Tulikivi®

Soapstone Heaters
Karelia Collection

www.tulikivi.com

RAITA S RIGATA 18

The sensation of Northern warmth

People have always gathered around a fire for heat, safety, and preparing to prepare food. This is still the case. Having a Tulikivi heater is an environmentally friendly choice and it also gives you the additional benefit of self-sufficiency. It brings peace and warmth amidst the hustle and bustle of everyday life.

In Finland, we have an affinity with fire as it has proved essential for our survival. To help us endure long and cold winters, nature has blessed us with a unique material: soapstone.

Tulikivi has pioneered the use of soapstone in appliances that reward their owners with the joy of watching a live fire while the heat sink gets replenished.

Soapstone

Easy heating

Gentle heat

Cooking

Design

Soapstone

”My Tulikivi retains heat for incredibly long periods of time.

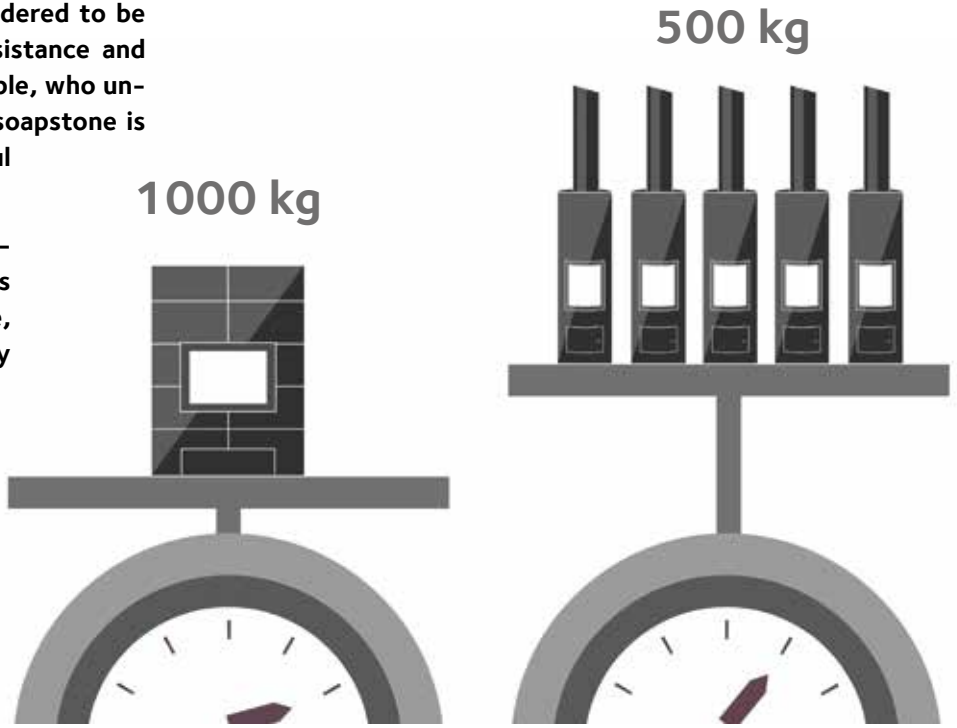
- Gerhard, Tübingen, Germany

Soapstone is a unique natural material. Thanks to its thermal conductivity and high density, soapstone can absorb the heat from a fire and retain it for over long periods of time. It is therefore ideally suited for heat-retaining appliances.

Most of the soapstone used by Tulikivi comes from the soapstone deposits found in North Karelia, a region in Eastern Finland. This stone is widely considered to be one of the best in the world for fire resistance and consistency. In the hands of our craftspeople, who understand the requirements of the North, soapstone is turned into the most efficient and beautiful heating appliances.

Because its carbon footprint is small compared to industrially produced materials such as firebrick or refractory concrete, soapstone is an environmentally friendly choice.

When you choose your next wood-fired heating appliance, it is revealing to compare heat retaining capacities. You will find that Tulikivi heaters can retain ten times more heat energy than traditional woodstoves. This is because only a Tulikivi is made out of one to three tons of pure soapstone!



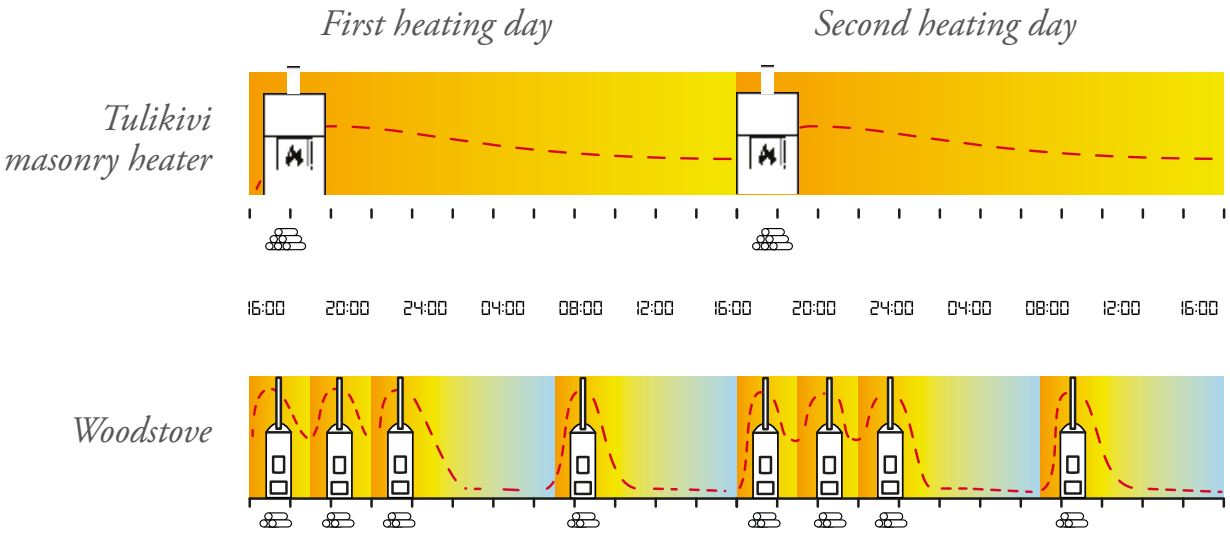
Easy heating

”Single firing is easier than having to keep adding firewood all the time.”

