy and fast installation



	Diameter [mm]	Outer dimensions [mm]	Weight [kg/m]
	ø 160-200+W	540x360x330	120-121

Set includes:

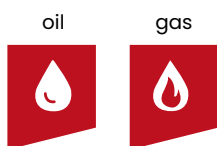


and installation package, including:

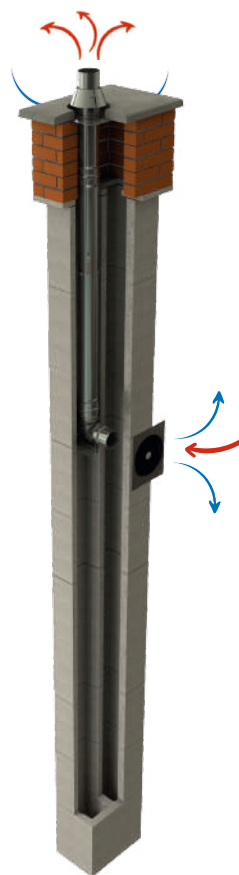


Jawar KS

Double-layer steel chimney system designed for condensing and low-temperature boilers

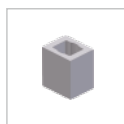


- For gas and oil boilers
 - For condensing and low temperature boilers
 - Operation with boilers with a closed combustion chamber - Maximum operation temperature 200°C
 - Operation in overpressure and underpressure
 - Low weight and small dimensions
 - For use in single-family and multi-family houses
- Chimney system marked with CE in accordance with the standard PN-EN 1856-1:2009

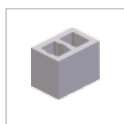


ø 8	Diameter [mm]	Outer dimensions [mm]	Weight [kg/m]	ø 8	Diameter [mm]	Outer dimensions [mm]	Weight [kg/m]
	ø 80	200x240x330	37		ø 80+2W	520x240x330	74
	ø 80+W	360x240x330	55		ø 80+3W	680x240x330	105

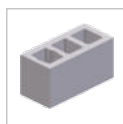
Set includes:



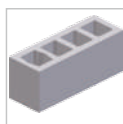
chimney block for ø80
200x240x330
(PPIW)



chimney block for ø80 with 1
ventilation channel
360x240x330
(PP2W)



chimney block for ø80 with 2
ventilation channels
520x240x330
(PP3W)



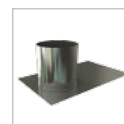
chimney block for ø80 with 3
ventilation channels
680x240x330
(PP4W)



rain flange
(JKPK080)



air connection
(JPPK CPP)



upper chimney plate
(WBKG)



stabilisers
(WS)



stainless steel
pipes with gaskets
(KR)



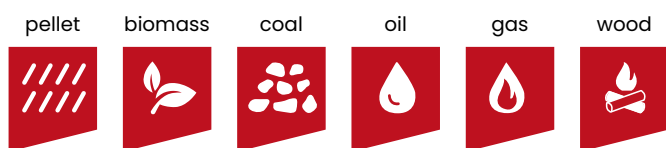
condensation
elbow with
support
(KK 90 PODP)



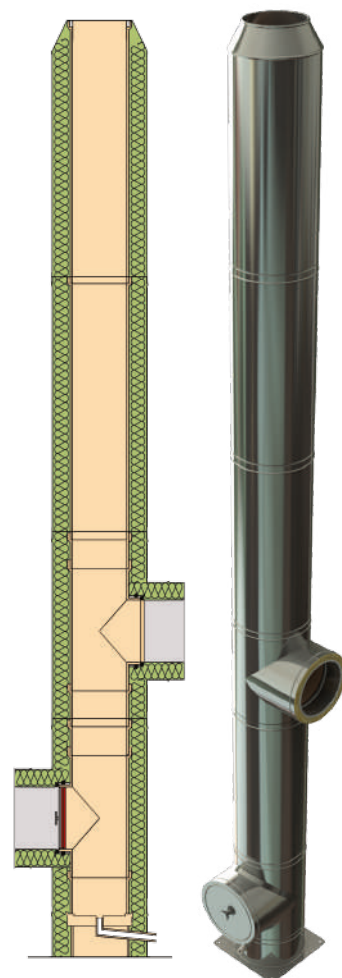
bottom chimney
plate (WBKD)

Jawar Cerastal

Ceramic-steel chimney system designed to exhaust gases from all types of heating devices.



