

Calimax **Twist 80/20** classic Pellet Stove



One for all rooms - to let you heat the entire house. In a totally natural way.

Calimax Twist 80/20 classic Pellet Stove

Future-oriented pellet technology lets you heat either individual rooms or the entire house, while supplying a traditional living fire and abundant hot water.

The Calimax Twist 80/20 classic pellet stove is designed to ensure optimum heat distribution. Part of the heat energy is directed to the water in the central heating system, while another part warms the air directly. This is what makes the Twist 80/20 classic pellet stove particularly suitable for use in low-energy and passively heated houses, and also for whole-storey heating.



Heat with pellets – care for the environment.



Our new design of combustion assembly.



Heats the whole house: the Twist 80/20 classic.



Central: heat source

The Twist 80/20 classic pellet stove is also ideal for whole-house heating. Use them either as a free-standing heat source or in addition to an existing heating system.

High: efficiency of up to 95%

The CO₂-neutral combustion of wooden pellets produces only minimal emissions. This is what delivers efficiency of up to 95%.

Modern: design

The Twist 80/20 classic pellet stove stands for simple elegance. The classic compact form is timeless and attractive. A choice of colours adds the desired accent. Absolute quality in brushed stainless steel.

Pleasure: a living fire

As natural as possible. Enjoy to the full the special atmosphere of Twist 80/20 classic.

Easy: operation

The pellets are tipped into the stove's feed hopper. Job done! Your pellet stove now looks after the heating of your home of its own accord. Whenever you wish to run a hot tap or heat a room, the Twist 80/20 classic goes automatically into operation. Note that individual room-temperature control is not available.

Possible: subsidies

The installation of Calimax pellet stoves may be subsidized under certain circumstances. However, this depends on each user's local legislative and regulatory situation.



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More advantages: Twist 80/20 classic pellet stoves

- 80% water / 20% air
- With extra-large feed hopper
- Distinctive look
- High quality of finish
- Highly versatile
- Can also heat the entire house
- Easy operation
- Automatic start/stop function
- Patented design

Optimised operation:

- Low-energy house
- Passively-heated house
- Flat/Apartment
- Holiday home
- Restaurant
- Conservatory

Easy: servicing

The Twist 80/20 classic pellet stove is characterised by its long servicing and cleaning intervals. All installed components are easy to access, which greatly simplifies servicing.

Integrated: backflow increase

The hydraulic connection assembly with backflow increase is supplied with the pellet stove as a ready-to-run plug-in unit. This makes it easy to connect to different heating systems.

Problem-free: combinations

This model of pellet stove offers multiple hydraulic combinations with different types of heating system, e.g. with controlled home ventilation, solar panels, heat pumps, buffer storage or condensing-boiler technology.

The natural solution: pellets

If you heat with pellets, you care for the environment. This is because the burning of wooden pellets does not produce any increase in the level of CO₂ in the atmosphere. The warmth from Calimax pellet stoves thus benefits both people and their environment.

Natural wooden waste, such as shavings or sawdust, is pressed to form small cylindrical pellets. These wooden pellets contain no contaminants, such as adhesive or dyes. The lignin resin that occurs naturally in wood provides a binding agent.



The type: additional heating, whole house heating

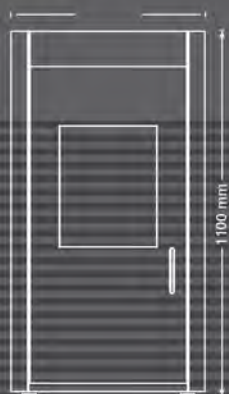
The process: water / air

(80% water, 20% warm air - radiant heat)

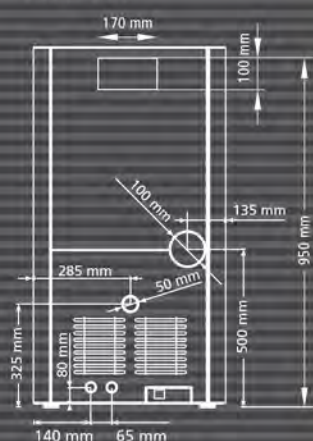
 **calimax**[®]

Exact: Dimensions

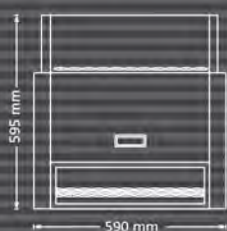
Front view



Rear view



Plan view



Calimax Twist 80/20 classic Pellet Stove



Variable :

Colours and casings

There is a choice of three colours of casing: classic black and ivory

* Room-heating capacity varies with the quality of heat insulation and amount of ventilation.

** Burn duration varies with heat output and quality of fuel. Suitable spatial ratios must be indicated for optimum operation.

*** Determined during bench testing.

Regional legislation with respect to flue configuration, fire safety, place of installation, etc. should be observed at all times.

Annual servicing helps ensure trouble-free operation and a long service life.

Dimensional tolerances +/- 3mm.

We reserve the right to make amendments.

The Twist 80/20 classic has been subjected to type-approval testing at TU Vienna in accordance with EN 14785 and complies with emission requirement according to 15a B-VG. Please observe regional regulations concerning chimney situation, fire protection and placing of stove.

Twist 80/20 classic technical data: 10 kW

Heat output:	3 – 10 kW
Height:	1100 mm
Width:	590 mm
Depth:	595 mm
Weight:	165 kg
Room-heating capacity*:	up to 350 m ³
Flue pipe connection:	Ø 100 mm
Fresh air inlet:	Ø 50 mm
Fuel capacity:	40 kg
Burn duration**:	up to 70h
Efficiency (overall efficiency)***:	92,7%
Efficiency (partial load)***:	95,6%
Power consumption:	~ 230 V / 50 Hz
Electrical power consumption:	25 – 80 W
Ceramic ignition:	built-in
Boiler thermostat:	built-in
Permissible fuels:	Low-dust wood pellets; ÖNORM M7135, DIN 51731, DIN Plus

Hydraulic connection assembly: installed

Water output***:	max. 8 kW
Connection of infeed/backflow:	3/4" AG
Circulation pump:	HU 15/4.2.-3
Safety valve:	3/4 2,5 bar
Backflow increase:	55°



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Your expert adviser: