

# ***Solid Fuel Range Cookers and Stoves Catalogue***

## ***KVS-MORAVIA***







**KVS EKODIVIZE a.s. (Corp.), branch plant Dvorce – producer of KVS MORAVIA household appliances**

*The history of the plant in Dvorce in Moravia dates back to the beginning of the last century. The production began in 1906, which was reoriented towards supplying the military in wartime. After the war the engineering production continued. The production of solid fuel appliances – cooking and heating stoves and boilers – started in 1994. Today we supply this assortment under the KVS MORAVIA trade mark to trade networks in the Czech Republic. These appliances work on the principle of the combustion of solid fuels: especially wood and currently also an environmentally-friendly fuel – wooden briquettes.*

*Since 1 February 2003, the Dvorce plant has been part of the joint-stock company KVS EKODIVIZE.*

## **Solid Fuel Range Cookers and Stoves KVS MORAVIA**

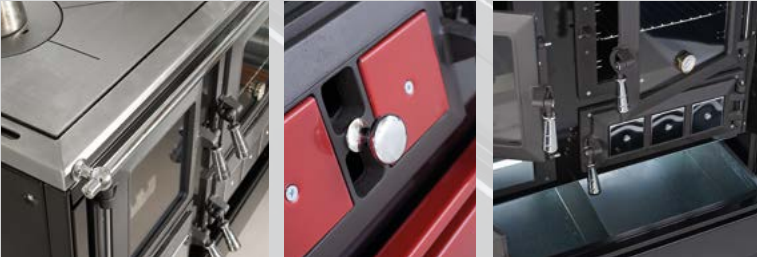






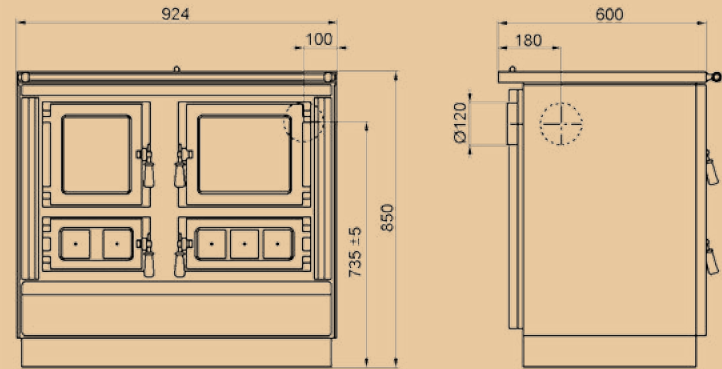


Solid fuel range cooker with oven  
for heating, cooking, baking and food warming



Heat output: 7–10 kW  
Heating area, max: 150 m<sup>3</sup>  
Optional hob top: two-piece steel, ground steel finish  
or glass and ceramic panel  
Optional accessories: wooden, metallic chrome-plated  
Energy efficiency class: **A**

6.



TECHNICAL SPECIFICATIONS:

Rated Thermal Output (RTO)		7.1 kW
Chimney Draught, min.		12 Pa
Overall Cooker Size	Height	850 mm (33.465 inch)
	Width	924 mm (36.378 inch)
	Depth	600 mm (23.622 inch)
Distance from Floor to Centre of Flue Socket		735 mm ±5 mm (28.937 inch)
Oven Size	Height	250 mm (9.843 inch)
	Width	300 mm (11.811 inch)
	Depth	430 mm (16.929 inch)
Fuel Type (recommended)		firewood, wooden briquettes
Average	Wooden briquettes	2 kg/hour
Fuel Consumption	Wood	3.5 kg/hour
Efficiency at RTO		80.6 %
Weight		175 kg

Features

- high heat output
- spacious firebox for firewood with length to 450 mm (17.717 inch) and diameter of 190 mm (7.480 inch)
- firebox door with glass for visual control of fuel consumption
- glazed oven door equipped with temperature gauge
- flue outlet top, rear and side with 120 mm (4.724 inch) flue pipe diameter
- glass and ceramic cooking panel – only rear and side outlets are available
- user friendly air inlet and exhaust gas controls
- spacious solid fuel storage drawer
- left and right-handed versions
- cooling panels for kitchen unit installation (see page 34.)
- this range cooker is also available with a water heat exchanger unit for connection to a central heating system and hot water tank (see page 29.)

Colour



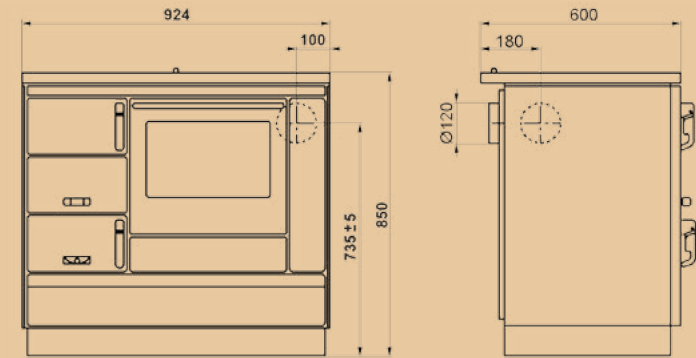


Solid fuel range cooker with oven  
for heating, cooking, baking and food warming



Heat output: 6–10 kW  
Heating area, max: 150 m³  
Optional hob top: two-piece steel, ground steel finish  
or glass and ceramic panel  
Optional accessories: metallic chrome-plated  
Energy efficiency class: **A+**

8.



TECHNICAL SPECIFICATIONS:

Rated Thermal Output (RTO)		8.4 kW
Chimney Draught, min.		11 Pa
Overall Cooker Size	Height	850 mm (33.465 inch)
	Width	924 mm (36.378 inch)
	Depth	600 mm (23.622 inch)
Distance from Floor to Centre of Flue Socket		735 mm ± 5 mm (28.937 inch)
Oven Size	Height	294 mm (11.575 inch)
	Width	400 mm (15.748 inch)
	Depth	482 mm (18.976 inch)
Fuel Type (recommended)		firewood, wooden briquettes
Average	Wooden briquettes	2.5 kg/hour
Fuel Consumption	Wood	3 kg/hour
Efficiency at RTO		82.8 %
Weight		155 kg

Features

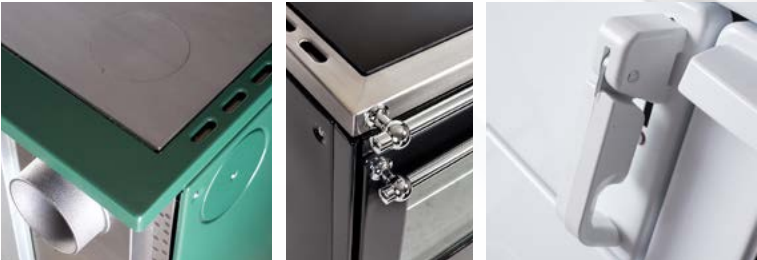
- high heat output
- spacious firebox is easily adjustable to summer or winter regimes
- generous oven with excellent baking performance
- glazed oven door equipped with temperature gauge
- flue outlet top, rear and side with 120 mm (4.724 inch) flue pipe diameter
- glass and ceramic cooking panel – only rear and side outlets are available
- user friendly air inlet and exhaust gas controls
- spacious solid fuel storage drawer
- left and right-handed versions
- cooling panels for kitchen unit installation (see page 34.)
- this range cooker is also available with a water heat exchanger unit for connection to a central heating system and hot water tank (see page 28.)

Colour



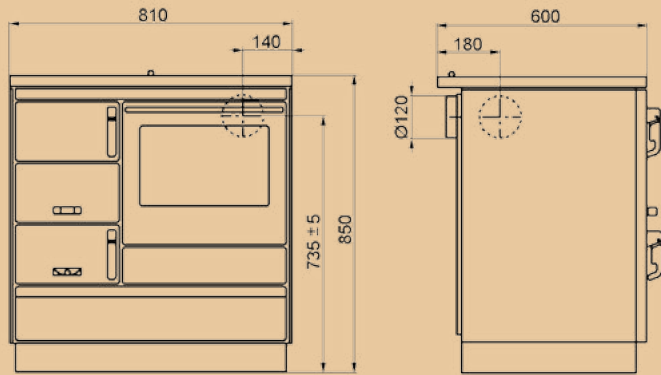


Solid fuel range cooker with oven for heating, cooking, baking and food warming



Heat output: 6–10 kW  
Heating area, max: 150 m³  
Optional hob top: two-piece steel, ground steel finish or glass and ceramic panel  
Optional accessories: plastic, metallic chrome-plated  
Energy efficiency class: A+

10.



TECHNICAL SPECIFICATIONS:

Rated Thermal Output (RTO)		8.4 kW
Chimney Draught, min.		12 Pa
Overall Cooker Size	Height	850 mm (33.465 inch)
	Width	810 mm (31.890 inch)
	Depth	600 mm (23.622 inch)
Distance from Floor to Centre of Flue Socket		735 mm ± 5 mm (28.937 inch)
Oven Size	Height	294 mm (11.575 inch)
	Width	400 mm (15.748 inch)
	Depth	482 mm (18.976 inch)
Fuel Type (recommended)		firewood, wooden briquettes
Average	Wooden briquettes	2.5 kg/hour
Fuel Consumption	Wood	3 kg/hour
Efficiency at RTO		83.2 %
Weight		140 kg

Features

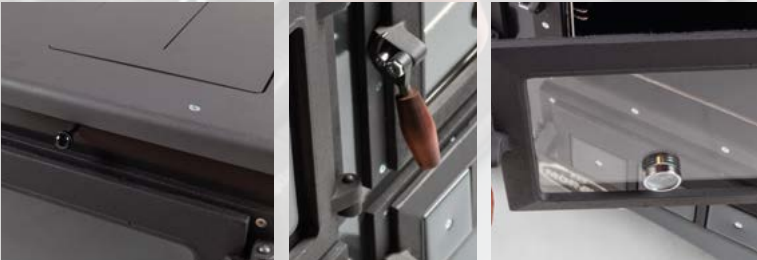
- high heat output
- spacious firebox is easily adjustable to summer or winter regimes
- generous oven with excellent baking performance
- glazed oven door equipped with temperature gauge
- flue outlet top, rear and side with 120 mm (4.724 inch) flue pipe diameter
- glass and ceramic cooking panel – only rear and side outlets are available
- user friendly air inlet and exhaust gas controls
- spacious solid fuel storage drawer
- left and right-handed versions
- cooling panels for kitchen unit installation (see page 34.)

Colour



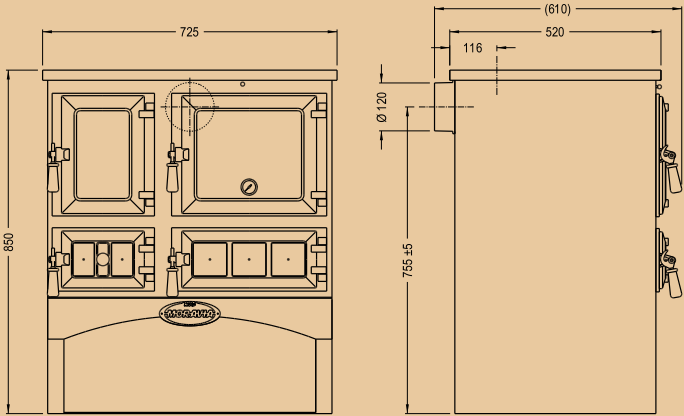


Solid fuel range cooker with oven  
for heating, cooking, baking and food warming



Heat output: 6–8 kW  
Heating area, max: 120 m³  
Hob top: steel  
Accessories: wooden  
Energy efficiency class: A+

12.



Features

- suitable for heating smaller spaces
- firebox with fixed grate for firewood with length to 340 mm (13.386 inch)
- glazed firebox door for visual control of fuel consumption
- user friendly air inlet and exhaust gas controls
- oven with excellent baking performance
- glazed oven door equipped with temperature gauge
- flue outlet top and rear with 120 mm (4.724 inch) flue pipe diameter

TECHNICAL SPECIFICATIONS:

Rated Thermal Output (RTO)		6.6 kW
Chimney Draught, min.		12 Pa
Overall Cooker Size	Height	850 mm (33.465 inch)
	Width	725 mm (28.543 inch)
	Depth	520 mm (20.472 inch)
Distance from Floor to Centre of Flue Socket		755 mm ±5 mm (29.724 inch)
Oven Size	Height	250 mm ( 9.843 inch)
	Width	300 mm (11.811 inch)
	Depth	430 mm (16.929 inch)
Fuel Type (recommended)		firewood, wooden briquettes
Average	Wooden briquettes	1.8 kg/hour
Fuel Consumption	Wood	2 kg/hour
Efficiency at RTO		81.5 %
Weight		107 kg

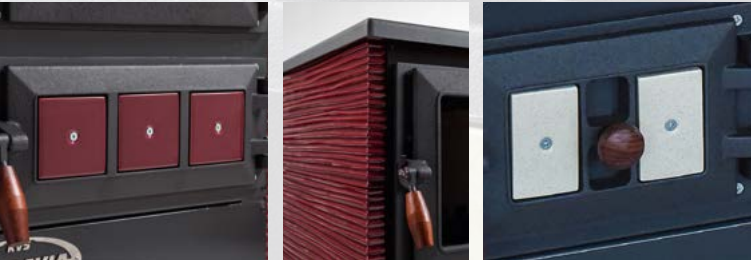
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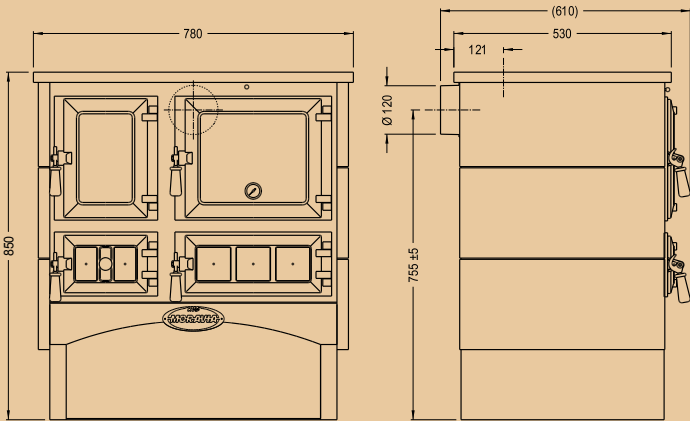


Solid fuel range cooker with oven for heating, cooking, baking and food warming



Heat output: 6–8 kW  
Heating area, max: 120 m<sup>3</sup>  
Hob top: steel  
Accessories: wooden  
Energy efficiency class: A+

14.



