

Masonry heaters Genuine soapstone stoves



Why own a *Norsk Kleber* stove?

Indulge in enduring warmth and comfort in your home.

Enjoy up to 12 hours of cozy radiant heat from our authentic soapstone stove.

Exceptional soapstone stoves.

A fusion of warmth and style. Our natural soapstone stoves last for generations.

Enhances your living space with a cozy atmosphere.

The long-lasting radiant heat reduces the need for frequent pellet or wood refills.

The efficiency and cleanliness of an oven can be measured by how much heat it transfers to the room compared to how much is lost up the chimney. This is determined by the difference between the combustion temperature and the exhaust gas temperature.



Experience maximum fuel efficiency. Get more heat for your investment.

Safer to touch. Soapstone is naturally safe to touch, even when used frequently.

A healthier indoor environment. Breathe easy with our wood stoves that don't burn dust particles.

Creates a positive impact. The long-lasting heat reduces energy consumption and minimizes environmental impact.

Our ovens feature **innovative handles** made of sleek stainless steel and naturally air-cooled.

Micro-gasification technology for pellet burners



The pellet burner integrated into our stoves offers one of the cleanest possible ways to heat your dwelling. The technology is based on micro-gasification, also called pyrolysis. Such a pyrolysis technology has two distinct phases in the burning process. In the first phase, pellets are turned into charcoal by releasing the volatile gases from the pellets. During the second phase, at the top of the burner, the gas is burned with the help of fresh air. Thus, it creates a beautiful flame and ensures an exceptionally clean burn during the whole cycle. It keeps burning for about two hours.

Unique features

- Change between wood and pellets in seconds
- No electronics
- Ultra-low emission
- Noise free
- Radiant heat for over ten hours
- Over 90 % efficient heating
- No moving parts

Revolutionize your space with our hybrid stoves for stunningly clean burning and beautiful flames!



Burning with pellets

The pellet burner is underneath the vermiculite plate of the wood burner. To use the pellet option, first remove the vermiculite plate. Then fill the burner with pellets, light it from the top, close the door, and enjoy two hours of beautiful flames. The soapstone will accumulate heat and radiate pleasant warmth into your dwelling for up to 15 hours.



Burning with wood

When using wood as a fuel in our hybrid stoves, make sure the pellet burner is covered with the vermiculite plate. Simply put the wood logs on top of it and light them. Our wood combustion technology ensures a clean burn with a minimum of ashes and emissions, where all the wood is turned into flames and heat. The heat is absorbed into the stones and will be released as comfortable radiant heat for many hours after the fire is extinguished.



Our stoves are supplied with a rear flue outlet as standard (Ø125 mm). It is also possible to have a side flue (Ø125 mm) or top flue (Ø 150 mm). For steel chimneys and top flues, we recommend using a telescopic solution for the chimney.

Babina+

The Babina models are among our classics, and their round, timeless shape suits virtually any interior. The combination of 8 cm thick stone and the direct conduction of the smoke to the stone means this stove has very good heat storage properties.

One load of wood alone gives 10 hours of pleasant heat. Due to the large storage battery, the stove can be fired continuously for many hours, giving a high output over many hours. Our most recent version,

the Babina+, with a high door, combines these amazing features with a good view of the flames. The cosiness of the flames and the radiating heat from a genuine soapstone stove create a sense of warmth.

Models are available with a grey door. Suitably shaped baseplates are also available for our Babina stoves. The photo shows a polished black granite plate. The baseplate elegantly highlights the play of colours in the stone.





BABINA+ 110

If a smaller model is required, but where the flames are still easily visible, the Babina+ 110 is a good choice.



BABINA+ 160

The Babina+ 160 stands at a height of 160 cm, giving it both a striking poise and good heat retention properties. Also available as a hybrid stove.



BABINA+ 185

At 185 centimetres, the Babina+ 185 is tall and stylish, and has a powerful heat storage reservoir. Also available as a hybrid stove.

