SOLARFOCUS

makes you independent

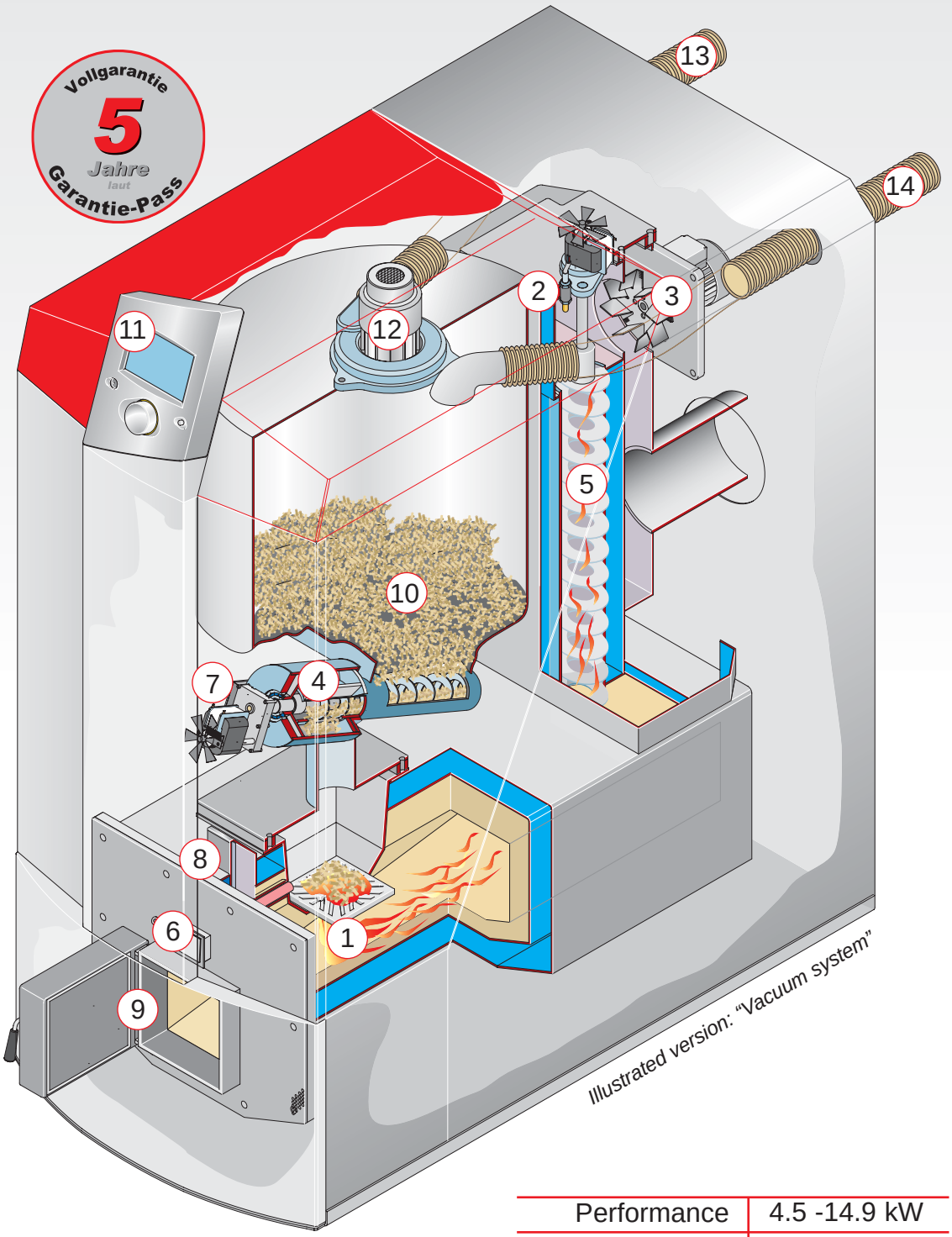
pellet^top

- Highest efficiency
- Compact structure
- Future-oriented control

Vollgarantie 5 Jahre laut Garantie-Pass

1 Downward burn technique
2 Lambda sensor
3 Induced draft fan
4 Single axle rotary-vane feeder (patented) - 100% burnback protection
5 Heat exchanger with automatic cleaning system
6 Energy efficient glow pencil
7 Primary air duct
8 Secondary damper with servo motor (ignition technical control)
9 Ash chamber and door
10 Pellet storage container with vacuum motor
11 Full graphics control panel
12 Vacuum motor
13 Air return hose
14 Pellet filling hose

Option:
You can also obtain the **pellet**^top in the version with conveyor screw.



Illustrated version: "Vacuum system"

Technical data of pellet^top

GEPRÜFT

Performance	4.5 -14.9 kW
Fire tube ø	130 mm
Fire tube: Height	575 mm
Storage volume	60 l
Height	1,275 mm
Width	550 mm
Depth	1,080 mm

Combustion efficiency
Partial load: 96.8% Full load: 96.0% Boiler efficiency: 94,8%

Precise technical data are listed separately in a data sheet.
We retain the right for technical modifications.

