

Fireplaces

Your home deserves to be warm and cosy. Imagine the welcoming warmth as soon as you get home, a delight for the body and the soul. Not overwhelming, but radiating imperceptibly, energising you. We call this Comfortable Warmth. Tulikivi's Comfortable Warmth is not just about the thermal energy created in the efficient Tulikivi whirlbox and retained in the soapstone – it is also innovative technology from Tulikivi that guarantees top-rated energy efficiency, and the modern and adaptable fireplaces are a delight to anyone with an eye for interior design.





Pure soapstone

The soapstone from Tulikivi's quarries is renowned for its high quality. Soapstone is of volcanic origin and extremely dense $(3,000 \text{ kg/m}^3)$. It contains talc, magnesite and chlorite.

Tulikivi's soapstone stores 2.5 times more heat than brick and releases the heat slowly into its surroundings.

Tulikivi's soapstone:

- conducts heat 8-9 times more effectively than other materials used in similar heating systems
- heats up quickly and withstands heat shock
 - acid and alkali resistant
 - reliable and durable
- no health risk, heats safely and does not cause burn injuries due to the lime within the stone
- antistatic and easy to keep clean, as lime prevents absorption of difficult stains
 - tested by international laboratories*
 - * Tulikivi is the only fireplace manufacturer that has its stone tested regularly at the Rosenheim Institute of Construction Biology and Ecology.
 - ideal slow-release heat storage solution



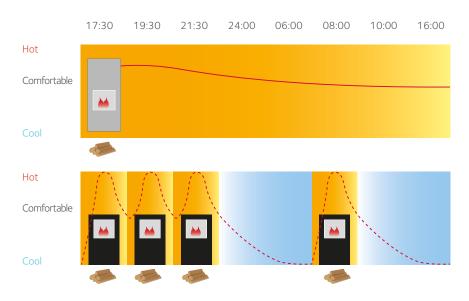
Counterflow principle

All Tulikivi heat retaining fireplaces function by the counterflow principle, so named because of the direction of flow of the hot flue gases inside the Tulikivi fireplace. This enhances the efficiency in which the heat is recovered from the hot gases and transferred into the stone. The flames rise from the firebox to the upper combustion area and then to the side channels, where the thermal energy is transferred to the body of the fireplace before the gases later exit either from the base of the fireplace, or, for some models, out of the top and then into the flue or chimney. The counterflow principle guarantees high efficiency, clean combustion and low – and therefore safe – flue temperatures.

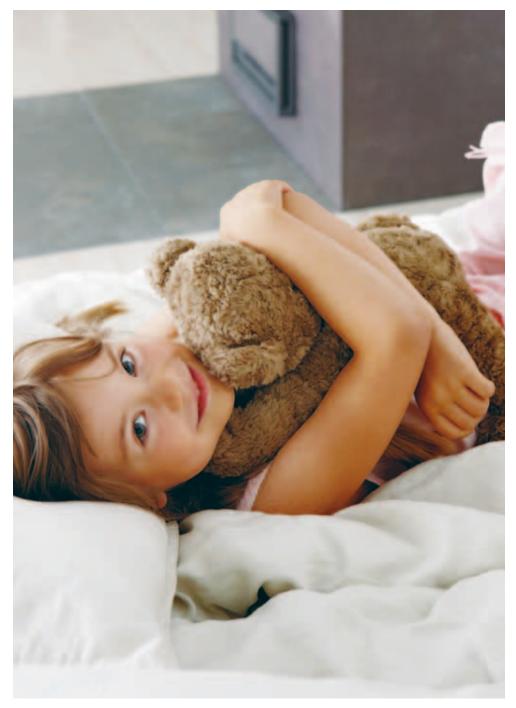


Clean combustion that doesn't waste firewood

The technical properties of soapstone as a heat retaining material cannot be beaten. The counterflow principle Tulikivi applies in its fireplaces and the firebox solutions it has developed guarantee clean combustion and high efficiency. The energy from firewood is put to the very best use and will not go to waste. Flue temperatures remain low, which means that the heat is retained in the stone and not lost. This also means that Tulikivi heat is safe to the touch.



How many times a day do you want to light your fireplace? Here's a comparison of room temperatures using different heating devices: in one case a Tulikivi fireplace and in the other case an ordinary heater. The right choice of Tulikivi fireplace will emit a very pleasant radiant heat that keeps you warm for twenty-four hours.



What is Comfortable Warmth?

Amazing

Tulikivi's soapstone fireplaces store the heat from the fire and release it slowly and softly into the home.

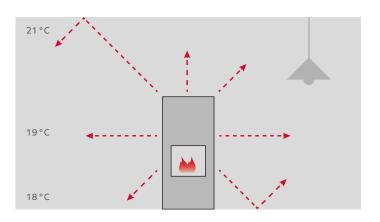
Eco-friendly

The innovative Tulikivi Green technology optimises the heat and uses it efficiently, leaving behind nothing more than lower with fuel bills.

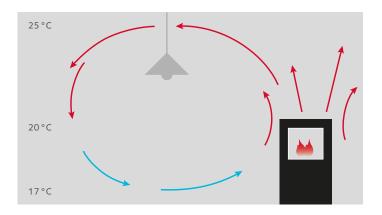
Beautiful

With an elegantly simple design and surfaces that can be modified, a Tulikivi fireplace will always look right in your home.





The soft radiant heat of a Tulikivi fireplace spreads evenly in the whole room and gently warms people and objects. When you are heating with radiant heat, the room doesn't reach extreme temperatures as it does with a wood stove, instead the air remains fresh and easy to breathe. Temperatures on the scheme are only indicative.



The convection heat of a traditional wood stove rises towards the ceiling and is concentrated around the stove. The heat is not retained in anything, but escapes through the chimney.

The stove has very poor heat retention properties which normally results in overheating of the room, which in inefficient and wasteful. Once the stove cools the room will also rapidly become less cosy. Temperatures on the scheme are only indicative.

Radiant heat and wellbeing

Warmth alone is not enough for continuous wellbeing. The heat that is slowly released from Tulikivi's heat retaining fireplaces is called radiant heat. In this form, the air moves 2–4 times more slowly than in conventional convection heating. Thanks to the even heat, hot surfaces like metal do not get dusty, which means that the air is cleaner and easier to breathe. A gentle, even heat that is less oppressive and more cosy will help keep us healthy and active.









Hiisi

A favourite with Interior Designers, the Hiisi fireplace brings soapstone into the 21st century. The compact design and uncluttered lines make the Hiisi ideal for the modern home. The elegantly simple look of the fireplace even extends to having no visible air intakes or sweeping hatches. The low emission Hiisi is a hybrid fireplace that burns both wood and pellets without the use of electricity storing heat in the soapstone and slowly releasing it to give a soft, comfortable warmth that feels good.







Hiisi 4

A favourite with interior design journalists, the Hiisi fireplace brings soapstone into the 21st century. Its graceful design and uncluttered lines make the Hiisi ideal for the modern home. The elegantly simple look of the fireplace even extends to having no visible air intakes or sweeping hatches. The low emission Hiisi is a hybrid fireplace that burns both wood and pellets, storing heat in the soapstone and slowly releasing it to give a soft, comfortable warmth that feels both cosy and welcoming.







Hiisi 5

Its smoothly finished soapstone gives the Hiisi 5 fireplace a stylishly composed look. The model comes with a large double glazed door as standard, which allows the flames in the firebox to be seen in their full glory. The handle is an integral part of the door's lower edge, stylishly recessed so as to be flush with the surface of the door.





