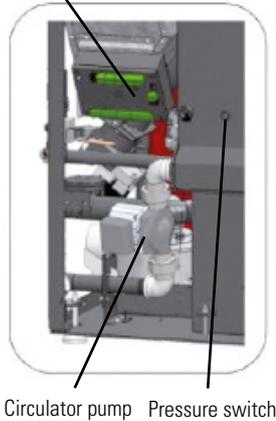
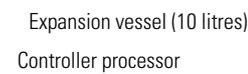
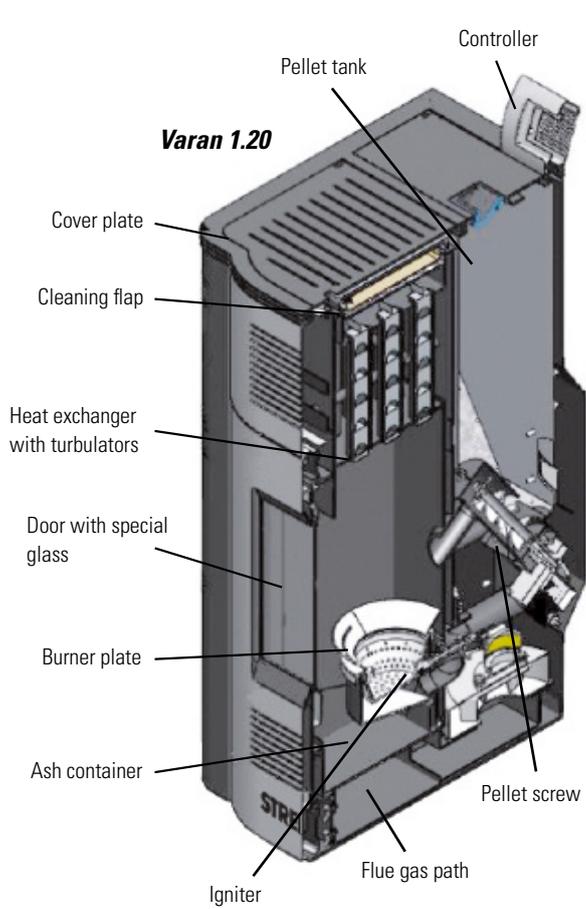


**STREBEL Varan
Roomheater Stove Appliance
With Boiler Capability**

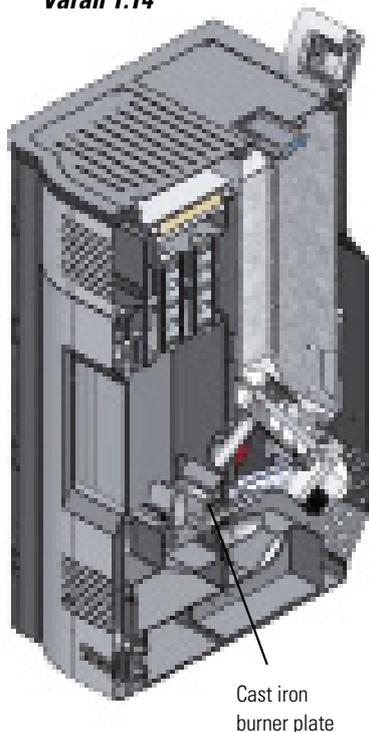
Output: 8,3–20 kW



STREBEL Varan – Pleasant Warmth From Your Living Room For The Whole House



Varan 1.14



The **STREBEL Varan** offers a complete pellet heating system with fuel tank, pellet auger, controller and important hydraulic components. The heating power is sufficient for larger flats or most single-family homes up to about 200 m² (depending on actual heating demand).

Versions

The versions **Varan 1.14** and **1.20** are perfectly adapted to your living space. No separated boiler room is necessary in order to operate them. The combustion chamber door has a built-in heat-resistant, airstream-cooled glass plate, which allows watching the flames inside. These power packs with a heat output of up to 20 kW do not only give off heat to the surrounding living space – they are also connected to the central heating system (radiators, underfloor heating).

Components

Our **Varan** stoves are readily fitted with parts that usually have to be installed separately: an expansion vessel (10 litres), an electronically controlled **Wilo** HE. circulator pump, a manometer and a safety group (pressure switch, safety valve, vent valve). This enables a swift connection to your heating system and ensures perfect compatibility with the stove.

A connector wire with plug and a controller (with daily, weekly, weekend programme, three power levels) are already attached. In combination with a modified controller, an external water tank and a switching valve, our **Varan** stoves are capable of producing domestic hot water as well.

The integrated pellet tank is located on the rear of the stove and is accessible through a lid on top of the appliance. The tank is filled by hand and holds 45 kg or a volume of 75 litres of pellets. An ascending pellet auger with gear motor transports the fuel to the downpipe, where it falls into the combustion plate. This construction effectively prevents flames from spreading to the pellets in the tank.

