

DOMUS PELLET

Hydro pellet stoves



ENERGY
SAVING



HIGH
EFFICIENCY



REMOTE CONTROL
INCLUDED



WARM AIR



HEATING
TO WATER

Technical features

The stoves are heat generators capable of performing simultaneously the function of a heater and a boiler. In fact, in addition to hot air emission to the indoor environment in which the heater is installed, DOMUS PELLET can be connected to the heating hydro terminals in the house.

DOMUS PELLET is equipped with a fume/water exchanger so as to collect the heat and transfer it to the water in the plant, both for heating and for the production of sanitary hot water.

The control of the thermal power is managed automatically by the integrated electronic panel, which manages all the programming of the system.

With a few commands it sets the temperature that the heater will maintain during the entire heating period.

The possibility of using the built-in thermostat allows you to operate the heater DOMUS PELLET automatically and put into time programming.

DOMUS PELLET is compact and aesthetically pleasing to offer maximum comfort for every type of environment.

The side panels of the heater are offered in two colors, red or cream to suit the furnishings in the house.

Model	Thermal Power kW	Thermal Capacity kW	Code	€
Termostufa DOMUS pellet 14	12,5	13,6	37945001	4.220,00
Termostufa DOMUS pellet 18	16,1	17,7	37945002	4.880,00
Termostufa DOMUS pellet 22	19,4	21,7	37945003	5.240,00

Advantages DOMUS PELLET



GREAT SAVINGS

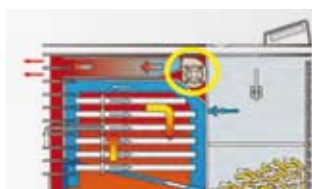
The system, with pellet heats the air and water in the radiators, toilets and plant floor while providing a savings of up to 60% compared to traditional heating



THERMO-STOVE DOMUS PELLET 14

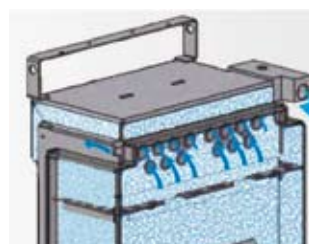
The back of the boiler contains 6 pipes along which, are placed 6 turbulators which give to the fumes a turbulent and centrifugal flow.

The water flows in opposite current to the fumes that in this way, gives the maximum of their heat



VENTILATION STANDARD

Ventilation standard to distribute warm air into the locals



THERMO-STOVE DOMUS PELLET 14-18-22

The water is heated gradually along the boiler of the stove with capacity 20 l.

Then the water flows through the heat exchanger formed by tubes 14 which is invested by fumes coming from the combustion chamber. In order increasingly hot, the water reaches a collection basin placed on top of the stove to absorb heat of the heating stove



WATER CONNECTIONS

The heater comes complete with all the hydraulic elements to heat the water and can be easily inspected for maintenance and cleaning

DOMUS PELLET

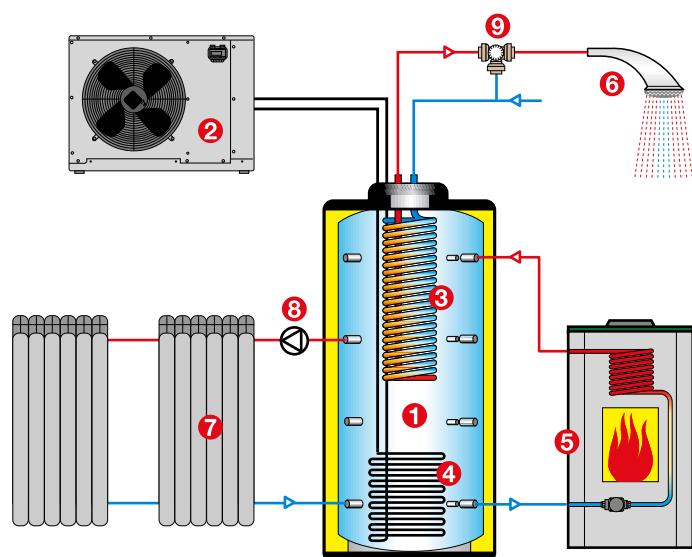
Hydro pellet stoves

Plant layout DOMUS PELLET DHW (pellet feed with heat exchanger on board for heat pump)

The thermo stove hydro DOMUS Pellet is designed to be combined as a backup to our heat pumps HUB Radiator.