Features

- suitable for heating smaller spaces
- firebox with fixed grate for firewood with length to 340 mm (13.386 inch)
- glazed firebox door for visual control of fuel consumption
- user friendly air inlet and exhaust gas controls
- oven with excellent baking performance
- glazed oven door equipped with temperature gauge
- flue outlet top and rear with 120 mm (4.724 inch) flue pipe diameter
- ceramic lining of side walls

TECHNICAL SPECIFICATIONS:

Rated Thermal Output (RTO)		6.6 kW
Chimney Draught, min.		12 Pa
Overall Cooker Size	Height	850 mm (33.465 inch)
	Width	780 mm (30.709 inch)
	Depth	530 mm (20.866 inch)
Distance from Floor to Centre of Flue Socket		755 mm ±5 mm (29.724 inch)
Oven Size	Height	250 mm ( 9.843 inch)
	Width	300 mm (11.811 inch)
	Depth	430 mm (16.929 inch)
Fuel Type (recommended)		firewood, wooden briquettes
Average	Wooden briquettes	1.8 kg/hour
Fuel Consumption	Wood	2 kg/hour
Efficiency at RTO		81.5 %
Weight		137 kg

Ceramic colour



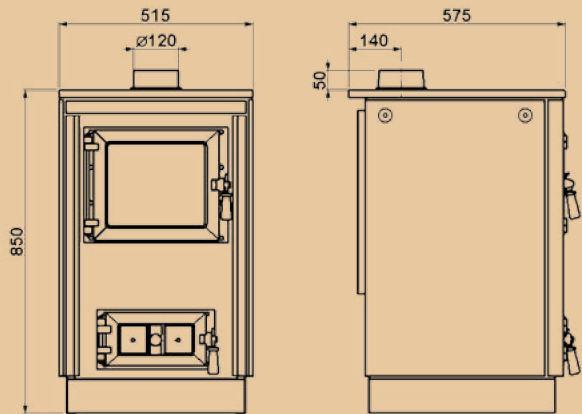


Solid fuel stove with hob top  
for heating, cooking and food warming



Heat output: 7–9 kW  
Heating area, max: 150 m<sup>3</sup>  
Hob top: ground steel finish  
Optional accessories: metallic chrome-plated  
Energy efficiency class: A

16.



Features

- high heat output
- spacious firebox for firewood with length to 350 mm (13.780 inch) and diameter of 230 mm (9.055 inch)
- glazed firebox door for visual control of fuel consumption
- flue outlet top with 120 mm (4.724 inch) flue pipe diameter
- this appliance is also available with a water heat exchanger unit for connection to a central heating system and hot water tank (see page 30.)

TECHNICAL SPECIFICATIONS:

Rated Thermal Output (RTO)		7.1 kW
Chimney Draught, min.		12 Pa
Overall Stove Size	Height	850 mm (33.465 inch)
	Width	515 mm (20.276 inch)
	Depth	575 mm (22.638 inch)
Fuel Type (recommended)		firewood, wooden briquettes
Average	Wooden briquettes	2 kg/hour
Fuel Consumption	Wood	3 kg/hour
Efficiency at RTO		77.9 %
Weight		130 kg

Colour



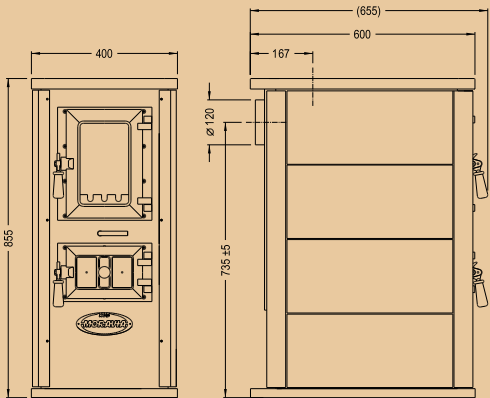


Solid fuel stove with hob top  
for heating, cooking and food warming



Heat output: 7–9 kW  
Heating area, max: 150 m³  
Hob top: ground steel finish  
Accessories: wooden  
Energy efficiency class: A+

18.



TECHNICAL SPECIFICATIONS:

Rated Thermal Output (RTO)		7.0 kW
Chimney Draught, min.		12 Pa
Overall Stove Size	Height	855 mm (33.661 inch)
	Width	400 mm (15.75 inch)
	Depth	600 mm (23.622 inch)
Distance from Floor to Centre of Flue Socket		735 mm ± 5 mm (28.937 inch)
Fuel Type (recommended)		firewood, wooden briquettes
Average Fuel Consumption	Wooden briquettes	1.8 kg/hour
	Wood	2 kg/hour
Efficiency at RTO		82.0 %
Weight		103 kg

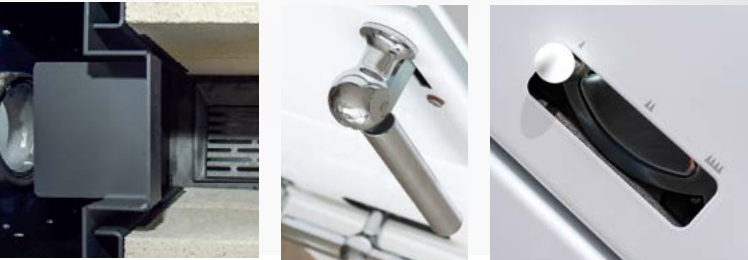
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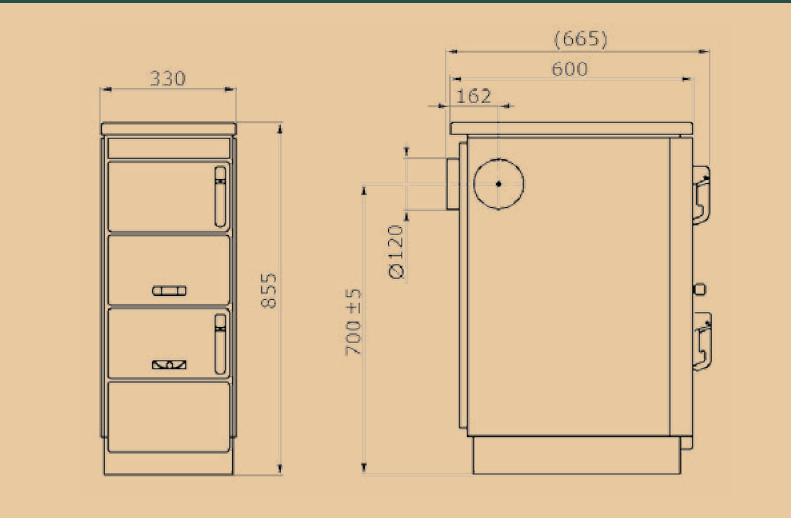


Solid fuel stove with hob top for heating, cooking and food warming



Heat output: 6–8 kW  
Heating area, max: 120 m³  
Hob top: ground steel finish  
Optional accessories: plastic or metallic chrome-plated  
Energy efficiency class: A

20.