- Designed to exhaust gases in range of temperatures 60–600°C – Insulated on full length of chimney
- Isostatic ceramics resistant to corrosion: high resistance to aggressive condensate, intended for burning coal and pellet
- High gas-tightness of muff connections
- Low weight of the chimney – possible to build on wall supports without foundation
- Easy and fast installation
- Diameter ø 120, 160, 180, 200, 250 mm
- Chimney system marked with CE according to standards:
EN13063-1T600 N1 D 3 G50
EN13063-2T400 N1 W 3 O0



Set includes:



ISOSTATIC CERAMICS

DECORATION ELEMENTS

CERAMIC CHIMNEYS

VENTILATION

PERLITE BLOCKS

JAWAR SMOOTH

Ventilation 33cm

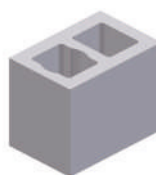
Ventilation blocks are intended for construction of natural ventilation ducts. The blocks made of perlite-concrete are extraordinary light, with special acoustic and insulation properties.

- Fire resistance class EI 120
- Very good thermal insulation and frost resistance
- Compatible with chimney blocks
- Small size of development, quick and easy installation
- High acoustic insulation
- Biological resistance prevents the growth of mold and fungi
- Round shape of the first channel, possible installation of additional media
- Chimney system marked with CE according to the standard EN 12446



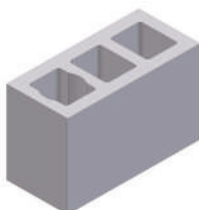
ONE-CHANNEL (PPIW)

outer dimensions:	200x240x330mm
weight:	11,25kg
inner channel:	120x160mm



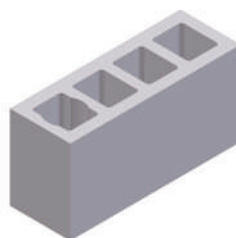
TWO-CHANNEL (PP2W)

outer dimensions:	360x240x330mm
weight:	17,25kg
inner channel:	120x160mm



THREE-CHANNEL (PP3W)

outer dimensions:	520x240x330mm
weight:	23,70kg
inner channel:	120x160mm



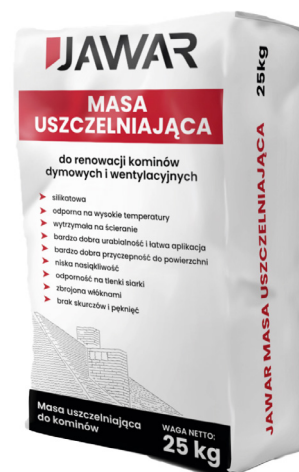
FOUR-CHANNEL (PP4W)

outer dimensions:	680x240x330mm
weight:	33,90kg
inner channel:	120x160mm

Chimney repair mass

JAWAR mass is intended to seal ventilation chimneys and smoke chimneys working in dry conditions.

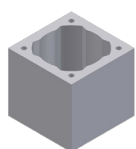
- silicate material
- resistant to high temperatures
- resistant to abrasion
- good workability and easy application
- very good adhesion to surface
- low water absorption
- resistant to sulphur oxides
- reinforced with fibers
- no shrinkage or cracking!



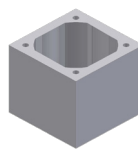
Perlite blocks

Perlite is a volcanic rock of natural origin. It is a very light material, making the weight of chimney blocks about 20–30% lower than traditional blocks. Perlite is also a highly insulative material, giving our chimney systems a much better heat transfer coefficient than traditionally used blocks.

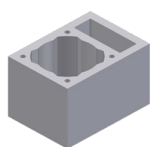
- New, better technology of production
- High thermal insulation
- Resistant to high temperatures
- Low water absorption
- Small weight
- Precise edges – the possibility of joining with glue
- Easy assembly
- Easy to plaster
- Ecological product, made of natural raw materials
- Innovative formula due to years of research and development



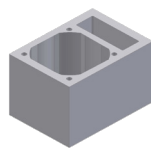
CHIMNEY BLOCK PPBW	
outer dimensions:	360X360X330mm
weight:	23 kg



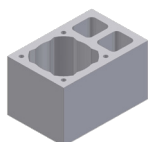
NORD CHIMNEY BLOCK PPBWN	
outer dimensions:	400X400X330mm
weight:	24 kg



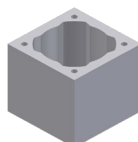
CHIMNEY BLOCK WITH VENTILATION PPZW	
outer dimensions:	500X360X330mm
weight:	30 kg



NORD CHIMNEY BLOCK WITH VENTILATION PPZWN	
outer dimensions:	540X400X330mm
weight:	28 kg



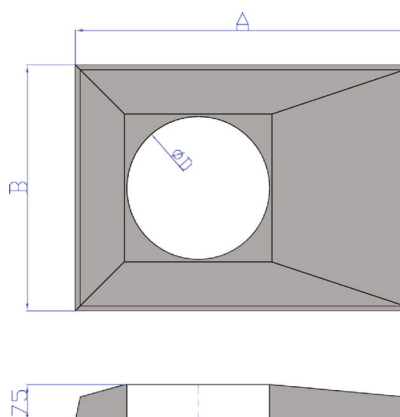
CHIMNEY BLOCK WITH DOUBLE VENTILATION PPZ2W	
outer dimensions:	540X360X330mm
weight:	35 kg



CHIMNEY BLOCK 25 PPBW25	
outer dimensions:	480X480X330mm
weight:	46 kg

Cover plates

- system solution
- quick and easy assembly
- frost resistant
- low moisture absorption
- reinforced
- allows further chimney finishing



SYMBOL DIMENSION	JPL 80 [mm]	JPL 120 [mm]	JPLW 80 [mm]	JPLW 120 [mm]	JPL2W 120 [mm]	CPL 1400/1600 [mm]	CPL 1800/2000 [mm]	CPLW 1400/1600 [mm]	CPLW 1800/2000 [mm]	CPL2W 1600 [mm]	CPL2W 1800/2000 [mm]
A	380	500	500	640	680	500	500	640	640	680	680
B	340	500	380	500	500	500	500	500	500	500	500
ø D	140	180	140	180	180	250	290	250	290	250	290

Jawar Smooth

Three-layer chimney designed to exhaust fumes from solid fuel stoves and fireplaces. JAWAR Smooth is a chimney that is both a decoration and an emphasis on the character of the interior.

wood



pellet



Product description:

The JAWAR Smooth chimney is used in elegant interiors, where the fireplace and the chimney are an important decorative element of the room. The JAWAR Smooth chimney can be connected to the fireplace with an upper or rear connection. It carries the smoke out through the ceiling and roof and at the same time transfers some heat directly to the apartment.

Thanks to the use of innovative technology, the connections of individual elements are practically invisible, and the black painted surface gives the chimney a unique look. JAWAR Smooth is an insulated internal chimney for fireplaces that ensures both safety and a perfect interior appearance. The thick 50mm insulation makes it a perfect solution both for interior and outside installation.

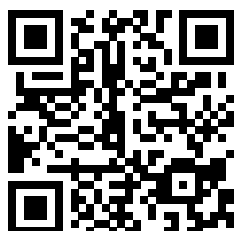
Properties:

- Available in diameters: 130/250, 150/280, 180/300, 200/300
- Internal pipes made of stainless steel grade 316L, thickness 0,5mm-0,6mm
- External pipes made of stainless steel grade 304, thickness 0,6 mm
- External surface powder painted in black, white, bronze, brick or grey colors
- Invisible connections of the outer pipes, made in the "Smooth" technology
- Insulation made from ceramic fibers, thickness 50mm, fire resistance up to 1260°C
- Operation temperature: up to 600°C.
- Operation in dry conditions
- Installation inside or outside of the building
- Wide range of elements and diameters
- Easy and fast installation
- Small heat capacity as a result of thin walls of the inner pipes
- High gas-tightness
- Fire safety as a result of using ceramic fiber insulation
- Distance to burnable materials: 50 mm not enclosed
- Operation in underpressure
- Possible to paint the chimney in custom colors from the RAL palette

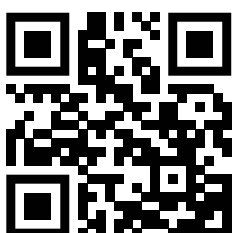




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