- Maurice, Spijkenisse, The Nederlands

A Tulikivi soapstone heater is an economical and safe choice for your home and for the environment.

A Quick and intense fire in Tilikivi’s Whirlbox guarantees high efficiency and low emissions. The hot flue gases generated by the fire travel for several meters/feet inside soapstone channels before entering the flue and give up most of their heat in the process. The stones then radiate evenly into the surrounding space, releasing pleasant heat until the next day.




Tulikivi

Hot flue gases are sent through a soapstone heat exchanger.

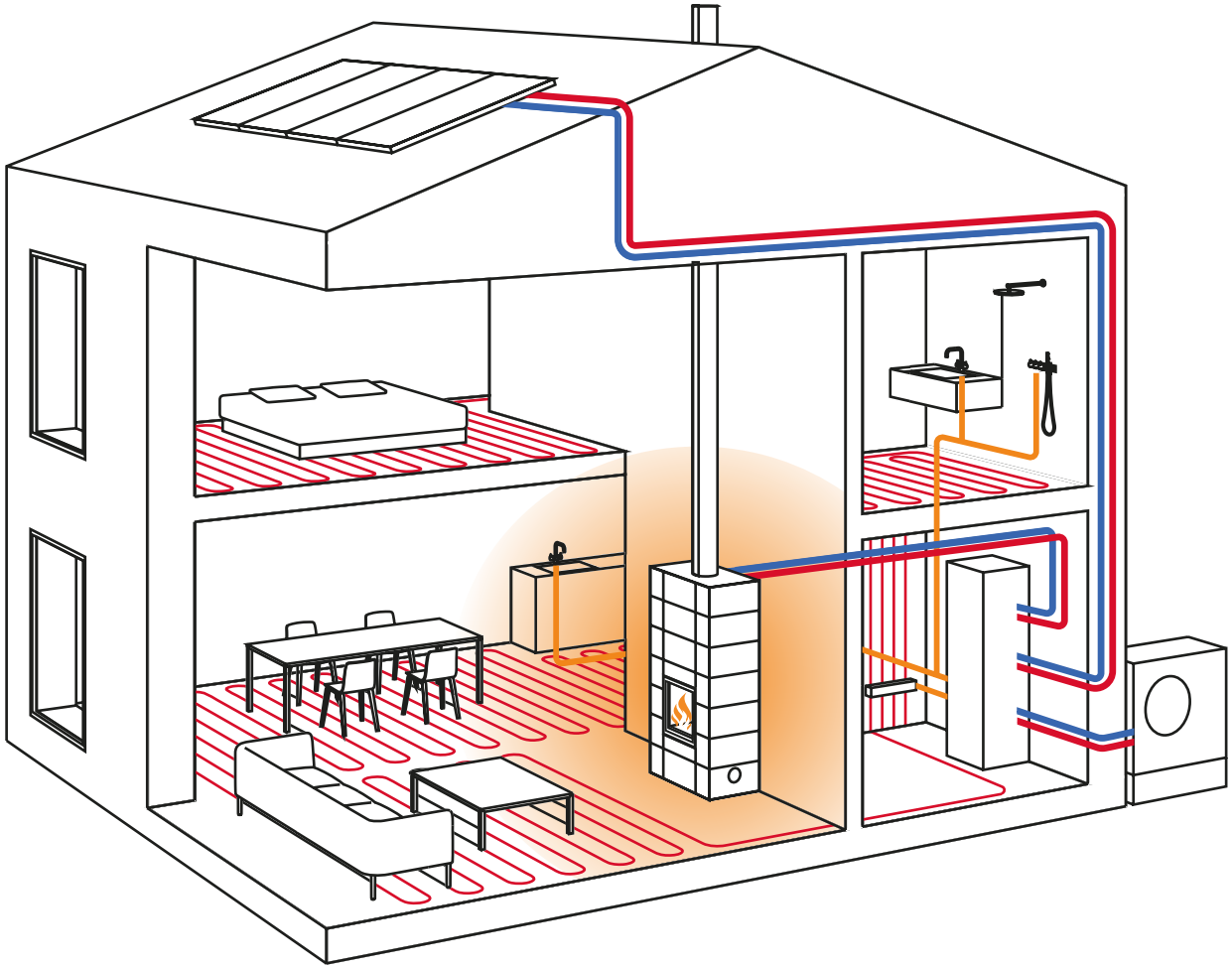
Tulikivi heaters incorporate a heat exchanger to make use of the heat energy in flue gases.

From the firebox, flue gases travel through the soapstone heat exchanger before entering the flue. They give up most of their heat in the process. The stones then transmit the heat into the house as pleasant and healthy thermal radiation.

In the narrower models, the flue gases rise in a spiral toward the flue. In these spiral channel models, as in models with side channels, the hot flue gases' thermal energy is stored in the stone.