Features

- suitable for heating smaller spaces
- spacious firebox – easily adjustable to summer or winter regimes
- flue outlets: top, rear and both sides with 120 mm (4.724 inch) flue pipe diameter
- user friendly air inlet and exhaust gas controls
- solid fuel storage drawer

TECHNICAL SPECIFICATIONS:

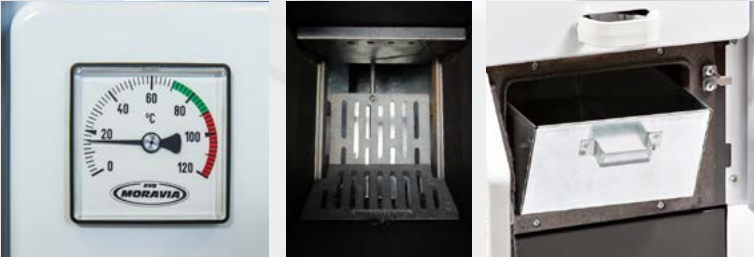
Rated Thermal Output (RTO)		6.8 kW
Chimney Draught, min.		11 Pa
Overall Stove Size	Height	855 mm (34.20 inch)
	Width	330 mm (13.20 inch)
	Depth	600 mm (24.20 inch)
Distance from Floor to Centre of Flue Socket		700 mm ±5 mm (27.559 inch)
Fuel Type (recommended)		firewood, woodem briquetes
Average Fuel Consumption	Wooden briquettes	1.6 kg/hour
	Wood	2 kg/hour
Efficiency at RTO		78.9 %
Weight		100 kg

Colour



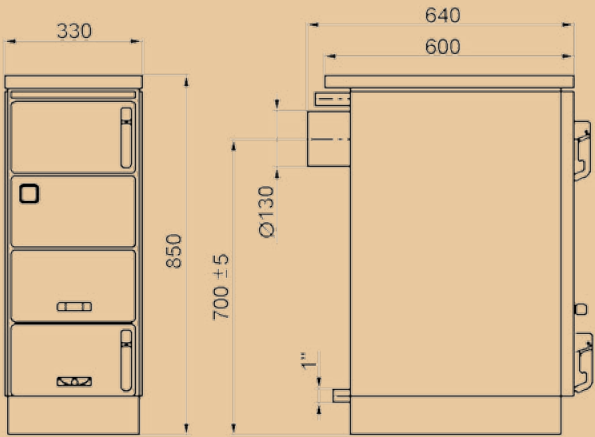


Solid fuel appliance with heat exchange unit  
for connection to the central heating system



Heat output into area: 2–3 kW  
Heat output into water (HEU): 5.5–7.0 kW  
Heating area, max: 150 m³  
Hob top: steel  
Accessories: plastic  
Energy efficiency class: A+

22.



Features

- due to appliance design it can be installed in habitable rooms
- user friendly air inlet and exhaust gas controls
- it is possible to cook or heat food on the hob
- flue outlet rear with 130 mm (5.118 inch) flue pipe diameter

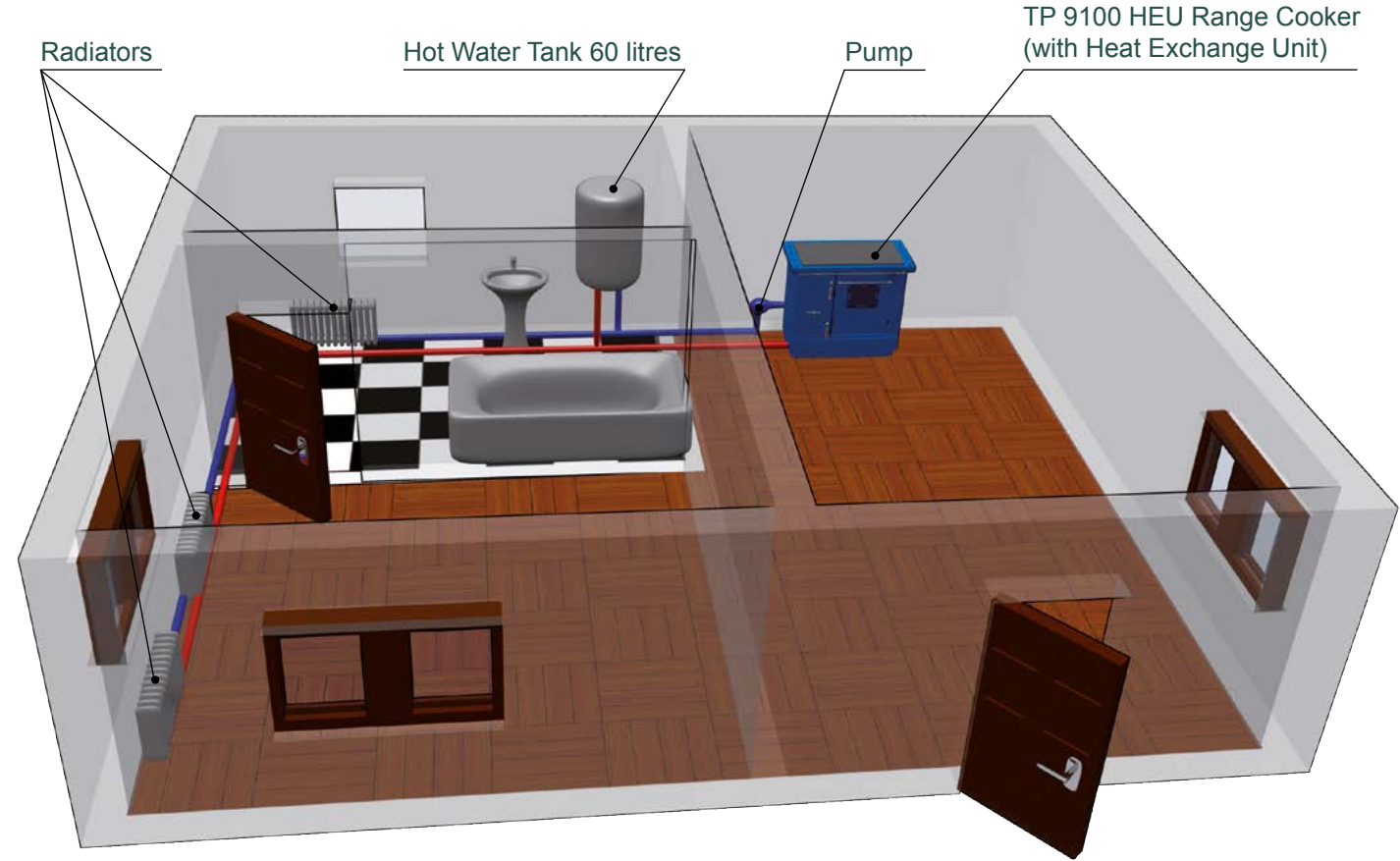
TECHNICAL SPECIFICATIONS:

Rated Thermal Output (RTO)		8.4 kW
Chimney Draught, min.		12 Pa
Overall size	Height	850 mm (33.465 inch)
	Width	330 mm (13.20 inch)
	Depth	640 mm (25.197 inch)
Distance from Floor to Centre of Flue Socket		700 mm ±5 mm (27.559 inch)
Fuel Type (recommended)		firewood, wooden briquettes
Average Fuel Consumption	Wooden briquettes	2.2 kg/hour
	Wood	2.5 kg/hour
Dimensions of the heating system connection		G1"
Heat Exchange Unit volume		14 l (dm³)
Efficiency at RTO		82.7 %
Weight		102 kg