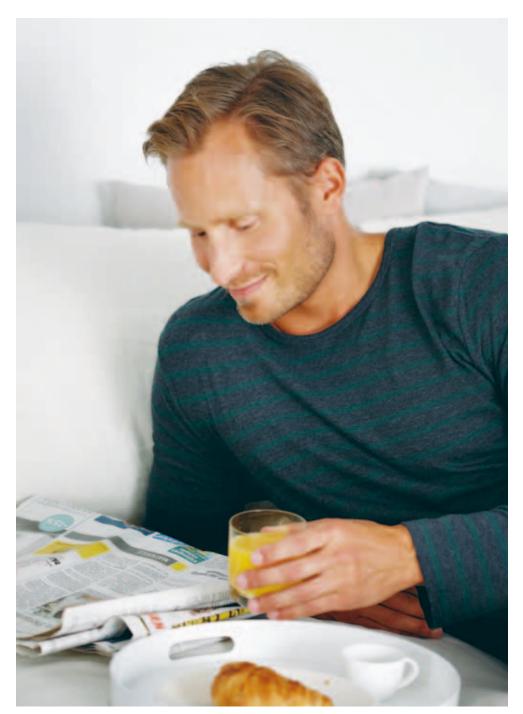




Aalto 2

The new Aalto fireplace is part of Tulikivi's popular Hiisi product range. The Aalto is an interior designer's dream: its undulating surface can be coloured a tone that matches the room — using a "Tulikivi Color" coating.







Kide 2

This Tulikivi Figure surface gives a personal touch to the home, and you can adjust the mood by altering the direction and strength of the lighting. The more angled the lighting, the clearer the surface pattern.





Valkia and Valkia HSI

The Valkia is a stylish hybrid (wood and pellet) fireplace that brings together efficient heating technology and interior design adaptability. The carefully considered horizontals bring rhythm to the design, and the natural stone surface can be either smooth or ribbed. You may choose a single door design or one with a door on both sides, allowing the Valkia to function as a space divider.









Pahta/F

The narrow and high door of the Pahta fireplace offers a beautiful view of the fire. Skillfully crafted hewn soapstone rock pillars accentuate Pahta's unique look.





Sarmi/C and Silo/C

A simple design that fits many different interior styles. The Sarmi/C fireplace has a high door that brings the atmosphere of the fire into the room. The Sarmi fireplaces are massive, making them very effective heating appliances, with a modern and familiar design. The stylish maintenance door means that ash removal is no problem. The Silo/C is a compact fireplace and a great choice for low energy houses, for example.







Traditional fireplaces
Traditional fireplace models with a bay window style double doors bring the fire beautifully into view, and the narrow mantel shelves allow space for a few ornaments. These models have a reputation for their high heat output and offer cosiness and style, which also makes them ideal for holiday homes.











KTU 1010/92 and TU 2200
The KTU 1010/92 corner fireplace is a handy source of heat and atmosphere for smaller spaces.

The TU 2200 fireplace has a simple design with practical beauty. It is an elegant fireplace and an efficient source of heat.







TTU 2700/4 and TTU 2700/5

The TTU 2700 is both large and impressive and offers a host of functions. The firebox door is on both sides, which makes the TTU 2700/5 a great space divider between a sitting room and dining room. Its large bakeoven is great for baking and cooking.











TLU 2000/91 and LLU 1250

The modern and simple TLU 2000/91 fireplace/bakeoven offers baking features and heating power to satisfy even the most demanding users. The bakeoven door is above the firebox door. The compact bakeoven has rounded corners and combines the properties of an efficient oven and warming fireplace. There is 2100 kg of heat retaining soapstone.

The LLU 1250 is ideal for those who love to cook and a wonderful source of heat. When the fireplace is connected to two flues, the bakeoven and the cooktop can be used at the same time.







What makes up the Comfortable Warmth produced by design fireplaces?

Tradition

Soapstone, a unique natural material, emits a soft and appealing heat into the room.

Technology

The integrated air regulation system regulates the air inlet automatically and allows clean burning and easy use.

Beauty

An elegantly simple design and large firebox door create a thoroughly modern look.



