

pelletplus



- **Downburn technique**
- **revolutionary technology**
- **modern Design**
- **maximum efficiency**



Energy
from
the sun
and
biomass

... into the
future
with a
clear
conscience

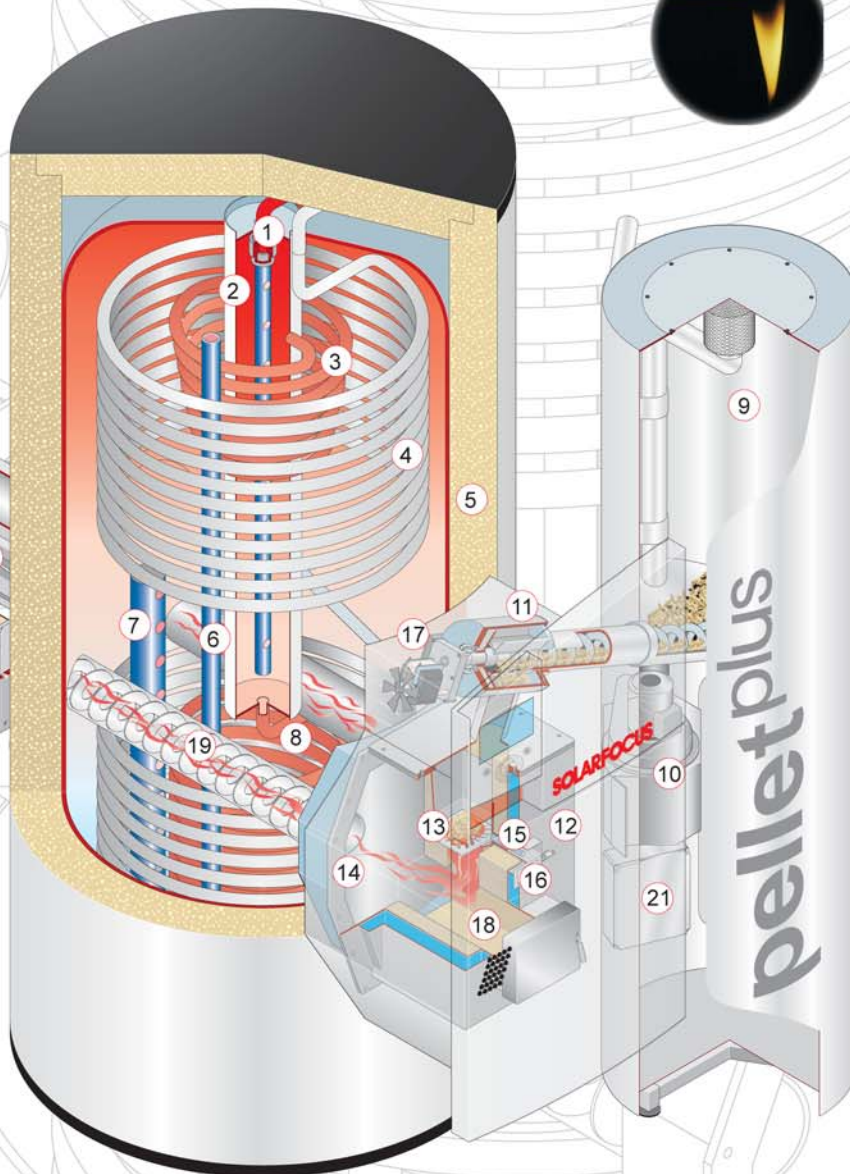
Solar and pellets - your own bio power station



pelletplus

• revolutionary technology • modern design • greatest economy

DOWNBURN TECHNI-



Technology and combustion principle

- The power and combustion regulations system adjusts the burner fully automatically.
- Downburn technique
- Lambda sensor technology.

System technology - dual concept

- No residual heat storage losses.
- No rearrangement losses.
- No residual boiler heat losses.

In the tightest space - perfectly solved!

- Minimum assembly cost.
- Reduce energy costs and save space as no need for charging pumps and valves.
- Centralized power management.
- Lowest space requirement.

Solar charge fresh water technology - quick and pure

- Fresh water supply free of legionnaire bacillus
- Layered loading of the tank.
- Solar heating support.

Legend:

- | | | |
|--|--|---|
| 1 Thermo layer charging lance | 9 Pellet storage container | 16 Secondary air flap with servo motor (combustion control) |
| 2 Solar layered tube heat exchanger | 10 Vacuum turbine | 17 Primary air duct |
| 3 Solar LOW FLO heat exchanger | 11 Pellet infeed with rotary valve and drive | 18 Ash chamber and door |
| 4 Tap water heat exchanger made from stainless steel | 12 Stainless steel boiler body | 19 Heat exchanger with automatic cleaning system |
| 5 90 mm, shell insulation with aluminum | 13 Burning grate | 20 Induced draft fan motor (power control) |
| 6 Heating supply line | 14 Lambda sensor | 21 Control unit |
| 7 Layer charging lance (heater return) | 15 Energy-efficient glow pencil | |
| 8 Solar HIGH FLOW heat exchanger | | |

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