A Tulikivi soapstone heater can cover a large part of your heating needs.

A Tulikivi can be integrated into your heating system. Combining a soapstone heater with water heating means that you can increase the proportion of wood in your overall heat production. This is also a great way to further reduce your energy bills.



Gentle heat

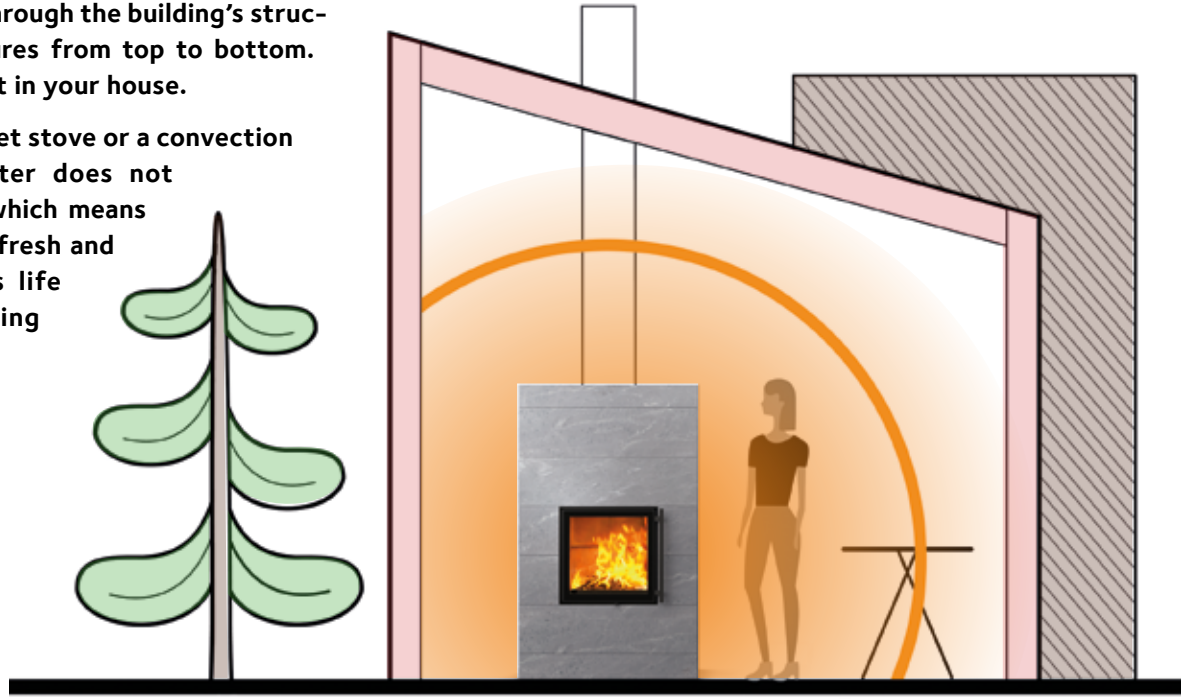
”I can hug my Tulikivi and walk barefoot at home.”

- Richard, Rochester, United States

A Tulikivi soapstone heater is a source of gentle and pleasant heat. You can already feel its effect by touching the stone surface when the fire is at full roar. Radiant heat will then warm your body as if you were standing in the winter sun. It will reach every corner of your home by spreading through the building’s structures, furniture and fixtures from top to bottom. You can now walk barefoot in your house.

Unlike a woodstove, a pellet stove or a convection fireplace, a Tulikivi heater does not create hot air currents, which means that the air always stays fresh and free of dust. This makes life easier for people suffering from allergies.

Radiant heat keeps both people and structures warm – it works like solar radiation.