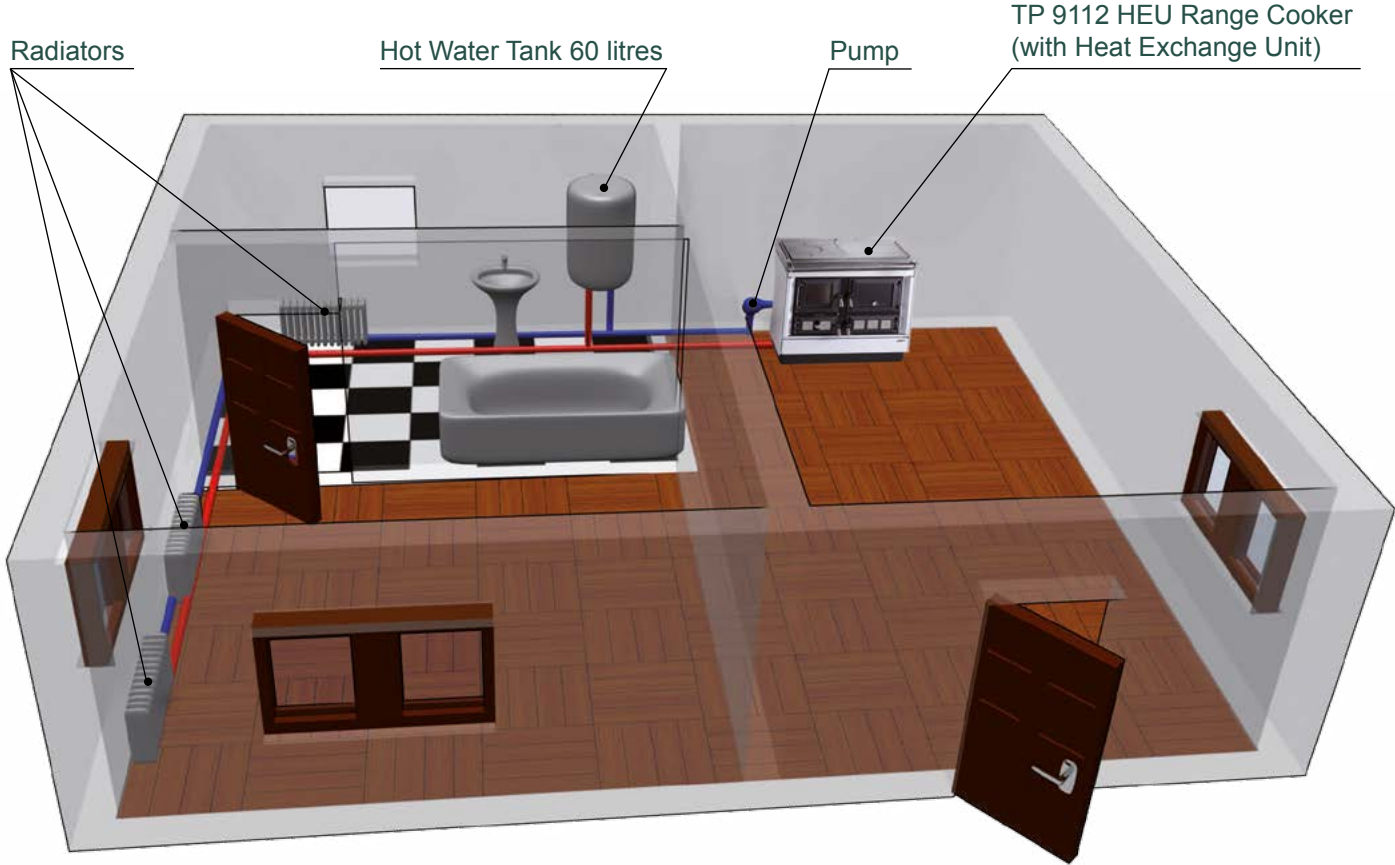
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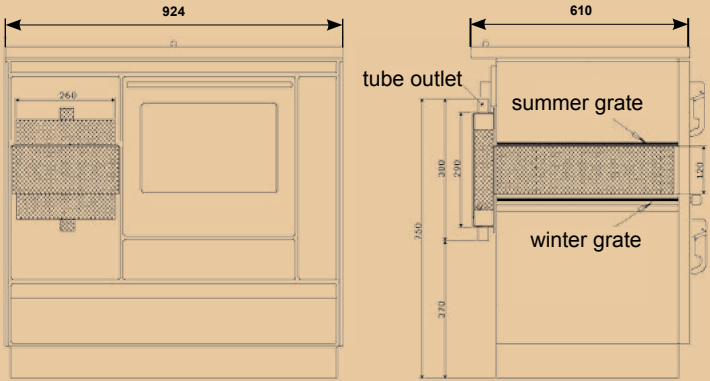


Solid fuel range cooker with oven for heating, cooking, baking, food warming and for connection to the central heating system



Solid fuel range cooker with oven for heating, cooking, baking, food warming and for connection to the central heating system

24.



Technical data for type 9100 HEU

Heat output into area:	6.6 kW
Heat output into water:	3.4-7.0 kW
Heat exchange unit volume:	10 litres
Heat exchange unit water outlet:	1 inch
Heating area, max:	150 m <sup>3</sup>
Flue outlets:	top, rear and side
	with 120 mm (4.724 inch) flue pipe diameter
Energy efficiency class:	A+



Colour



Technical data for type 9112 HEU

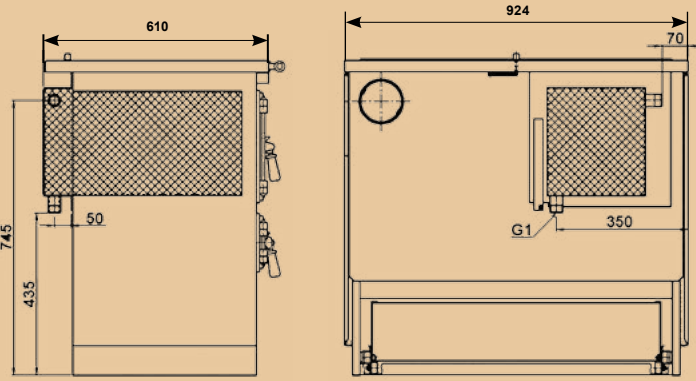
Heat output into area:	7.6 kW
Heat output into water:	3.8-6.0 kW
Heat exchange unit volume:	9 litres
Heat exchange unit water outlet:	1 inch
Heating area, max:	150 m <sup>3</sup>
Flue outlets:	top, rear and side
	with 120 mm (4.724 inch) flue pipe diameter
Energy efficiency class:	A+



