

NEW NOVA WOOD PELLET BURNER SERIES
OUTPUT 10-50KW
ENVIRONMENTALLY FRIENDLY HEAT FROM FINLAND

Did you know? 2kg pellets≈1litre oil ≈10kwh electricity.

NOVA pellet burners, with electric ignition, that have gained a good reputation, are manufactured now in Finland.

The unique blowing technique of the burner (Pat. application no. 08396005.4) enables installation to almost all overpressure oil vessels, in addition to wood and pellet boilers. The space of only 50mm is needed above the combustion end of the burner – this way it is possible to have an ash bin as big as possible. The burner is available with manual (ash collector) or pneumatic chimney sweeping (compressor). There are three selectable output functions (winter, summer and automatic) in the burner, which extends the running periods and improves the operating efficiency. The new feed screw solution doses pellets more accurately than before, giving more even burning and better operating efficiency.

Nova pellet burners are manufactured of high-quality materials. The combustion end of the burner is manufactured of the best stainless and fireproof steel available on the market. The burner has top class combustion values, fulfilling the emission limits set for pellet burners. (Tested by SP / Sweden) The power supply of the burner can be connected to an inverter or an aggregate.

The burner is delivered equipped with a control centre that can be mounted to the wall, equipped with separate plug connectors and protected from dust.



Reliable, economic thermal engineering!

BENEFITS OF NOVA PELLET

- easy to install: a separate control centre with plugs that can be mounted on the wall
- easy to service: handy latch connectors, an ash collector (automatic model), pneumatic chimney sweeping (compressor model)
- reliable operation: very few moving parts (blower and feed screw motor)
- sturdy structure: no plastic parts, 4mm combustion end and metal case
- low emissions and good operating efficiency exceeding 95%
- automatic power regulation
- wide temperature control area (hysteresis) 50-90 degrees.
- suits almost all central heating furnaces available on the market, including overpressure oil boilers. (e.g. Jämä Nova , Jäspi eco lux and Termax 17)
- control centre can be expanded (upgraded) when necessary
- GSM alarm readiness
- rapid ignition
- manufacturing in Finland: rapid spare parts service

TECHNICAL SPECIFICATIONS

Type	External dimensions of the furnace with x height x depth	Combustion end diam. x length	Output/ kW	Weight / kg	Other details
Nova 20 automatic	230x295x335+250	156x220	20	20	With an ash collector
Nova 20 kompressor	230x295x335	156x220	20	20	Requires a compressor
Nova 30 kompressor	230x295x335	156x320	30	21	Requires a compressor
Nova 50 kompressor	230x295x335	156x320	50	21	Requires a compressor

Voltage 230v, 50HZ, power required: ignition 450W, running 20-40W

ACCESSORIES:

- feed screw 1.5m-2.0m or 2.3m-3.0m
- pellet dosing device
- week silo 260litres and 500litres.
- pneumatic compressor
- draught regulator Tigex
- exhaust gas thermometer
- GSM alarm centre

We reserve the right to change the structure and dimensions.



RELIABLE, ECONOMIC THERMAL ENGINEERING!

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