The flue gas fan regulates the combustion process and keeps the flames constant with a steady stream of air. Depending on demand and current power level, the rotating speed of the fan and the pellet feeding amount into the combustion chamber vary. The automatic ignition ensures a safe stove start.

Cleaning

For an uncomplicated and fast cleaning, the burner plate can be taken out of the recess in the combustion chamber with a single hand-grip when it has completely cooled off. The ash inside the plate is then beaten out into a fireproof container. After that, it is returned to the combustion chamber.

Fuel

Suitable fuel for all models are standard wood pellets (according to ISO 17225-2:2014 quality A1, ENplus-A1, ÖNORM M 7134). Bagged pellets are easy to stack and can be stored in a dry place for many years. They usually come in bags of 15 kg.

Pellets – A Conversion Table

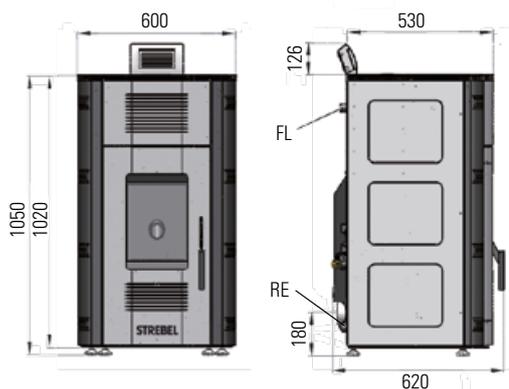
1 m³ of pellets weights about 650 kg.
 1000 kg of pellets take up 1.5 m³ store room.
 1 kg of pellets delivers approx. 5 kWh.
 The caloric value of 1 kg of pellets corresponds to approx. 0.5 Litres of heating oil.

Interested in our products? Contact us for consultation with our sales representatives – free of charge and not binding.

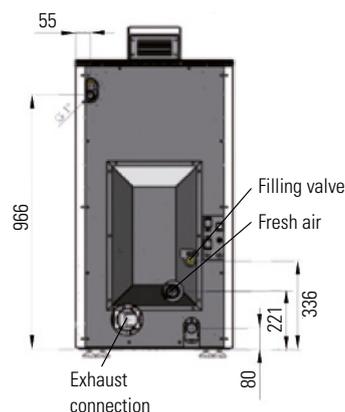
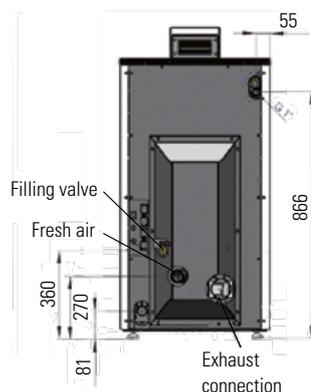
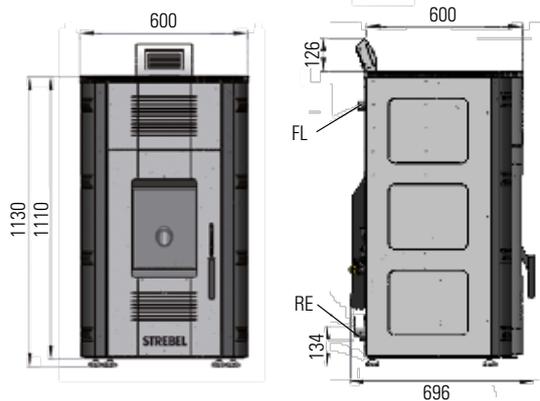


Dimensions And Connections

Varan 1.14



Varan 1.20



Technical Data

Stove type		Varan 1.14	Varan 1.20
Fuel		Pellets (A1)	Pellets (A1)
Nominal output (combined)	kW	11,9	20
Minimal output	kW	8,3	10
Output in the heating system	kW	10,45	18,7
Output in the living space	kW	1,45	1,3
Height from ground to exhaust centre	mm	180	134
Exhaust connection \varnothing	mm	80	80
fresh air connection \varnothing	mm	48	48
Required draught	Pa	11	11
Efficiency	%	>91	>91
Fuel tank volume	kg	45	45
	Litres	75	75
Weight	kg	192	235
Water volume	Litres	24	38
Operating/test pressure	bar	2,5/5	2,5/5
Stove water temperature min./max.	°C	60/90	60/90
Return temperature min.	°C	55	55
Flue gas temp. (nom./min. output)	°C	135/90	135/90
Electrical connection		230 V/50 Hz	230 V/50 Hz
Connection flow/return \varnothing	Inch	1	1
Filling/safety valve \varnothing	Inch	1/2	1/2

Change of models reserved. Dimensions not binding!

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