



Efficient, clean burning, high quality stoves with a stunning flame picture viewed through a crystal-clear glass.

With over 50 years' industry experience designing and fitting stoves we have decided to use our knowledge to produce a new type of wood burning stove with fundamental improvements to classic log burners.

Our stoves are designed to burn efficiently and cleanly but also consider INDOOR air quality as well as flue emissions. Up to now we feel this factor has been overlooked by government regulations (eco design 2022) and most other stove manufacturers.

We pride ourselves on the fact that all our stoves are designed and built to the highest quality; this includes key design aspects such as double skinned combustion chambers with thicker grade steel and ensuring all joints are fully seam welded instead of tack welded.

After many years' experience of fitting stoves, we also know small design considerations can make a big difference during installation. Something as simple as having easily accessible height adjustment on the legs can be the difference between lifting a stove into position once or multiple times.

All our products are designed, manufactured and assembled in the UK

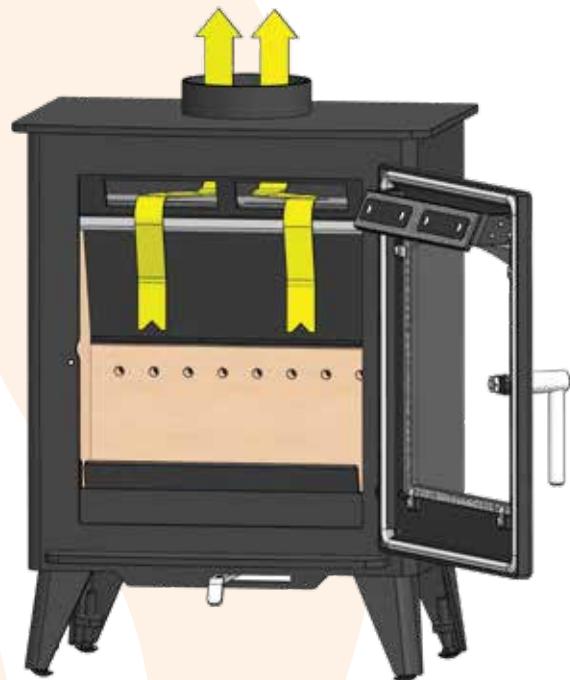
Introducing...



A highly innovative feature which includes two large flue vents that are uncovered when the door is opened, thereby removing smoke and dust during refuelling.

This patent pending technology is robust and uses no moving parts or mechanisms which can jam or seize over time, a common problem with other mechanical flue dampers when subjected to high temperatures.

This feature is designed into all dry SI stoves and allows us to produce stoves that burn cleanly and efficiently when under normal conditions but also greatly reduce smoke spillage into the room when the doors are opened for refuelling.



www.sistoves.co.uk

Introducing the New Si12 and Si20 Boiler Stoves

Following on from the success of the Si 5 and 8 dry woodburning stoves are two brand new boiler stoves. These utilise a unique tube-based heat exchanger to provide a high surface area for heat transfer, whilst being compact enough to be located above the combustion chamber. It extracts the heat from the hot flue gases without chilling the combustion of the fuel in the main chamber, allowing the fuel to burn cleanly more like a dry stove. Si boiler stoves are amongst the first to pass the strict eco-design regulations for flue emissions and air quality.

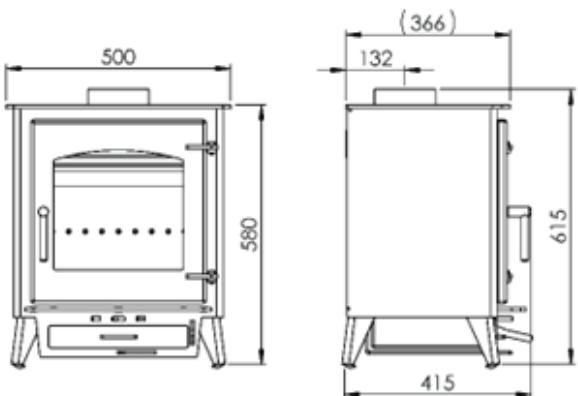
Si12 - The Si12 is a multifuel boiler stove retaining all the fantastic features of Si dry stoves whilst incorporating a compact heat exchanger with the ability to provide domestic hot water and heat to several radiators.