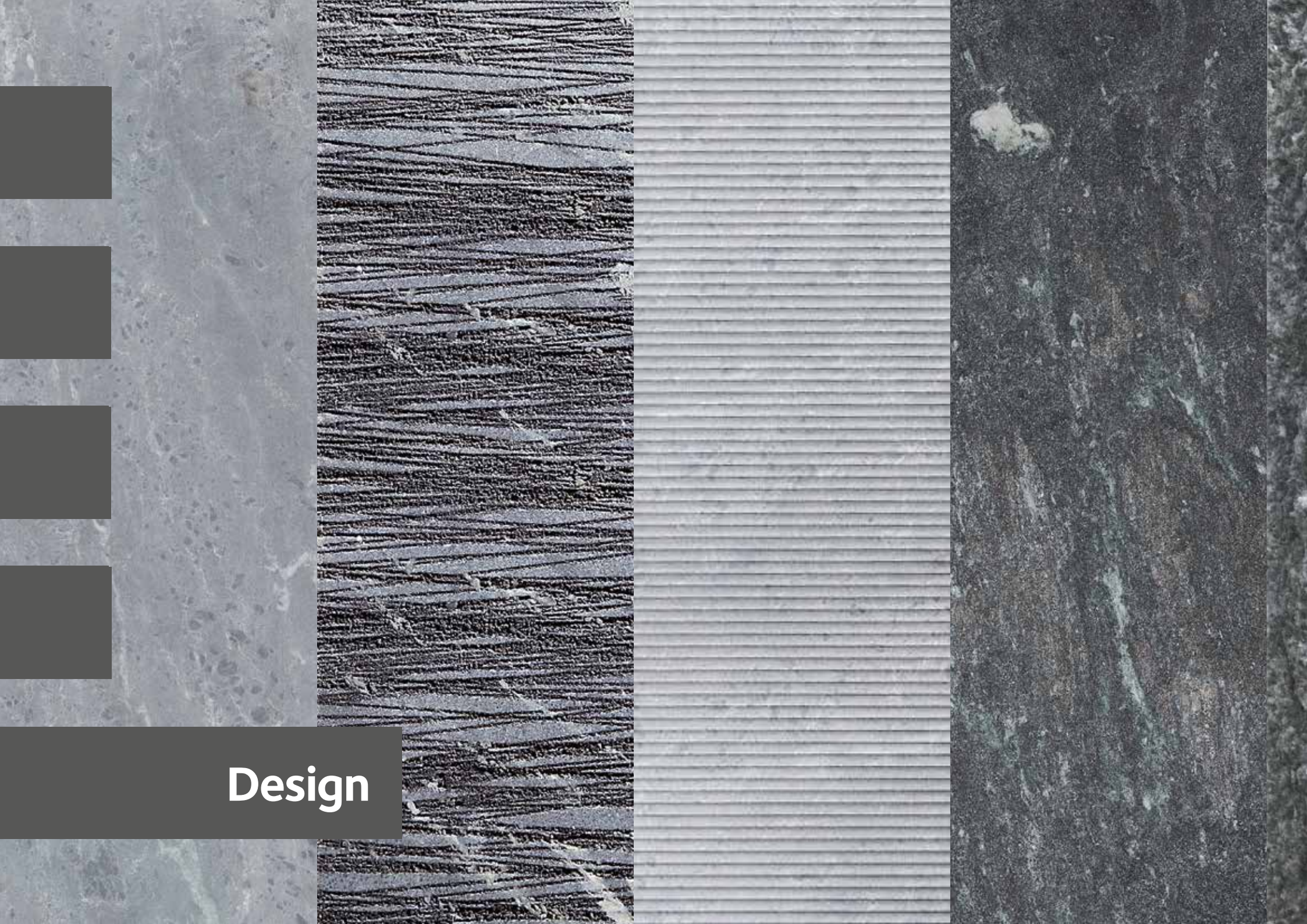
Cooking

”You can really taste the fire in the food.”

- Melania, Trento, Italy

Now you can have barbecues with your family and friends, even in the darkest winter months. In a Tulikivi heater, you can make tender roasts, crunchy pizzas, tasty casseroles, and delicious pastries. The wood and the smoke will give your delicacies a unique aroma – you can really taste the fire in the food.

Tulikivi cookware will help you prepare delicious meals right in your heater. Make the most of soapstone's excellent heating properties.



Design

Choosing among our new designs is not going to be easy...

Tulikivi's new Karelia collection offers a wide range of shapes and styles so you can create the effect you want in your space.

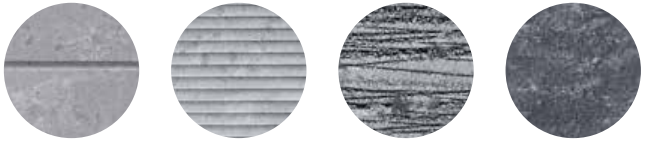
To maintain the purity of the lines, all the engineering is hidden inside the heater. The doors have increased in size so you can have a full view of the flames. For increased safety, they now close on their own and lock tight.

A selection of four different surfaces, left to right: Classic, Grafia, Rigata, Nobile and Naturel.


KOLI S CLASSIC 18

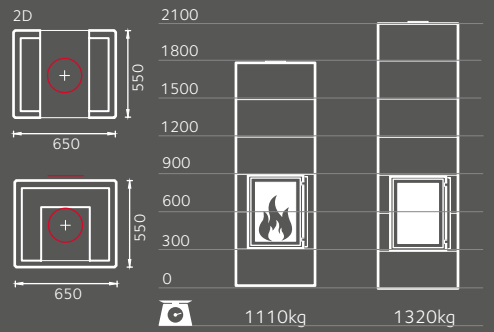
KOLI & KOLI S

Koli is the minimalistic sister of the Raita fireplace, characterised by its vertically oriented high door. The defined placement of the tiles, which follows the lines of the door, emphasises the gentle overall appearance of the fireplace. The surface cladding options are smooth, ribbed or water-cut Grafia and Nobile soapstone tiles. The modern door has a thin dark grey metal border and double glazing. The wider Koli soapstone masonry heater retains heat efficiently with its entire mass. The narrower Koli S fireplace retains heat in the soapstone mass around and above the door. There are three standard heights of the fireplace to choose from.