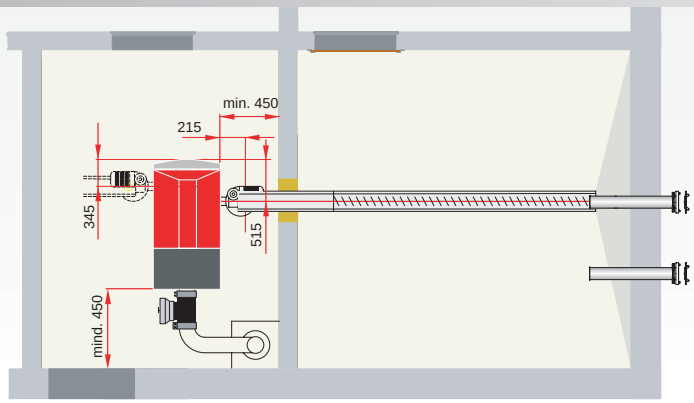
Pellet storage options

The fuel pellets are delivered similar to oil in a tanker truck and blown into the storage chamber. The pelet storage chamber and/or the fill couplings should not be any further than a 30 m distance from the parking space of the tanker truck, since the max. pump hose length is generally 30 m.

If possible, the pellet storage area should border onto an exterior wall to be able to install the filling connections to be easily accessible from the outside. However, if this is not possible for structural reasons, the blower and vacuum pipes must be brought up to the exterior wall. Please observe the regional fire safety regulations!

The boiler chamber should also border onto an exterior wall to promote natural ventilation. If the boiler chamber is still on the interior, a vent pipe (at least 200 cm²) must be brought to the exterior wall. The vent pipe must be designed to correspond with regional fire safety regulations.

Storage area directly next to the boiler chamber



Calculation of the storage area volume:

At a 35° slanted floor, the following formula applies:

V = (b x (h - 0,5) - b² x 0.15) x l

b = storage chamber width
h = storage chamber height
l = storage chamber length
V = storage chamber volume

Storage in a pellet box

The pellet box provides storage of pellets in the basement. It is supplied by a vacuum system.

Advantages:

- ✔ Variable container height for each room
- ✔ Robust and durable

Volume: from 5,000 l to 11,000 l

Basement space-saving alternative: “The ground tank”

This solution provides storage outside (next to the house).

Advantages:

- ✔ Space savings
- ✔ Delivery by the vacuum system
- ✔ Absolutely compatible and flexible
- ✔ Robust and durable

Volume: 8,000 l or 11,000 l

Diameter: 2,350 cm
Height: 2,400 cm or 3,200 cm

Detailed information may be found in the SOLARFOCUSplanning folder

Control engineering eco manager

Remote monitoring and system control

SOLARFOCUS Control engineering

It controls: Performance + ignition!

The heart of your new heating system

The control has special significance in order to provide daily comfort. You determine when and how warm it will be. **eco**manager thinks when measuring and regulating. The changing outdoor temperatures are considered as well as your personal living habits.
ecomanager provides individual adjusting options.

Simple control with a control knob

Optionally also from the living room.

Graphic illustration of the system values.

Control **eco**manager:

Full graphics display with background illumination • Easy operation with a control knob • Clear illustration of the system parameters (system values are processed graphically) • Integrated solar control • Weather controlled heating cycle control for 2 separate heating cycles. (Optionally expandable to 4 or 6 heating cycles) • 32 bit processor • Fully digital combustion control • Updateable system (software can be updated via telephone line) • Remote monitoring and system control is possible via ISDN connection.• Maximum of 5 Watt capacity increase in standby operation • Control part may be attached on the **pellet**topor on the residence.

This speaks for ...

pellets

- Environmentally friendly and CO_2 neutral
- Native energy supplier
- Crisis and supply secure
- Price stability
- Provides comfortable heating
- Standardized fuel
- Simple, small storage room
- Easy delivery with a tanker truck
- Best in combination with solar systems
- Low ash volume

You can obtain information regarding deliveries granted by the Federal, regional or city government from your personal SOLARFOCUS consultant.

the **pellet**top

- Downward burn technique
- No movable parts in the boiler chamber
- Lambda sensor technology since 1981
- Fully automated heat exchanger cleaning system
- Modern control concept
- Lowest space requirement
- Single axle rotary-vane feeder
- Ignition by glow pencil
- Supply optionally with vacuum system or conveyor screw.
- Combustion efficient up to 97%
- Integrated solar control
- Modern design

>> EVERYTHING FROM ONE LOCATION <<

SOLARFOCUS solar systems - SOLARFOCUS biomass heating - SOLARFOCUS storage technology

Your dealer

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