Colour



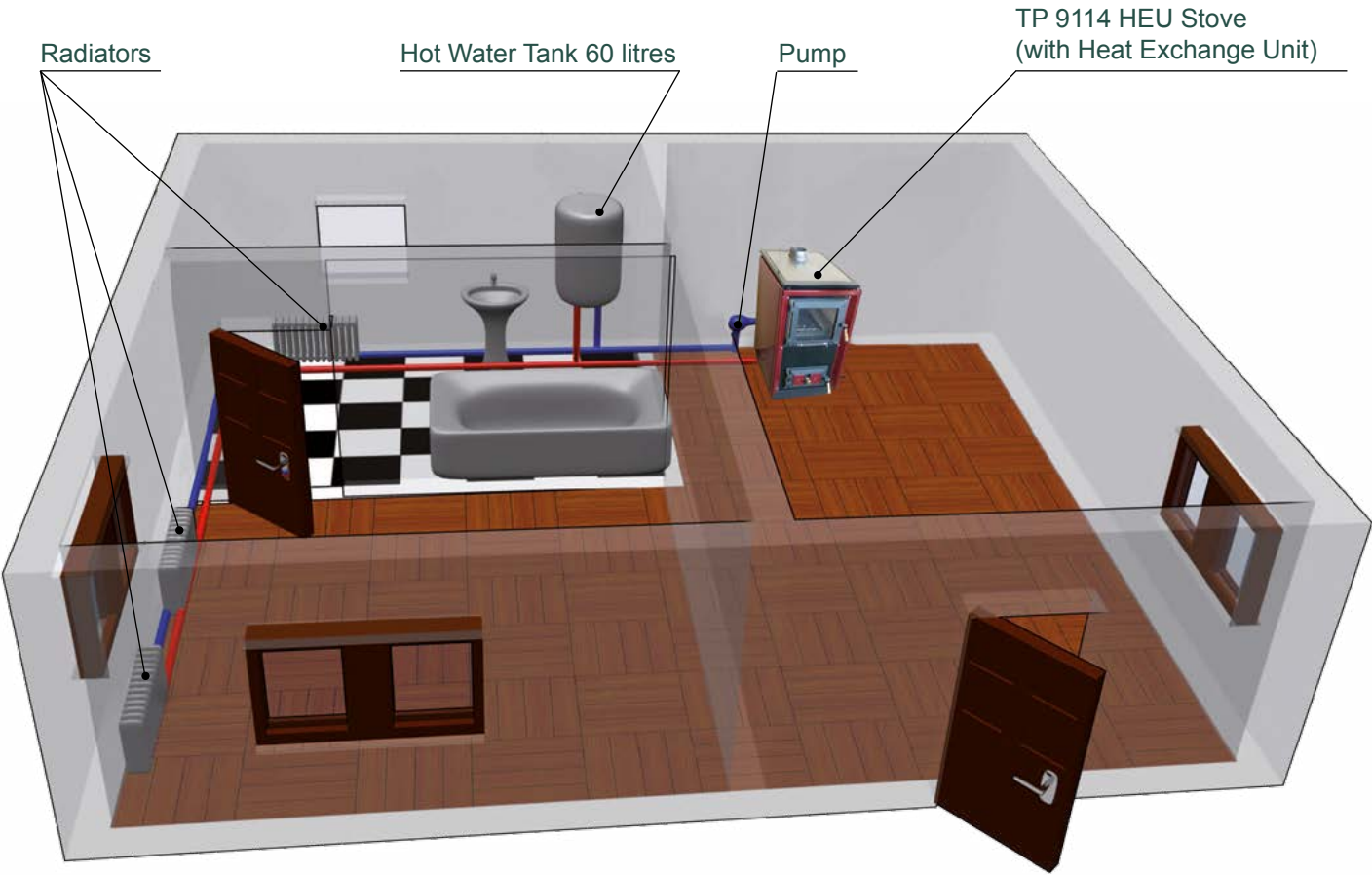
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TECHNICAL SPECIFICATIONS:

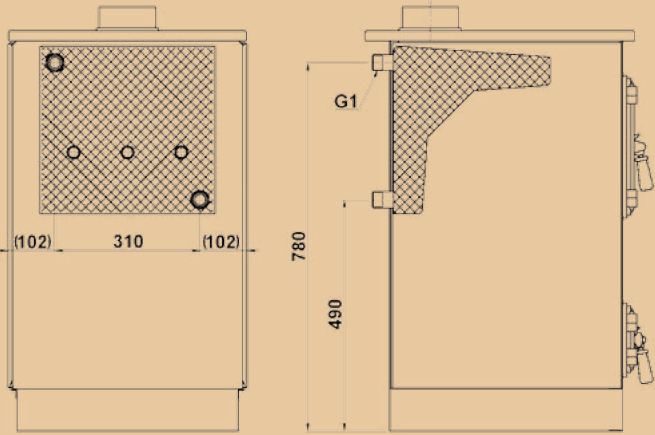
Rated Thermal Output (RTO)	11.4 kW
Chimney Draught, min.	11 Pa
Overall Cooker Size	Height 850 mm (33.465 inch)
	Width 924 mm (36.378 inch)
	Depth 610 mm (24.016 inch)
Distance from Floor to Centre of Flue Socket	735 mm ±5 mm (28.937 inch)
Oven Size	Height 250 mm ( 9.843 inch)
	Width 300 mm (11.811 inch)
	Depth 430 mm (16.929 inch)
Fuel Type (recommended)	firewood, wooden briquettes
Average	Wooden briquettes 3 kg/hour
Fuel Consumption	Wood 3.5 kg/hour
Efficiency at RTO	81.7 %
Weight	175 kg





Solid fuel stove with hob top for heating, cooking, food warming and for connection to the central heating system

Cutaway diagram of type 9100



Technical data for type 9114 HEU

Heat output into area:	4.4 kW
Heat output into water:	3.4-7.0 kW
Heat exchange unit volume:	15 litres
Heat exchange unit water outlet:	1 inch
Heating area, max:	200 m <sup>3</sup>
Flue outlet:	top with 120 mm (4.724 inch) flue pipe diameter
Energy efficiency class:	A

TECHNICAL SPECIFICATIONS:

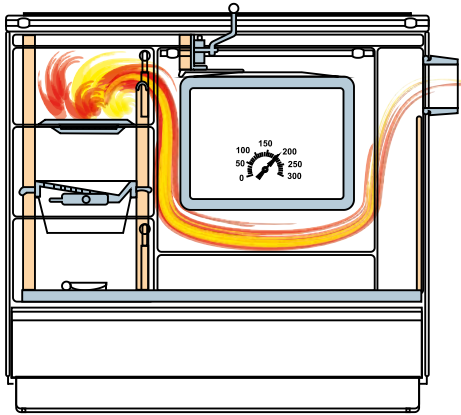
Rated Thermal Output (RTO)	7.8 kW
Chimney Draught, min.	15 Pa
Overall Stove Size	Height 850 mm (33.465 inch)
	Width 515 mm (20.276 inch)
	Depth 575 mm (22.638 inch)
Fuel Type (recommended)	firewood, wooden briquettes
Average	2.1 kg/hour
Fuel Consumption	Wood 3 kg/hour
Efficiency at RTO	78.6 %
Weight	130 kg



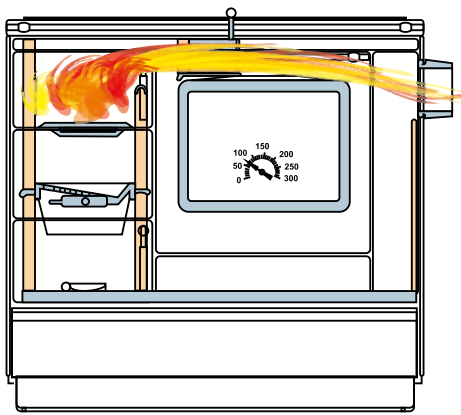
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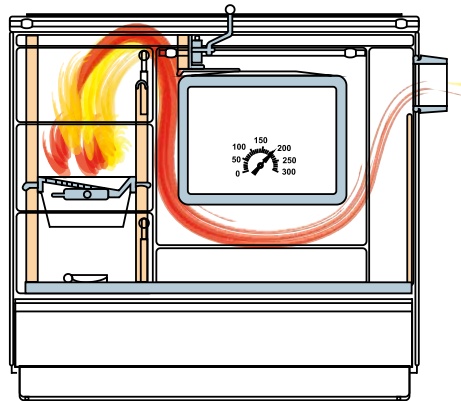
1. Summer regime: baking in the oven – the shutter is down



