



## Home Energy Pellet Bio CV 20 - 30

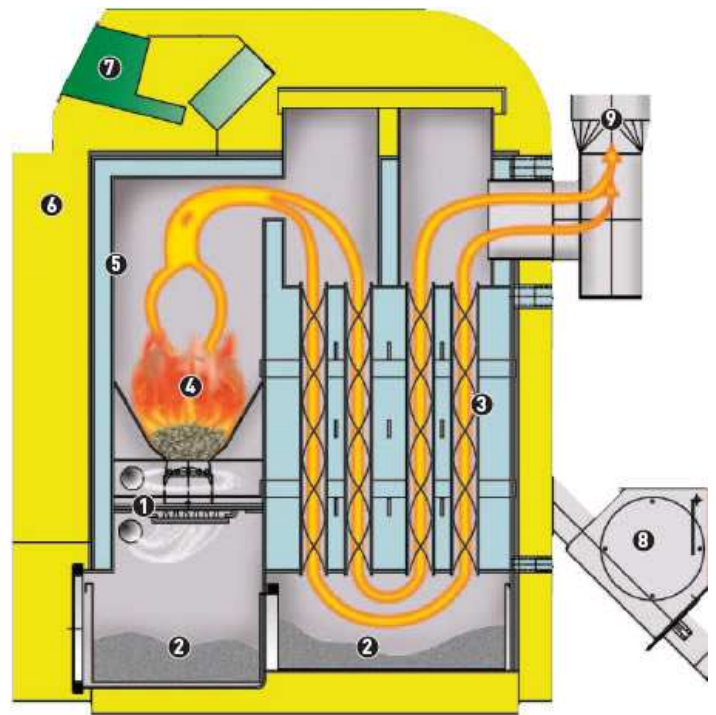


Your choice



## Home Energy Pellet Bio CV system:

- ✓ Easy and convenient operation
- ✓ Fully automatic cleaning system
- ✓ Large ash-pan provides for less frequent cleaning intervals
- ✓ Central control unit for:
  - Heating system control
  - Hot water supply
  - Control unit to increase the return flow temperature
  - Fuel buffer storage control
  - Solar system control
  - Clear LCD display
  - Easy operation
- ✓ Combustion control  
Lambda probe provides energy saving fuel consumption and continuously clean combustion
- ✓ Modern design
- ✓ Low space requirement



1. Pivoting grate for automatic grate cleaning
2. Large ash-pan, accessible from the front
3. Self cleaning flue channels
4. High-temperature resistant burner chamber
5. Boiler body made of high grade steel sheet metal; welded, pressure tested and fully mounted
6. Low radiation loss with optimum insulation
7. Control and operating unit
8. Burn – back safety device for fire control BSD

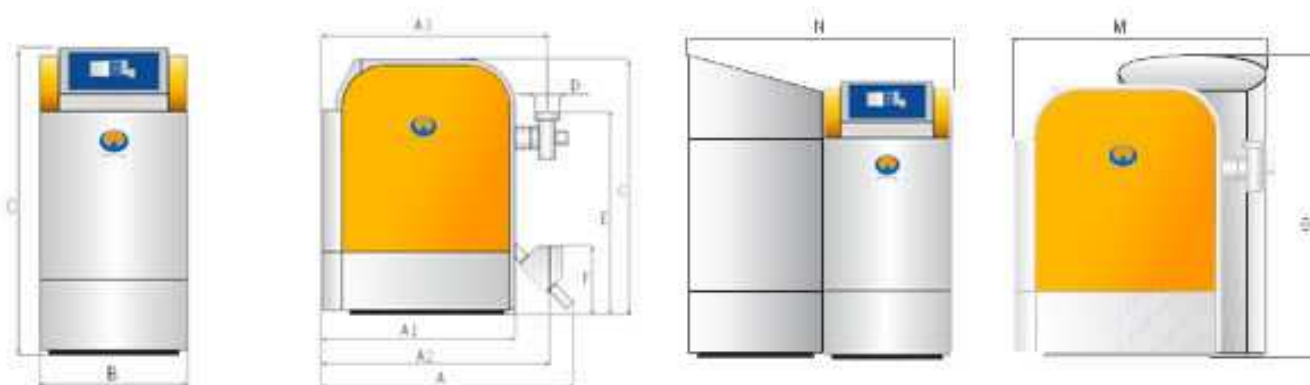
Your choice



## The Home Energy Biomass heating system performs with highest efficiency!

Technical specifications		20	30
Output range	kW	5,3 – 20	6,4 – 31,6
Boiler weight	kg	310	310
Max. Permissible feed pressure	mbar	0,10	0,10
Permissible operating pressure	bar	3,0	3,0
Max. Permissible flow temperature	°C	95	95
Water capacity	L	76	76
Electrical supply	V/ Hz	230 / 50	230 / 50