KOLI S GRAFIA 18

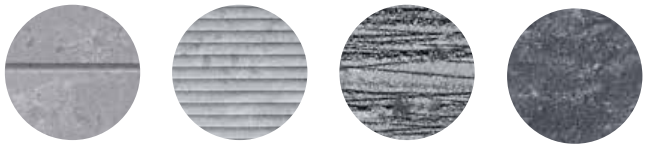
KOLI NOBILE 21




RAITA GRAFIA 21

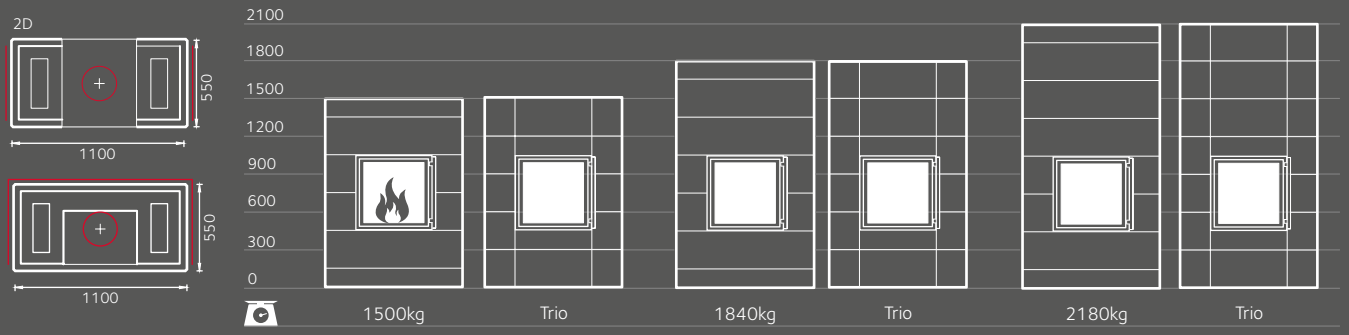
RAITA & RAITA S

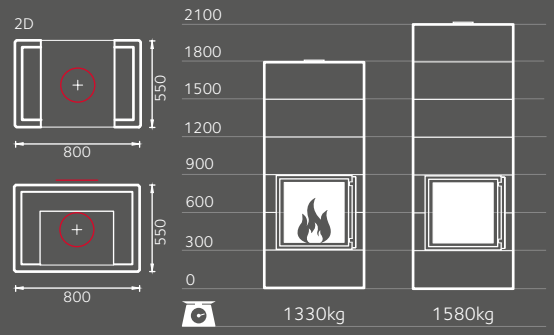
Raita is an elegantly modern soapstone masonry heater with no extra decorative touches. You can choose from the smooth, ribbed or water-cut Grafia and Nobile soapstone tiles for the surface of the fireplace. The large, square door is equipped with double glazing, which allows the heat to slowly and gently fill the room. The back of the door handle is made of wood.



RAITA RIGATA 15

RAITA S CLASSIC 18

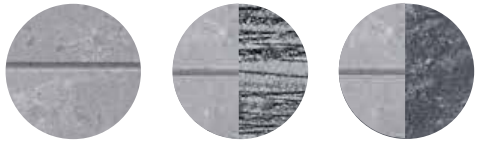





LAMPO S CLASSIC 18

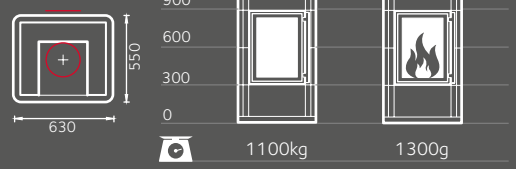
LAMPO & LAMPO S

The design of Lampo resembles the Salvo masonry heater. The vertical door emphasises its modern appearance. The rounded corners and the grouping of tiles varying in size provide a refined, ornamental look to the fireplace. The surface cladding can be implemented either by smooth soapstone overall or as a combination of smooth and ribbed soapstone surfaces. The ribbed surface is a water-cut, irregular, shiny Grafia surface. The different soapstone surfaces have been combined so that the front of the fireplace is covered from the top to the bottom with ornamental tiling running the width of the door. The wider Lampo model retains heat efficiently with its entire mass.



LAMPO CLASSIC 15

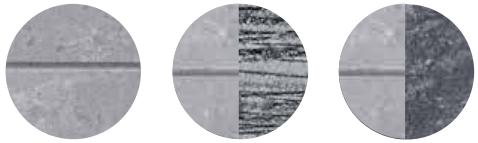
LAMPO S GRAFIA 21



SALVO S GRAFIA 18

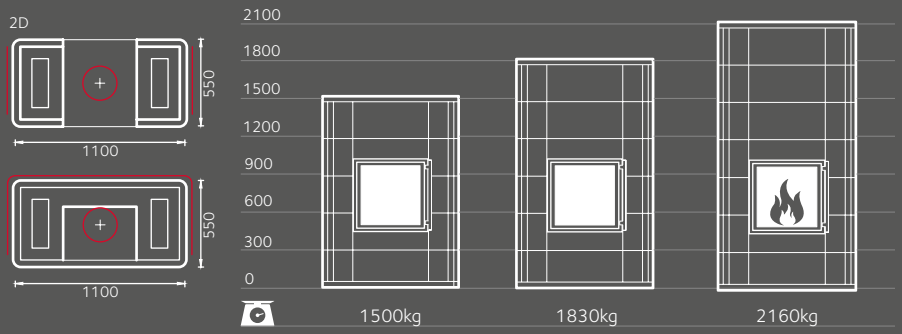
SALVO & SALVO S

The elegance of the Salvo soapstone masonry heater emerges from the harmonious placement of tiles and rounded corners. For the surface cladding you can choose between classically smooth soapstone or a combination of smooth and ornamental tiling. The modern square door provides a magnificent view of the fire. For the front of the Salvo fireplace you can choose ornamental tiling both above and under the door, where the result is achieved through the refined combination of various soapstone surfaces. The irregular Grafia patterns, designed to bring out the glittering aspects of the stone, are used in the ornamental tiling.