BABINA+ 110

Output: 3-12 kW
 Log length: 30 cm
 D x W x H: 52,4 x 52,4 x 110 cm
 Height to centre of flue outlet: 95,3 cm
 Distance to combustibles, side/back: 40/35 cm
 Distance to firewall, side/back: 10/10 cm
 Weight: 385 kg
 A fresh-air duct can be connected to the stove (Ø=100)



More information

BABINA 160 / 185

Output: 3-12 kW
 Log length: 30 cm
 D x W x H: 54 x 54 x 160/190 cm
 Height to centre of flue outlet: 145,3/175,3 cm
 Distance to combustibles, side/back: 40/35 cm
 Distance to firewall, side/back: 10/10 cm
 Weight: 495/585 kg
 A fresh-air duct can be connected to the stove (Ø=100)



More information

Our Domino model series was designed by the renowned designer Ole Petter Wullum. The main idea behind the design is to produce clear, straight lines that contrast well with the soft, warm stone. The elegant and timeless design means that the DOMINO stove takes centre stage in any living room. As with all our stoves, the DOMINO provides a cosy heat, a good indoor climate and clean and efficient heating. The more stone you have above the combustion chamber, the more heat you can store. Our dealers can help you choose the model that is right for you.

Domino





DOMINO 2+2

Our model with two sections above and two sections below the combustion chamber is our bestseller in the series. It stands at a height of 125 cm and a width of 50 cm.



DOMINO 2+3

Our model with 3 sections above and 2 below the combustion chamber.



DOMINO 3+2

Our model with 2 sections above and 3 below the combustion chamber.

DOMINO 2+2 / 2+3 / 3+2

Output: 3–10 kW
 Log length: 30 cm
 Depth x Width: 35 x 50 cm all models
 All sections = 25 cm high
 Height to centre of flue outlet: 2+2=114 cm. *For more than one section, 25 cm is added per section*
 Distance to combustibles, side/back: 60/35 cm
 Distance to firewall, side/back: 30/10 cm
 Weight: 2+2=305 kg. *For more than one section, 50 kg is added per section*
 A fresh-air duct can be connected to the stove (Ø=100)



More information

Kristin+

Kristin+ with the crown.
The stove is well suited to larger
living rooms, and particularly
those with a high ceiling.





KRISTIN

The Kristin models are well suited for using in larger living rooms, particularly those with a high ceiling. Kristin is a variant of a very old model that Norsk Kleber began producing more than 100 years ago.

It resembles a traditional tile stove in many ways, except that our stove is made of soapstone. This aids the heat retention. The combustion chamber has of course been modernised. In 2018, we introduced a model with a large window, as shown above. This gives a better view of the flames. These models are available with or without a crown feature on top.

KRISTIN+ CROWN/FLAT TOP

Output: 3–12 kW

Log length: 30 cm

D x W x H: 54 x 54 x 225/216 cm

Height to centre of flue outlet: 200,3 cm

Distance to combustibles, side/back: 40/35 cm

Distance to firewall, side/back: 10/10 cm

Weight: 615 kg

A fresh-air duct can be connected to the stove (Ø=100)



More information

The Kube stove has classic clean lines, with a number of elegant features, such as the side windows that fit neatly in the stones without a steel frame. The Kube stove is available with or without side windows, as well as in different heights. Like all our stoves, the door is made of high-quality cast iron, which makes it robust and durable.

All of our Kube models are available with a grey door that matches the colour on the edges of the side windows. These side windows also have a double layer in order to ensure good combustion and to limit the heat radiation through the windows. Below you can see the Kube 3, which is our smallest model in this series.

Kube





KUBE 3

Our smallest model in the series is pictured here with side windows. Also available as a hybrid stove.



KUBE 4

The Kube 4 has a lot of stone above the combustion chamber and slightly less below. Also available as a hybrid stove.



KUBE 5

The Kube 5 has a high combustion chamber, giving a perfect view of the flames from anywhere in the room. Also available as a hybrid stove

KUBE 3 / 4 / 5

Output: 3-12 kW

Log length: 35 cm

D x W x H: 44 x 52 x 121/147/166 cm

Height to centre of flue outlet: 106,3/132,3/151,3 cm

Distance to combustibles w/ side windows, side/back: 60/15 cm

Distance to firewall w/ side windows, side/back: 30/10 cm

Distance to combustibles w/o side windows, side/back: 45¹/15 cm

Distance to firewall w/o side windows, side/back: 25¹/10 cm

Weight: 400/480/535 kg

A fresh-air duct can be connected to the stove (Ø=100)

A side screen plate is not standard and must be ordered separately.