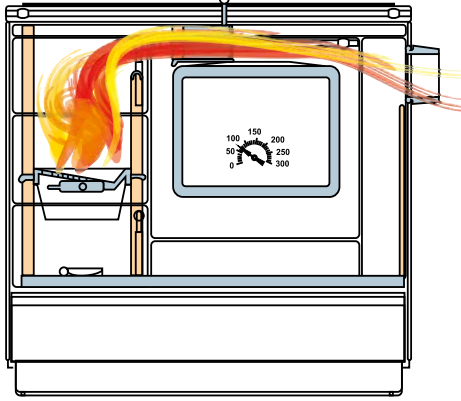
hot plate cooking – the shutter is up



2. Winter regime: baking in the oven – the shutter is down



hot plate cooking on the top – the shutter is up





Oven

Fire box

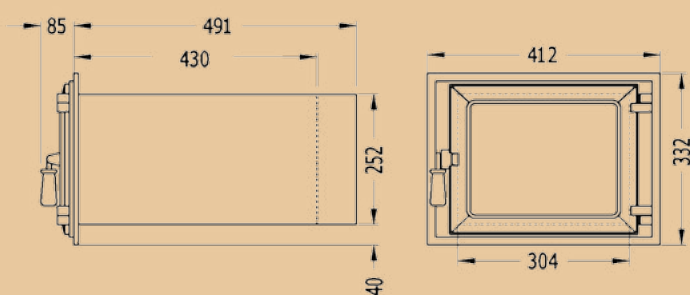


Heat output: 6–10 kW  
 Weight of oven: 15 kg  
 Weight of fire box: 25 kg  
 Fireproof glass temperature tolerance: 600°C  
 Recommended fuel type: firewood and wooden briquettes  
 Accessories: wooden or metallic chrome-plated

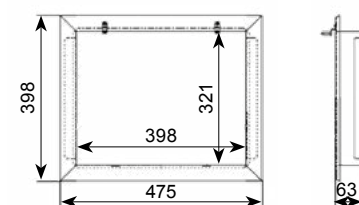
The built-in system is intended for your own construction of stoves or Dutch furnaces for solid fuel

28.

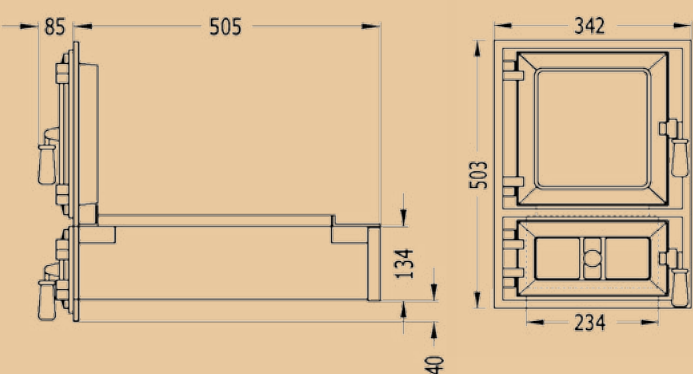
Oven 8111-01-000



Frame for oven 8111-05-920



Fire box 8111-05-000



### Features:

- cast iron firebox door, fire grate, ashpan and oven door
- ashpan door with air regulator
- glazed firebox door for visual fuel control
- glazed oven door equipped with temperature gauge

**NOTE:**  
 we don't design or build the tiled stoves  
 or Dutch construction of cookers



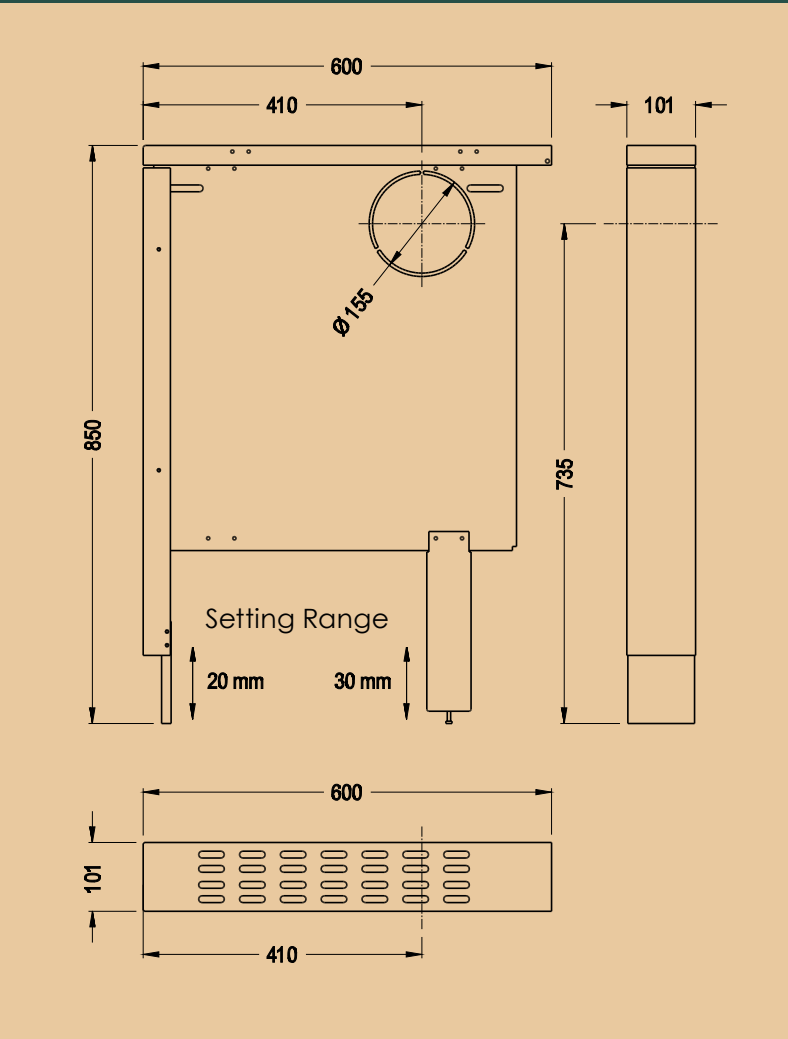




The cooling panel is suitable for use in building solid-fuel appliances into a fitted kitchen or for interior installations requiring insulation from furniture and other equipment.

Dimensions: W101 x H850 x D600 in mm  
W3.976 x H33.465 x D23.622 in inches  
Weight: 8 kg  
High setting range: maximal 20–30 mm  
Variants of design: double-sided

30.