SALVO S CLASSIC 18

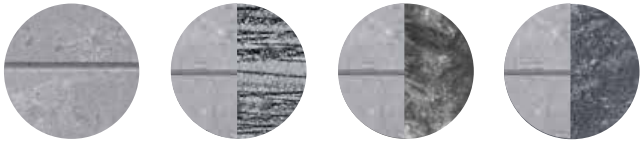
SALVO NOBILE 21



KELVA S GRAFIA 18

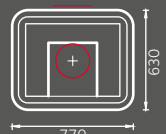
KELVA S

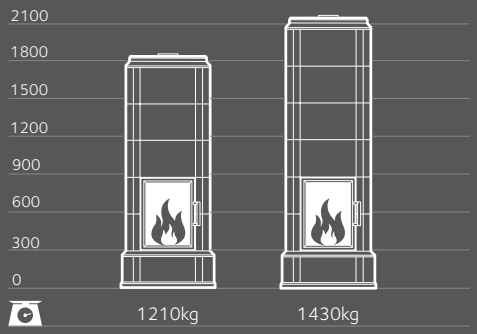
The design of Kelva S resembles the nostalgic barrel oven, just like Laivo S. The upper section of the fireplace narrows and is topped off with chiselled trimming. The rounded edges and protruding base soften the appearance of this masonry heater. The placement of the tiles is aligned with the high, vertically oriented door. The narrow tiles running on both sides of the door can be replaced with a stylish trim by selecting a soapstone surface that has been treated in different ways. The narrower Kelva S fireplace retains heat in the mass around and above the door. Two standard heights of the fireplace are available.



KELVA S CLASSIC 18

KELVA S NATURAL 21

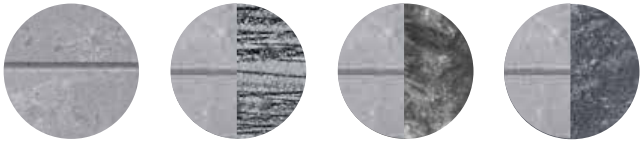




LAIVO S CLASSIC 18

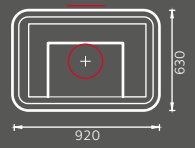
LAIVO S

The appearance of Laivo S has been influenced by the nostalgic barrel oven. The upper section of the fireplace narrows and is topped off with chiselled trimming. The rounded edges and protruding base soften the appearance of the soapstone fireplace. The large square door plays the leading role and its light grey cast iron border frames the fire beautifully. The narrow tiles running on both sides of the door can be replaced with a stylish trim by selecting a soapstone surface that has been treated in different ways. The narrower Laivo S fireplace retains heat in the mass around and above the door.



LAIVO S GRAFIA 18

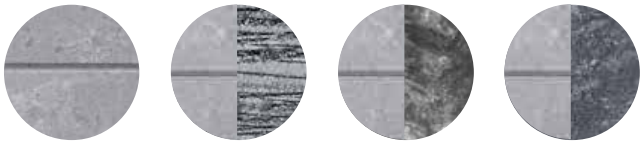
LAIVO S NATURAL 21




OTRA NATURAL 18

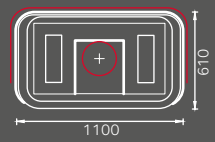
OTRA

Otra shares a common design with the Akko masonry heater. The narrower Otra fireplace is equipped with a high, vertically oriented door. The protruding decorative trim and rounded corners at the top and base lend a feeling of old-world elegance and atmosphere. The placement of the tiles has been designed so that decorative trim can be placed on the tile rows running on both sides of the door by using surfaces that have been treated in different ways, such as the naturally cut or water-cut soapstone. The efficiently heat-retaining fireplace is available in three heights.



OTRA CLASSIC 18

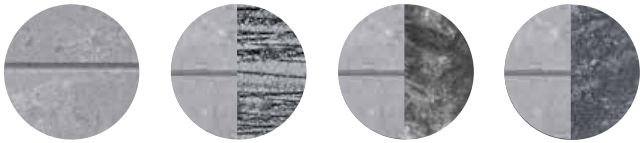
OTRA GRAFIA 21




AKKO CLASSIC 18

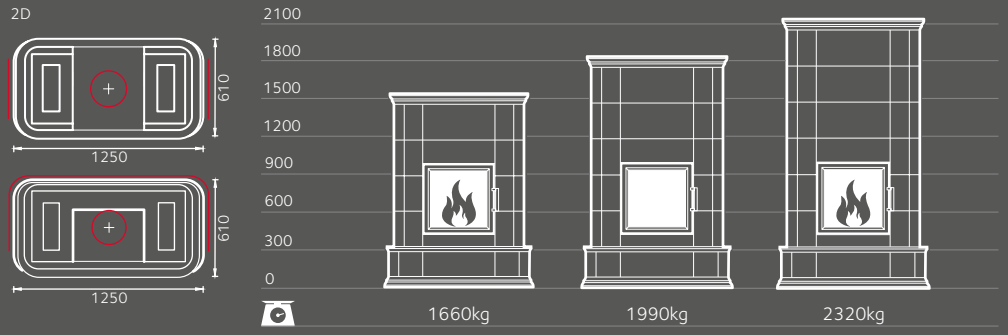
AKKO

The handsome AKKO soapstone masonry heater introduces a freshly updated old-world atmosphere to your home. The protruding decorative trim and rounded corners at the top and at the base lend their own appearance to the fireplace. The large square door provides a magnificent view of the fire. The surface is either completely or mostly covered with smooth soapstone. The tiles on both sides of the door can be replaced with decorative trim by choosing a surface that has been treated in different ways, such as the split Natural soapstone or water-cut Grafia or Nobile surface. The efficiently heat-retaining fireplace is available in three heights.