When a screen plate is fitted, the distance can be reduced to:

¹ 10 cm to the stove, ² 15 cm to the stove



More information

Marcello

The stove has elegant details, such as the glass door that meshes almost seamlessly into the stone. The visible part is a glass plate that covers the entire front. Behind the solid front is high-quality cast iron that ensures stability in the door and the rest of the stove. This model is only available with a black door and can be supplied in different heights. For those who appreciate a large heat storage capacity, it is

also possible to move the combustion chamber down a level, as with the Marcello 100, in order to have more sections above.

The Marcello has thick stone, which enables good heat retention. One load of wood alone gives 10 hours of heat.





MARCELLO 100

At a height of just 100 cm, this is our smallest stove in the series.



MARCELLO 120

This model can be supplied with a high or low combustion chamber, depending on whether heat storage or a good view of the flames is more important. Also available as a hybrid stove.



MARCELLO 140

Our largest model in the series. This model has a large heat storage capacity. Also available as a hybrid stove.

MARCELLO 100 / 120 / 140

Output: 3–12 kW
 Log length: 30 cm
 D x W x H: 48 x 55 x 100 / 120 / 140 cm
 Height to centre of flue outlet: 84 / 104 / 124 cm
 Distance to combustibles, side/back: 45 / 40 cm
 Distance to firewall, side/back: 10 / 10 cm
 Weight: 345 / 407 / 469 kg
 A fresh-air duct can be connected to the stove (Ø=100)



More information



Merethe+

Our Merethe stoves have a combination of a rounded front and straight sides, with angled sides at the rear. This design gives the stoves a robust look.

Our Merethe+ models can be supplied with two, one or no side windows. The model with two side windows is best suited for placement against a straight wall, while models with only one side window or without any side windows work well in a corner or in close proximity to combustible material.





MERETHE+ 110

At a height of 110 cm, the Merethe+ 110 is a smaller model. It can be supplied with or without side windows.



MERETHE+

The Merethe+ has good heat storage capacity and a relatively high combustion chamber. The side windows sit nicely flush with the stone. Also available as a hybrid stove.

MERETHE+

Output: 3-12 kW
 Log length: 30 cm
 D x W x H: 50,5 x 49,5 x 160 cm
 Height to centre of flue outlet: 145,3 cm
 Distance to combustibles w/side windows, side/back: 65/35 cm
 Distance to firewall w/side windows, side/back: 40/10 cm
 Distance to combustibles w/o side windows, side/back: 40/35 cm
 Distance to firewall w/o side windows, side/back: 10/10 cm
 Weight: 435 kg
 A fresh-air duct can be connected to the stove ($\varnothing=100$)



More information

MERETHE+ 110

Output: 3-12 kW
 Log length: 30 cm
 D x W x H: 50,5 x 49,5 x 110 cm
 Height to centre of flue outlet: 95,3 cm
 Distance to combustibles w/side windows, side/back: 65/35 cm
 Distance to firewall w/side windows, side/back: 40/10 cm
 Distance to combustibles w/o side windows, side/back: 40/35 cm
 Distance to firewall w/o side windows, side/back: 10/ 10 cm
 Weight: 350 kg
 A fresh-air duct can be connected to the stove ($\varnothing=100$)



More information



Octo+

The Octo series is one of our classics. Together with the Babina, the basic Octo model was designed by Björn Hultén in the 1980s. Due to its octagonal shape, it not only has a 'mathematical' and calm beauty, but it is also very easy to place. It can stand against a straight wall, in the corner, between the living room and kitchen, or in fact anywhere, without losing any of its distinguished elegance. All of the Octo+ models are available with or without side windows, and with a grey door. The colour in the side windows is matched to the door colour.





OCTO+ 110

A small stove that gives a good view of the flames. Available with soapstone sides or with windows on one or both sides.



OCTO+ 160

The shape of this model and the position of the side windows enable a particularly good view of the flames. Also available as a hybrid stove.



OCTO+ 185

Our largest model in the Octo series with his 185 cm. Can be delivered with or without side glass. Also available as a hybrid stove.