Technical modifications are reserved



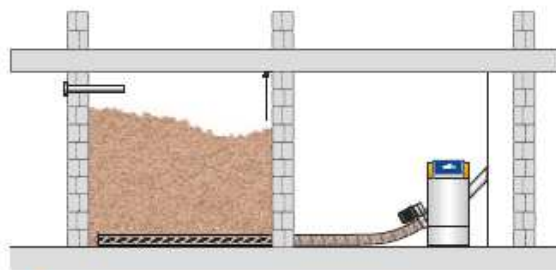
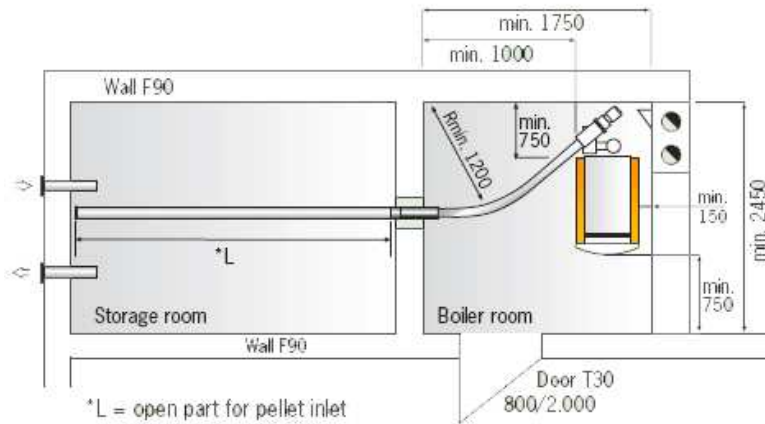
Dimensions (mm)		20	30
A	Length overall	1315	1315
A1	Length boiler	940	940
A2	Length boiler plus distance to BSD centre line	1120	1120
A3	Length boiler plus distance to flue pipe centre line	1030	1030
B	Width (maximum for access)	590	590
C	Height	1268	1268
D	Smoke flue diameter	130	130
E	Height to flue pipe top edge	1025	1025
F	Height to BSD top edge	435	435
G	Height to flow connection (1")	991	991
H	Height to return flow connection (1")	801	801
J	Height to feed and drain connection (1/2")	264	264



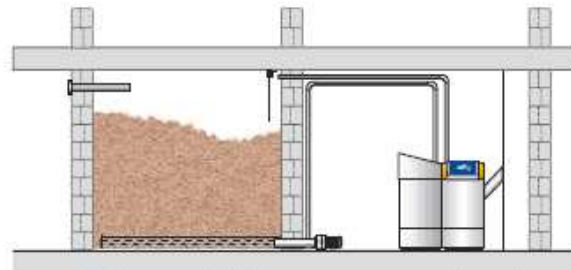
Your choice

## Flexible and safe fuel transport systems

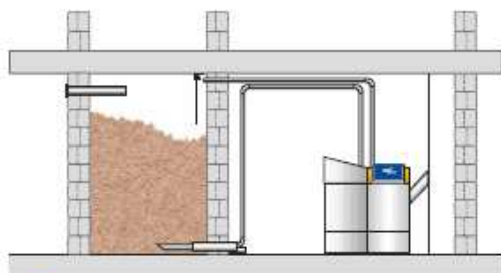
Dimensions with additional tank (mm)		20	30
M	Overall length	1450	1450
N	Overall width	1190	1190
O	Height	1428	1428



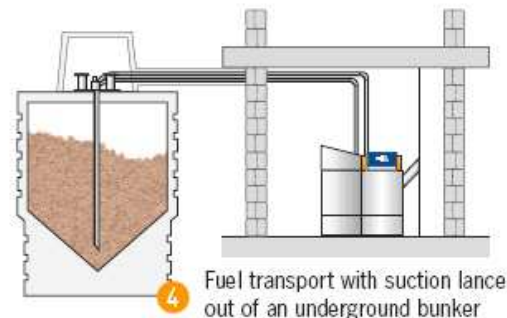
1 Fuel transport with flexible screw conveyor



2 Fuel transport with screw conveyor and suction lance



3 Fuel transport with suction lance



4 Fuel transport with suction lance out of an underground bunker



Your choice