AKKO NOBILE 15

AKKO NATURAL 21



MODEL	DIMENSIONS					HEATING TECHNOLOGY								OPTIONS		FLUE CONNECTION		
	Page	Energy Class A+	Weight (kg)	External dimensions (baseplate) width/depth/height (mm)	Dimensions of firebox lengte/breedte (mm)	Max amount of wood/ heating (kg)	Max amount of pellets/ heating (kg)	Stored energy (kWh)	Heat release (h) 100%	50%	25%	Clearance to combustibles Back (uninsulated) (mm)	Clearance to combustibles Side (uninsulated (mm)	W10	Electrical elements	Diameter ∅	A (mm)	B
KOLI 15	18-19	A+	1340	950/550/1500	320/345	10,0	8,3	35,1	6,0	20,4	32,8	20 (100)	50 (100)	o	o	150...210	360	
KOLI 18	18-19	A+	1640	950/550/1800	320/345	13,0	10,4	45,4	6,9	23,0	38,5	20 (100)	50 (100)	o	o	150...210	360	
KOLI 2D 18	18-19	A+	1610	950/550/1800	320/490	11,7	10,0	41,0	8,0	26,0	45,2	-	50 (100)	x	o	150...210	360	
KOLI S 18	18-19	A+	1110	650/550/1800	320/345	8,0	6,7	27,2	5,0	20,0	32,0	20 (150)	50 (150)	x	x	150...210		1600
KOLI 21	18-19	A+	1920	950/550/2100	320/345	16,0	12,5	57,6	8,0	26,0	45,1	20 (100)	50 (100)	o	o	150...210	360	
KOLI 2D 21	18-19	A+	1890	950/550/2100	320/490	14,3	12,0	50,0	8,0	26,0	45,2	-	50 (100)	x	o	150...210	360	
KOLI S 21	18-19	A+	1320	650/550/2100	320/345	10,0	8,3	34,0	5,0	20,0	32,0	20 (150)	50 (150)	x	x	150...210		1900
RAITA 15	20-21	A+	1500	1100/550/1500	470/345	12,0	10,0	41,9	6,1	18,1	28,8	20 (100)	50 (100)	o	o	150...210	360	
RAITA 18	20-21	A+	1840	1100/550/1800	470/345	15,5	12,8	54,3	7,0	20,0	34,0	20 (100)	50 (100)	o	o	150...210	360	
RAITA 2D 18	20-21	A+	1780	1100/550/1800	470/490	13,0	10,8	45,0	6,6	22,2	39,4	-	50 (100)	x	o	150...210	360	
RAITA S 18	20-21	A+	1330	800/550/1800	470/345	10,0	83	34,0	5,0	20,0	32,0	20 (250)	50 (150)	x	x	150...210		1600
RAITA 21	20-21	A+	2180	1100/550/2100	470/345	19,0	15,5	67,7	8,0	23,0	41,0	20 (100)	50 (100)	o	o	150...210	360	
RAITA 2D 21	20-21	A+	2020	1100/550/2100	470/490	17,0	14,1	59,0	6,6	22,2	39,4	-	50 (100)	x	o	150...210	360	
RAITA S 21	20-21	A+	1580	800/550/2100	470/345	12,0	10,0	40,8	5,0	20,0	32,0	20 (250)	50 (150)	x	x	150...210		1900
LAMPO 15	22-23	A+	1360	950/550/1545	320/345	10,0	8,3	35,1	6,0	20,4	32,8	20 (100)	50 (100)	o	o	150...210	360	
LAMPO 18	22-23	A+	1650	950/550/1845	320/345	13,0	10,4	45,4	6,9	23,0	38,5	20 (100)	50 (100)	o	o	150...210	360	
LAMPO S 18	22-23	A+	1100	630/550/1845	320/345	8,0	6,7	27,2	5,0	20,0	32,0	20 (150)	50 (150)	x	x	150...210		1600
LAMPO 21	22-23	A+	1950	950/550/2145	320/345	16,0	12,5	57,6	8,0	26,0	45,1	20 (100)	50 (100)	o	o	150...210	360	
LAMPO S 21	22-23	A+	1300	630/550/2145	320/345	10,0	8,3	41,0	5,0	20,0	32,0	20 (150)	50 (150)	x	x	150...210		1900
SALVO 15	24-25	A+	1500	1100/550/1545	470/345	12,0	10,0	41,9	6,1	18,1	28,8	20 (100)	50 (100)	o	o	150...210	360	
SALVO 18	24-25	A+	1830	1100/550/1845	470/345	15,5	12,8	54,3	7,0	20,0	34,0	20 (100)	50 (100)	o	o	150...210	360	
SALVO 2D 18	24-25	A+	1800	1100/550/1845	470/490	13,0	10,8	45,0	6,6	22,2	39,4	-	50 (100)	x	o	150...210	360	
SALVO S 18	24-25	A+	1320	780/550/1845	470/345	10,0	8,3	34,0	5,0	20,0	32,0	20 (250)	50 (150)	x	x	150...210		1600
SALVO 21	24-25	A+	2160	1100/550/2145	470/345	19,0	15,5	67,7	8,0	23,0	41,0	20 (100)	50 (100)	o	o	150...210	360	
SALVO 2D 21	24-25	A+	2140	1100/550/2145	470/490	17,0	14,1	59,0	6,6	22,2	39,4	-	50 (100)	x	o	150...210	360	
SALVO S 21	24-25	A+	1570	780/550/2145	470/345	12,0	10,0	40,8	5,0	20,0	32,0	20 (250)	50 (150)	x	x	150...210		1900
KELVA S 18	26-27	A+	1210	690(770)/550(630)/1890	320/345	8,0	6,7	27,2	5,0	20,0	32,0	20 (150)	50 (150)	x	x	150...210		1600
KELVA S 21	26-27	A+	1430	690(770)/550(630)/2190	320/345	10,0	8,3	34,0	5,0	20,0	32,0	20 (150)	50 (150)	x	x	150...210		1900
LAIVO S 18	28-29	A+	1440	840(920)/550(630)/1890	470/345	10,0	8,3	34,0	5,0	20,0	32,0	20 (250)	50 (150)	x	x	150...210		1600
LAIVO S 21	28-29	A+	1690	840(920)/550(630)/2190	470/345	12,0	10,0	40,8	5,0	20,0	32,0	20 (250)	50 (150)	x	x	150...210		1900
OTRA 15	30-31	A+	1500	950(1100)/550(610)/1635	320/345	10,0	8,3	35,1	6,0	20,4	32,8	20 (100)	50 (100)	o	o	150...210	360	
OTRA 18	30-31	A+	1790	950(1100)/550(610)/1935	320/345	13,0	10,4	45,4	6,9	23,0	38,5	20 (100)	50 (100)	o	o	150...210	360	
OTRA 21	30-31	A+	2090	950(1100)/550(610)/2235	320/345	16,0	12,5	57,6	8,0	26,0	45,1	20 (100)	50 (100)	o	o	150...210	360	
AKKO 15	32-33	A+	1660	950(1250)/550(610)/1635	470/345	12,0	10,0	41,9	6,1	18,1	28,8	20 (100)	50 (100)	o	o	150...210	360	
AKKO 18	32-33	A+	1990	950(1250)/550(610)/1935	470/345	15,5	12,8	54,3	7,0	20,0	34,0	20 (100)	50 (100)	o	o	150...210	360	
AKKO 2D 18	32-33	A+	1960	950(1250)/550(610)/1935	470/490	13,0	10,8	45,0	6,6	22,2	39,4	-	50 (100)	x	o	150...210	360	
AKKO 21	32-33	A+	2320	950(1250)/550(610)/2235	470/345	19,0	15,5	67,7	8,0	23,0	41,0	20 (100)	50 (100)	o	o	150...210	360	
AKKO 2D 21	32-33	A+	2300	950(1250)/550(610)/2235	470/490	17,0	14,1	59,0	6,6	22,2	39,4	-	50 (100)	x	o	150...210	360	