OCTO+ 110

Output: 3-12 kW
 Log length: 30 cm
 D x W x H: 50 x 50 x 110 cm
 Height to centre of flue outlet: 95,3 cm
 Distance to combustibles w/side windows, side/back: 65/35 cm
 Distance to firewall w/side windows, side/back: 40/10 cm
 Distance to combustibles w/o side windows, side/back: 40/35 cm
 Distance to firewall w/o side windows, side/back: 10/10 cm
 Weight: 350 kg
 A fresh-air duct can be connected to the stove ($\varnothing=100$)



More information

OCTO+ 160 / 185

Output: 3-12 kW
 Log length: 30 cm
 D x W x H: 50,5 x 50,5 x 160/190 cm
 Height to centre of flue outlet: 145,3/175,3 cm
 Distance to combustibles w/side windows, side/back: 65/35 cm
 Distance to firewall w/side windows, side/back: 40/10 cm
 Distance to combustibles w/o side windows, side/back: 40/35 cm
 Distance to firewall w/o side windows, side/back: 10/10 cm
 Weight: 400/470 kg
 A fresh-air duct can be connected to the stove ($\varnothing=100$)



More information

Otta

The Otta model series is a continuation of a traditional type of stove that was produced by several local craftsmen in a variety of designs well over a hundred years ago. Versions of it are also known from Switzerland and Austria.

We have chosen to retain the traditional appearance. The stove is of course produced according to modern combustion principles in order to ensure maximum heat from the logs, and to comply with Norwegian emission requirements.

The heat storage capacity is surprisingly good, including for the smallest model. The handle is also inspired by old stove handles. We have even chosen to keep the old Bakelite material. The stove is available with a hotplate, which can be an especially welcome feature for stoves in cabins. The photo to the right shows our dark grey marble-sandstone baseplate.





OTTA 102

The smallest model in the series. Available with a hotplate. Excellent for use in cabins.



OTTA 103

As in the old days, the Otta 103 is a taller version in order to allow more heat storage capacity.



The hotplate is embedded into the top of the stove. The hotplate function will be a useful aid during power failures and in cabins that only have a small cooker.

The hotplate is very efficient: in tests with a customer we managed to boil several litres of water in less than 10 minutes. This is because the design of the stove means that the heat will seek out the coldest point. It is also due to the properties of the material. The hotplate is only available for the 102 model.

OTTA 102 / 103

Output: 3-12 kW

Log length: 35 cm

D x W x H: 52 x 37 x 85/115 cm

Height to centre of flue outlet: 70,2/100,2 cm

Distance to combustibles, side/back: 50 / 35 cm

Distance to firewall, side/back: 10/10 cm

Weight: 240/310 kg

Cannot be connected to fresh-air duct



More information

Baseplates

All stoves need fireproof front baseplates to protect against fire in case glowing embers or burning logs fall out of the stove. Our stoves all have specially adapted baseplates. These are made from high-quality granite or marbled limestone and bring out the colour nuances in the soapstone. In addition to adding to the attractiveness of the stove and fire safety, the baseplates are extremely practical. Any dust and ash can easily be removed from the plate.

We supply two main types: first-grade polished black granite, and a marbled dark grey sandstone type that is slightly less polished. All stoves in Norway are required to have a baseplate in a fireproof material within 30 cm of the front of the stove. In addition, all stoves with a base that is not entirely made from a fireproof material must stand on a fireproof baseplate that is at least the same width and depth as the stove. A baseplate is an elegant solution to these requirements. We produce baseplates designed to the shape of the stove, which enhances the overall appearance.

As well as adding to the attractiveness of the stove and the room, these baseplates are easy to clean. The baseplate also gives a larger area to distribute the weight, which can be important in the case of heavier stoves. A baseplate measuring 70x90 cm can bear a load of 430 kg on standard joisting, mid-span. Depending on the construction of the floor, such baseplates can greatly increase the weight a wooden floor can take, especially when the stove is placed close to the wall.



More information



Premium polished black granite



Marbled dark grey sandstone type, slightly less polished.