The Si12 produces a maximum total heat output of 12kW with 5kW going to water and 7kW to the room. This is suitable for heating a small property or for use in link-up systems for topping up alongside another boiler. The boiler stove is built from heavy gauge steel that's fully seam welded to ensure longevity. The stove can be used with a insulating grate insert for efficient and clean wood burning and features a full width riddling grate and ashpan to assist with de-ashing when burning smokeless fuel. Tactile air controls allow fine tuning of air flow so you can easily adjust to get the best & most efficient burn. The boiler heat exchanger tubes can be easily accessed for cleaning through the door opening, unlike many old boilers where you are required to remove dusty dirty baffles for regular maintenance.

Si12



Si12 Dimensions



Product Specification

Si12

Nominal total heat output	9.9kW Wood
Nominal heat output (to water) / (to room)	4.1kW / 5.8kW
Max heat output	12kW
Max heat output (to water) / (to room)	5kW / 7kW
Clearance to combustible rear wall	200mm
Recommended minimum wall clearance to non-combustible rear	75mm
Wall clearance to combustible sides	350mm
Recommended minimum wall clearance to non-combustible sides (for access to parts)	75mm
Flue outlet size (available as top outlet only)	125mm
Minimum flue size	150mm
Room vent required	Yes
Eco design 2022 compliant	Yes
Heating system requirements	Indirect open vented
Super-heated air wash	Yes
Fuel type	Wood/Smokeless Fuel
Log length	400mm
Construction	Seam welded steel
Double skinned combustion chamber	Top and rear



Si20 - A large high output solid fuel boiler stove that still functions as a stove and looks great in any large fireplace or simply freestanding. The wide viewing glass provides a fantastic flame picture and atmosphere in the room.

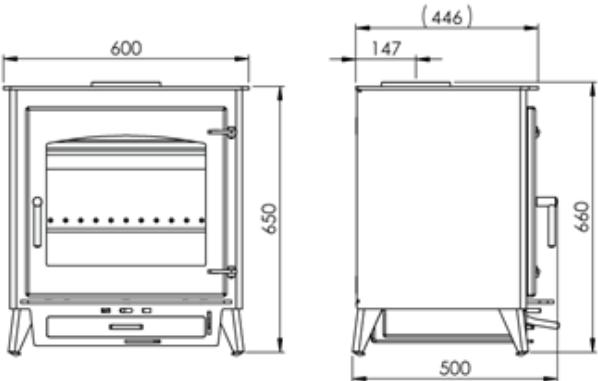
Compared with Si12 the Si20 has a larger firebox and a substantially more complex heat exchanger featuring both larger tubes and insulated side and rear flat heat exchangers. Due to the high heat output required whilst maintaining sensible refuelling intervals, this product has been designed as a solid fuel boiler stove suitable for burning all approved smokeless fuels. The Si20 produces a maximum of 20 kW peak heat output with 10.3 to water and 9.7 to the room and is suitable for heating 10-14 average sized radiators or as part of a link-up system alongside another boiler for a large residence.

The stove is built from heavy gauge steel that's fully seam welded to ensure longevity. It also features a full width riddling grate and ashpan for thorough de-ashing. Tactile air control allows fine tuning of air flow alongside a boiler thermostat that is fitted as standard so you can easily adjust to get the best burn and optimum heat output. The boiler heat exchanger tubes can be easily accessed through the door opening to allow easy cleaning of the tubes to maintain peak efficiency and high flue performance.

Si20



Si20 Dimensions



Product Specification

Si20

Nominal total heat output	13kW Smokeless fuel
Nominal heat output (to water) / (to room)	6.7kW / 6.3kW
Max heat output	20kW
Max heat output (to water) / (to room)	10.3kW / 9.7kW
Clearance to combustible rear wall	75mm
Recommended minimum wall clearance to non-combustible rear	75mm
Wall clearance to combustible sides	100mm
Recommended minimum wall clearance to non-combustible sides (for access to parts)	75mm
Flue outlet size (available as top outlet only)	150mm
Minimum flue size	150mm
Room vent required	Yes
Eco design 2022 compliant	Yes
Heating system requirements	Indirect open vented
Super-heated air wash	Yes
Fuel type	Smokeless Fuel
Log length	N/A
Construction	Seam welded steel
Double skinned combustion chamber	Top and rear