In this configuration produces a hybrid system fully comparable to the "Renewable Energies".

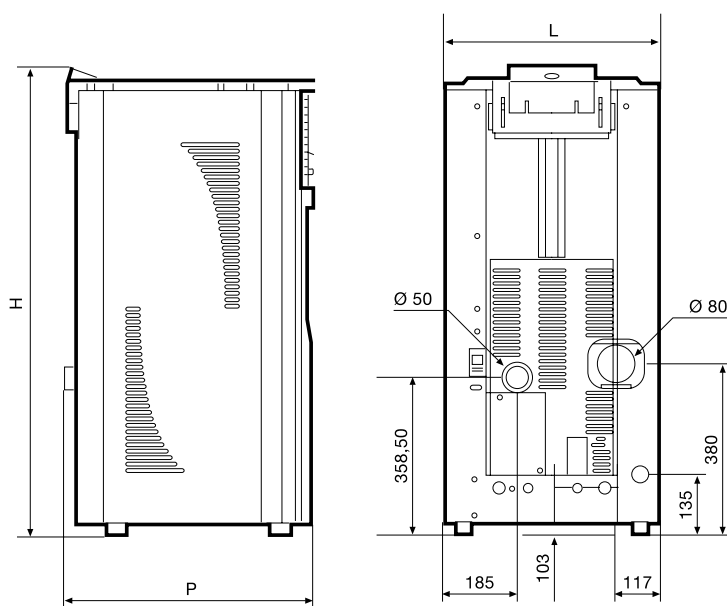
This combination offers the possibility to have plenty of hot water and comfortable heating with outside temperatures down to - 20 °C.



LEGEND

- 1 Storage tank A_RM1 300 liters
HUB RADIATOR A_RM1 300
- 2 Booster HEAT PUMP outdoor mod. HR 7.8
- 3 Quick Exchanger DHW 4,54 m²
- 4 Pre-assembled heat exchanger refrigerant /water
for any external drive to heat pump (Booster)
- 5 Thermo hydro DOMUS PELLET
- 6 Flow DHW heating
- 7 Example of radiator ECO PLUS
- 8 Circulating pump
- 9 Mixing valve DHW

Dimensions DOMUS PELLET



Model	L	H	P
DOMUS PELLET 14	475	964	489
DOMUS PELLET 18	534	1.085	582
DOMUS PELLET 22	534	1.085	582

Values in mm

Technical DOMUS PELLET stoves

DESCRIPTION	U.M.	DOMUS PELLET 14	DOMUS PELLET 18	DOMUS PELLET 22
Global heat flow	kW	13,61	17,70	21,70
Thermal power min - max	kW	4,17 - 12,46	7,70 - 16,10	7,70 - 19,40
Water heat output min - max	kW	3,32 - 10,48	5,90 - 12,30	5,90 - 15,60
Power output environment	kW	0,85 - 1,98	1,80 - 3,80	1,80 - 3,80
Hourly consumption at min - max	kg/h	0,90 - 2,80	1,65 - 3,60	1,65 - 4,40
Efficiency min - max	%	91,77 - 94,72	90,98 - 94,18	89,73 - 94,18
Chimney connector	mm	80	80	80
Fuel tank capacity	l - Kg	26,2 - 17	38,5 - 25	38,5 - 25
Burn time min - max	h	6,5 - 25,0	7,0 - 15,0	6,0 - 15,0
Electrical power to exercise	W	110 - 320	140 - 350	140 - 350
Weight	Kg	140	190	190