Open fireplaces and hearths from Norsk Kleber

Open fireplaces and hearths made of solid soapstone are a quintessential feature of homes in several dales in Norway. In the 19th century, they were also popular in town mansions. In the old days, pine root (fatwood) was normally used in such fireplaces because of its high viscosity and energy density, making it easy for the heat to be transferred to the soapstone. In this way, even an open soapstone hearth could be relatively efficient. Today, we are still making open hearths and fireplaces in the same way they were made hundreds of years ago. Such fireplaces are still popular in cabins. In addition to traditional open fireplaces and hearths, we also make modern versions, often according to a drawing from an architect or customer. We bring such drawings to life based on our knowledge of fireplaces and stone. The fireplace produced is a unique product made with the help of modern

computer-controlled machines combined with craftsmanship. Our production staff have been trained in the discipline over many generations. In this way, the knowledge is developed and passed on over the centuries ensuring an unparalleled, high-quality product.

In addition to open fireplaces and hearths, we also make fireplaces with a steel lining. These fireplaces with a soapstone surround are more efficient than open fireplaces and require less space.

If you plan to build a house or cabin, we recommend contacting us at an early stage in order to have the opportunity to obtain a charming soapstone fireplace. During construction, factors such as foundations, air supply, chimney size, firewalls and space requirements can all be taken into account.

Fires and heat in the room

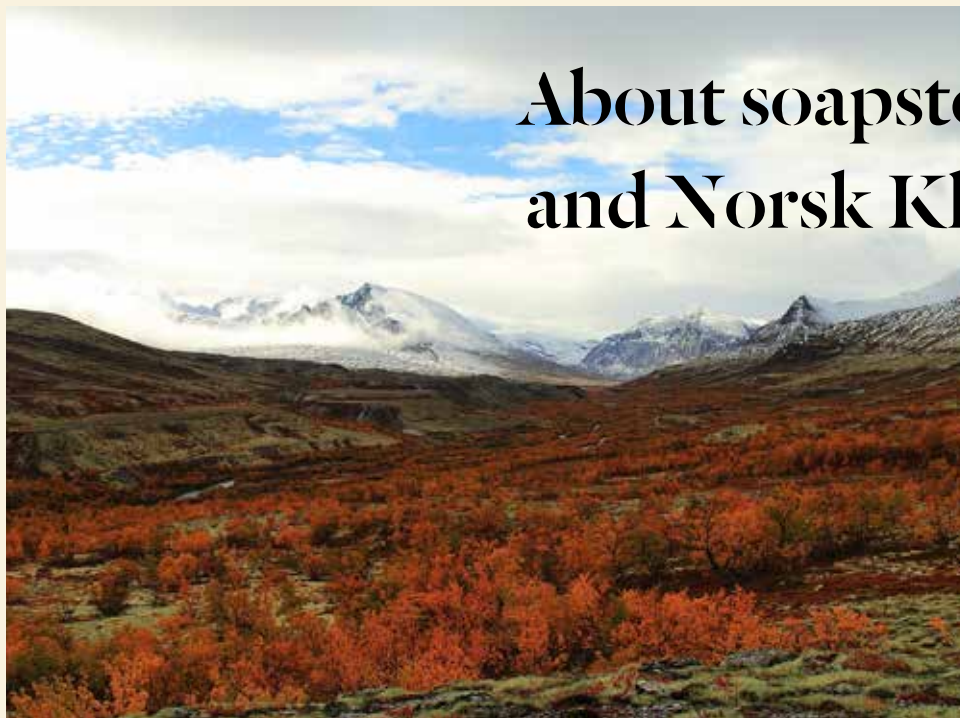
Daily use of a genuine soapstone stove

Fires in a genuine soapstone stove are generally lit in the same way as in any other stove. Nevertheless, there are some significant differences that are worth noting. Due to the good heat storage capacity, it is not necessary to keep the fire going 'all the time'. Nor is it necessary to reduce the air supply in an attempt to make the fire last longer, since a genuine soapstone stove stores most of the generated heat in the stone. This heat is emitted over time, making it unnecessary to have a fire going constantly or to reduce the flames. Reducing the air supply leads to poorer combustion, which means that the wood is not used effectively and that large amounts of non-burned particles and gases are unnecessarily emitted into the outdoor and indoor climate. There should, therefore, always be a good draught in the stove.