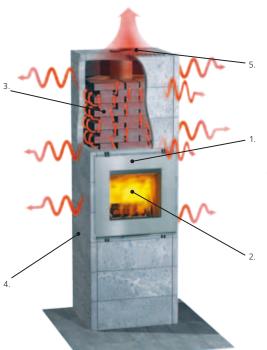




The solution when intermittent use and rapid heating is required

As soon as the fireplace has been lit, its heat spreads rapidly in the ambient air of a room and when the stone are hot, it continues to provide gentle radiant heat for few hours after the fire has died out. For even greater heat storage capacity, there are several models where it is possible to add an additional soapstone, or even 250 kg in the Nietta i22 and i23 (see technical table).

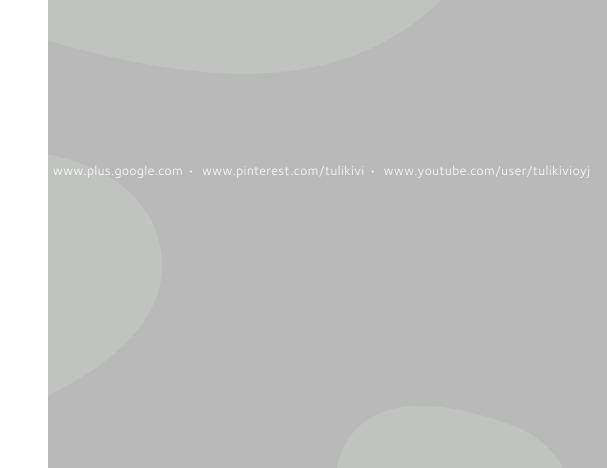
Tulikivi fireplaces are equipped with an efficient fireplace insert that provides efficient and clean combustion. This new generation insert fitted with an automatic control system which optimally adjusts the combustion air supply throughout the combustion process.



- Door opens to the top or to the side.
 (depends on model)
- 2. Automatic air control system maximises efficiency and ensures clean combustion.
- 3. Additional mass can be added for greater heat storage.
- 4. The soapstone panels store heat and distribute it by radiation.
- 5. The heat is distributed rapidly through the top surface after the fire has been lit.



Tulikivi is made up of the Tulikivi Corporation, which is a listed family enterprise, and its subsidiaries. Tulikivi is the world's largest manufacturer of heat retaining fireplaces. The company has three product groups: Fireplaces, Sauna and Interior. Tulikivi and its customers value wellbeing, interior design and the benefits of bioenergy. The company's net sales are approximately EUR 60 million, of which exports account for half. Tulikivi employs around 400 people.