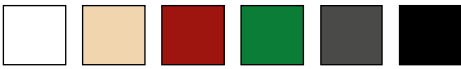
### Features:

- Easy installation
- Colouring in line with the design of appliances
- Functionality and ensuring prescribed safety clearances
- Uniform design for positioning from the left and right side of an appliance
- Modern design that allows positioning it, for example, in a fitted kitchen

### Technical description

The KVS MORAVIA type 9118 cooling panel is used to reduce the temperature in the space between an appliance and fitted kitchen. It is suitable for 9100, 9103 and 9112 type cookers. With its shape and dimension, the panel is a smooth continuation of the cooker and does not disrupt its overall design. The internal parts of the panel are made of galvanised sheet metal, and the external visible parts have a high temperature-resistant surface finish. The panel can be positioned from both sides of the cooker.

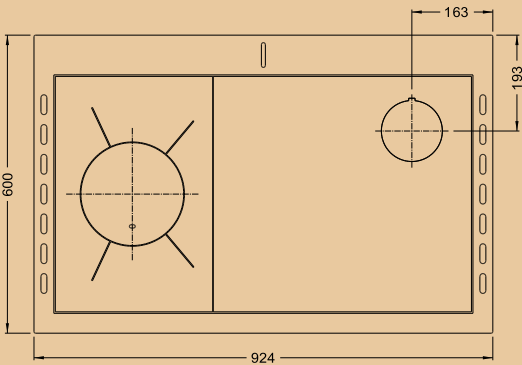
### Colour



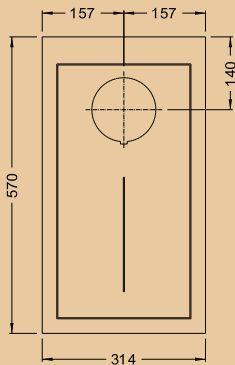


Flue outlet top position on cooking panel (hob top)

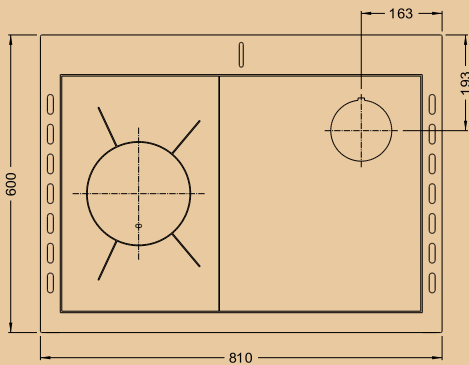
type 9100/9112



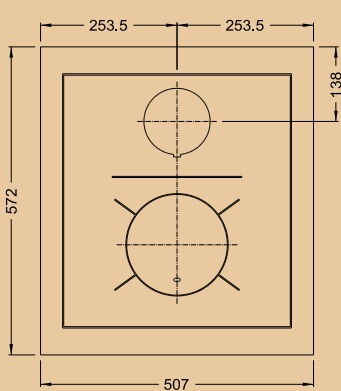
type 9101



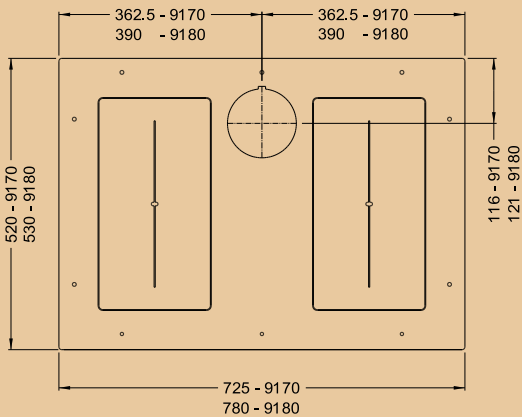
type 9103



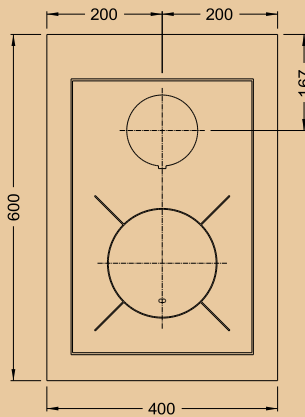
type 9114



type 9170/9180

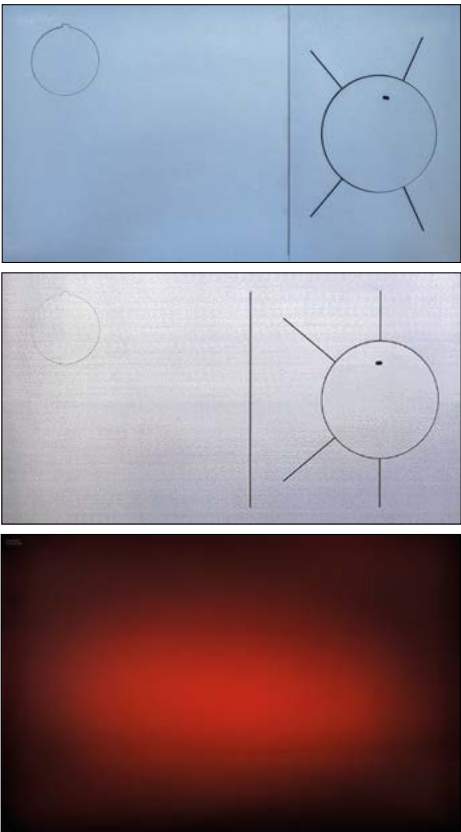


type 9190



32. Metric dimensions (in mm)

Variations of the cooking panel (hob top) for type 9100, 9103 and 9112



Two-piece steel hob top

- cooking panel with resistant coating

One-piece ground steel hob top

- cooking panel with attractive ground steel finish

Attractive glass and ceramic hob top

- special hardened glass for direct flame exposure







**Flue pipe bend**  
(we provide supplies  
of the flue programme)

**Diameter: 120 mm**

Ser. No.: ZKZ-654XXX



**Cast-iron upper grate for  
9100 and 9103 type cookers**

**Dimensions:**  
**18.5 cm x 38 cm**

Ser. No.: 9100-03-083



**Baking pan – shallow for  
9100 and 9103 type cookers**

**Dimensions:**  
**39.5 cm x 39.5 cm x 2.4 cm**

Ser. No.: 3552.4-10-002



**Baking pan – deep for  
9100 and 9103 type cookers**

**Dimensions:**  
**39.5 cm x 39.5 cm x 6.3 cm**

Ser. No.: 3552.2-10-002



**Cast-iron rotary grate for  
9100, 9103 and 9112 type  
cookers**

**Dimensions:**  
**14 cm x 30 cm**

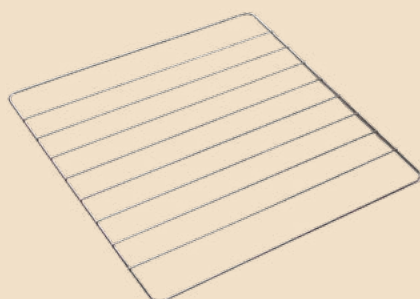
Ser. No.: 9100-03-058



**Baking pan – deep for  
9112 type cooker**

**Dimensions:**  
**29 cm x 41.3 cm x 4.2 cm**

Ser. No.: 8111.2-05-001



**Oven grill for  
9100 and 9103 type cookers**

**Dimensions:**  
**39.5 cm x 39.5 cm**

Ser. No.: 3502.0-10-800



**Cast-iron top head for  
9100 and 9103 type cookers**

**Dimensions:**  
**41 cm x 9 cm x 4.8 cm**

Ser. No.: 9100-06-061







*KVS EKODIVIZE Corp., branch factory Dvorce – producer of range cookers under the **KVS MORAVIA** trademark*

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