x = not possible | o = on order

Additional technical information on the technical table and plans:

S- & T-Models can be connected from the top or back(above), except the 15 models that only can be connected from below.

Weight (kg): Soapstone is a natural product, so weight may vary.

Maximum load per firing (kg): The maximum amount of wood or pellets that can be burnt per firing, as specified in the operating manual. It may require one or more reloads. 1 kg Pellet is ca. 1,5 L

Stored energy (kWh): The amount of heat energy stored in a heater after being fired with the maximum amount of wood.

Rated power is an average power of the stove, which is calculated by burning up to 25% heating power.

Heat release time as a percentage of the maximum power (h)

Electrical elements: In the chart, those models marked with ❶ can be equipped with electric elements (2.0 kW / 10 A) as an option.

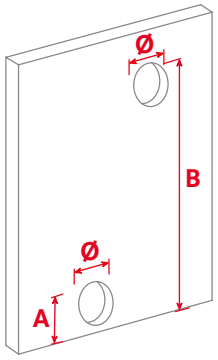
W10 Water-heat exchanger system

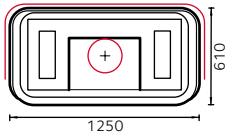
Flue recommendation: Connection combustion air (pipe diameter 150 mm): Combustion air from outside is standard in these fireplaces. Combustion air from inside with an air intake is available as an option.

Optional base plate increases the indicated size by 45 mm.

Technical changes: The manufacturer reserves the right to make any technical changes or improvements to the products in this catalog after it has gone into print. Local regulations in certain countries may stipulate changes to the place of installation, accessories and flue connector of the masonry heaters in this catalog. A hearth protection made of a non-combustible material must be placed in front of a heater. Country-specific, regional and local regulations must be followed when determining clearance to combustibles. Soapstone is a natural material which characteristically exhibits slight variations in color and pattern. The product images displayed in this catalog may not completely match the delivered product.

A: From floor to top edge of the chimney connection (mm)
B: From floor to top edge of the chimney connection (mm)





Inches to millimeters equivalents (rounded)	
1/4 = 5mm	3 7/8 = 100mm
3/8 = 10 mm	7 7/8 = 200 mm
3/4 = 20 mm	11 3/4 = 300 mm
1 3/8 = 30 mm	15 3/4 = 400 mm
1 5/8 = 40 mm	19 5/8 = 500 mm
2 = 50 mm	23 5/8 = 600 mm
2 3/8 = 60 mm	27 1/2 = 700 mm
2 3/4 = 70 mm	31 1/2 = 800 mm
3 1/8 = 80 mm	35 3/8 = 900 mm
3 1/2 = 90 mm	39 3/8 = 1000 mm

Pounds - Kilograms	Btu - kWh
22 lbs = 10 kg	136,000 = 40 kWh
44 lbs = 20 kg	171,000 = 50 kWh
66 lbs = 30 kg	205,000 = 60 kWh
88 lbs = 40 kg	239,000 = 70 kWh
110 lb = 50 kg	**Square Feet - Sq.meters**
220 lbs = 100 kg	430 ft² = 40 m²
1,100 lbs = 500 kg	540 ft² = 50 m²
2,200 lbs = 1000 kg	650 ft² = 60 m²
4,400 lbs = 2000 kg	750 ft² = 70 m²
6,600 lbs = 3000 kg	860 ft² = 80 m²

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