MODEL		DIMENSIONS				HEATING TECHNIQUE						CHIMNEY				
	Page	Weight	External dimensions width/ depth/	Dimensions of the fireplace firebox width/	Dimensions of the bakeoven firebox width/	Maximum amount of woodper	Efficiency	Stored energy	Recommen- ded heating area	Electrical elements	Option: Gre	al extra een	Recommended flue (mm)	Height of con- nection pipe (mm)	Bottom flue connec-	Top flue connec- tion
		(kg)	height (mm)	depth (mm)	depth (mm)	heating session	(%) P	(kWh) P	(m²)		P10	W10	\varnothing	$\bigcirc \updownarrow$	tion	O
						(kg) P										
					•											
HIISI 2	10	1070	610/610/1680	295/400	-	8,1 7	81 80	29 26	30-50	-	•	-	150	1400	-	•
HIISI 4	14	1280	850/610/1440	295/400	-	9,6 8,2	89 87	43 39	30-70	-	•	0	150180	300	•	0
HIISI 5	16	1310	850/610/1485	295/400	-	9,6 8,2	89 87	43 39	30-70	-	•	0	150180	300	•	0
AALTO 2	18	900	610/610/1680	295/400	-	8,1 7	81 80	29 26	30-50	-	•	-	150	1400	-	•
KIDE 2	21	900	610/610/1680	295/400	-	8,1 7	81 80	29 26	30-50	-	•	-	150	1400	-	•
VALKIA, VALKIA HSI	22	1520	1080/500/1530	360, 520/270	-	15	84	55	30-90	0	0	0	150180	345	•	0
PAHTA/F	24	1840	990/570/1770	360/270	-	20	87	75	40-120	0	0	0	150180	345	•	0
SARMI/C	26	1970	1080/545/1770	360/270	-	20	87	75	40-120	0	0	0	150180	345	•	0
SILO/C	27	1250	900/490/1530	360/270	-	13	85	48	30-70	0	0	0	150180	345	•	0
TU 1237/51	28	1450	900/585/1650	360/310	-	12	78	41	40-90	0	-	-	175210	300	•	0
HARMAJA/R	29	930	780/570/1260	290/365	-	8,5	72	26	20-50	-	-	-	150210	300	•	0
KTU 1337/91	29	1560	1020/838/1650	360/310	-	12,8	79	43	40-90	0	-	-	175210	300	•	0
TU 2200	30	1840	1020/600/1530	400/365	-	13,8	87	53	40-100	0	0	-	175210	300	•	0
KTU 1010/92	31	1120	1060/748/1260	310/245	-	12	82	44	30-60	0	0	-	150210	300	•	0
TTU 2700/5	32	3040	1020/750/2130	400/630	420/435	21,6	78	74	60-130	0	-	-	175210	300	0	•
TTU 2700/4	33	2580	1020/750/1830	400/365		21,6	79	74	50-110	0	-	-	175210	300	0	•
NORVA	34	1570	900/605/1770	360/270	340/310	17,5	82	60	20-70	0	0	-	150180	345	•	-
TLU 2000/91	36	2100	930/750/1650	370/305	390/465	17,6	80	61	40-100	0	0	-	175210	300	•	-
LLU 1250	37	1370	1080/ 660/915	-	390/435	15	65	51	40-80	-	-	-	140270	180	•	-
- fireplace	-	-	-	195/435	-	2/h	-	Nominal output (kW)	-	-	-	-	150	-	-	-
KAIRA 2	38	460	560/560/1515	335/180	-	2/h	81	4,5	40-120	-	-	-	150	1430	-	•
KAITA i20	42	545	630/540/1470	347/320	-	2,4/h	84	4,5	40-120	-	-	-	150	1000	-	•
NIETTA i23	42	700	840/540/1470	550/316	-	3/h	79	6,4	50-150	-	-	-	150	1000	-	•

ADDITIONAL INFORMATION ON THE TECHNICAL TABLE:

Stone: The soapstone used in all of our models comes from Tulikivi's quarries in Finland. **Weight:** Soapstone is a natural stone with variations in its weight. Therefore the weight specifications are approximate values.

Maximum amount of wood (kg): The maximum amount of wood that can be used in a single heating session, as specified in the operating manual. Note: in lightweight fireplaces, the maximum amount of wood is kg/hour.

Stored energy (kWh): The amount of energy stored in a fireplace during a single heating session using the amount of wood specified in the operating manual.

Room area (Sq.Feet): The room area which can be heated with the fireplace (guidance value). The area to be heated depends on several factors, e.g. the geographic location of the building, the location of the fireplace in the room as well as the physics of the building (constructions and insulations used, thickness of insulation, window area in the room etc.).

For lightweight fireplaces the room size recommended for installation is specified. Since the specified value is a guidance value, the size and location of the fireplace and its suitability for the room should always be discussed with your Tulikivi distributor.

Electric element: In the chart, Tulikivi fireplaces and bakeovens marked with can be fitted with electric elements (2.0 kW /10 A) as an option.

Clearances to combustibles: please consult your dealer.

Technical changes: The manufacturer reserves the right to make any technical changes or improvements to the products in this catalogue after it has gone into print. The accessories in the images, such as hearth tiles, benches, pedestals and shelves, are not included in a standard delivery. Local regulations in certain countries may stipulate changes to the place of installation, accessories and flue connector of the fireplaces in this catalogue. A hearth protection made of a non combustible material must be placed in front of a fireplace. 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 colour and pattern. The product images displayed in this catalogue may not completely match the delivered product.

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It's such a cold, cold world.