If you just want to create a cosy atmosphere, nothing beats a genuine soapstone stove. There is not really a need for very much extra heat – the house is already hot and there is also heat being generated from the underfloor heating or other sources. Thus, a genuine soapstone stove will not make the house too hot, and other heat sources can easily be adjusted to correspond with the heat radiating from the stove to ensure an optimum comfort level. The table at the end of the brochure shows the nominal effect of our stoves, typically around 8 kW. This figure refers to the 'nominal' heat generation in the combustion chamber during testing – it is not an accurate indication of the heat output in the room from a general soapstone stove. If you top up the stove 3–4 times a day, the heat output in the room is roughly between 1 and 3 kWh in a 24-hour period. Where the soapstone stove is the main heat source, you can adjust the amount of heat emitted by adjusting the number of times you top up the stove. If you top up the fire several times in quick succession, the storage battery and stone will be charged further. This means that the stove can produce an output of up to 10 kWh for several hours. The benefit is that when you get up in the morning, or have been away for a few hours, the living room or cabin will still be nice and warm. When the stone's heat storage reservoir is full, it will emit relatively

large amounts of heat over many hours. This is the most effective way to use the stove when extra energy is needed, such as in a large or old, poorly insulated house, and is the method often used in cabins. In this way, you can shorten the intervals between starting a fire or during periods can top up the stove several times in succession, for example in the afternoon and in the morning. For most homes, a few top-ups per day is enough to achieve the warmth and heat needed.





About soapstone and Norsk Kleber

A stove made from solid soapstone from Norsk Kleber is not just a stove, but an exclusive piece of furniture taken directly from nature. Each stone has a different structure and pattern, and no two stoves are the same. Our soapstone is grey with a light structure. Our soapstone stoves are a warming piece of art that will last for generations. Norsk Kleber is the only Norwegian producer of soapstone stoves and fireplaces.

Soapstone is a metamorphic type of rock. This means that it was formed by other types of rock under pressure and high temperatures 500 million years ago. The soapstone is a soft rock, easy to mould and pleasant to touch. It can withstand heats up to 1550 °C, and is frostproof and resistant to chemicals. The soapstone from Norsk Kleber has a high talcum content. It is porous and heavy, and therefore has exceptionally good heat storage properties and is nature's own 'wonder material'. In Norway, soapstone has been used in cookware and everyday objects ever since the formation of an Early Iron Age settlement in the region of North Gudbrandsdalen. In the Stone Age, the special stone was used for clubs, picks and axes. During the Bronze Age, it was also used for spinning wheels, loom weights, fishing net weights and moulds. Findings from soapstone fragments also suggest that the Vikings used soapstone for pots and other utensils. There is also evidence to suggest that the Vikings used soapstone to heat their homes. The extraction of soapstone directly from the rock face to make pots made an important contribution to

many people's livelihood. As with all types of stone, the quality of soapstone varies from place to place. Our soapstone has a relatively high magnetite content and is therefore particularly suitable for use in stoves and fireplaces. Heat absorption, storage and emission are optimal with our soapstone.

In the 13th century, soapstone was used as décor, and several castles, churches and cathedrals have soapstone adornments. The most well-known of these is Nidaros Cathedral, which is decorated entirely with soapstone. At the end of the 17th century, the production of soapstone hearths started at Gudbrandsdalen. Towards the end of the 19th century, several companies were established at Otta for the production of soapstone stoves and fireplaces. AS Østlandske Stenexport bought up large parts of the soapstone business at Otta in the period 1915–1918, making it the dominant producer. In 2014, the name of the company was changed from Granit Kleber AS to Norsk Kleber AS, since the company was no longer involved in granite production. The name may have changed, but the business philosophy remained the same, which was to develop and produce high-quality soapstone stoves. Today, the production process is very modern, with computer-controlled machines, while the products themselves are still based on the same principles as old soapstone stoves, even though this makes our solutions somewhat more expensive than similar stoves. The reason for this is simple: we will not compromise on the quality of the products and their excellent heat storage properties.



Environmentally friendly wood burning

Wood burning is climate neutral and a renewable resource. Clean-burning stoves meet the Norwegian emission requirements. Such clean-burning stoves utilise up to 90 % of the energy in a log of wood and emit about 90 % less particles to air than the old types of stoves.

If you use your stove properly, this means a significant reduction in wood consumption, which

leads to a better climate. All of the stoves are tested and approved by the certified test institutes SP Fire Research in Norway and RRF in Germany. The stoves are also tested according to the safety standards EN 13240 and EN 16510.

In addition, our stoves are tested in accordance with the environmental standards for Germany (DIN+) and Austria (15A).



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1893 KLEBER**

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