

HEAT POD RANGE

60 - 500kW



HEAT POD

Heat Pod 1 option
with wood pellet fuel store
60 - 199kW

Heat Pods are an all-in-one pod consisting of a Herz biomass boiler, plant room, pipework and a fuel store. This range has two models depending on the size of biomass boiler required.

HEAT POD 1: If you need renewable heating between 60-199kW, then Heat Pod 1 is ideal for you. Pod 1 is suitable for wood chip or wood pellet fuels, and has differing fuel stores due to the unique requirements of different fuels.

HEAT POD 2: If you require heating from 250kW-500kW and wood pellets are best for your site, then Heat Pod 2 is more suitable.

NEED MORE HEAT?

For any biomass heating requirement over 250kW, the fuel store can be separate. This is due to the volume demands of wood fuel. We have solved this requirement with our Heat Hub model. The Heat Hub range provides heating from 250-995kW with both wood pellet and wood chip options.



SELF CONTAINED BIOMASS HEATING

Rural Energy
INSTALLING BIOMASS SINCE 2002

Specification

MEASUREMENTS – POD1 Wood Chip / Pellet

Boiler size kW	Buffer litres	External Footprint (m)			Fuel store volume m ³ - Pellet*	Fuel store volume m ³ - Chip*	Capacity tonnes - Pellet	Capacity tonnes - Chip
		L	W	H				
60	1,000	8.3	3.5	3.2	17	17	11	4.2
80	1,000	8.3	3.5	3.2	17	17	11	4.2
100	1,000	8.3	3.5	3.2	17	17	11	4.2
130	1,500	8.3	3.5	3.2	17	17	11	4.2
151	2,000	8.3	3.5	3.2	17	17	11	4.2
180	2,000	8.3	3.5	3.2	17	17	11	4.2
199	2,500	8.3	3.5	3.2	17	17	11	4.2

MEASUREMENTS – POD2 Wood Pellet

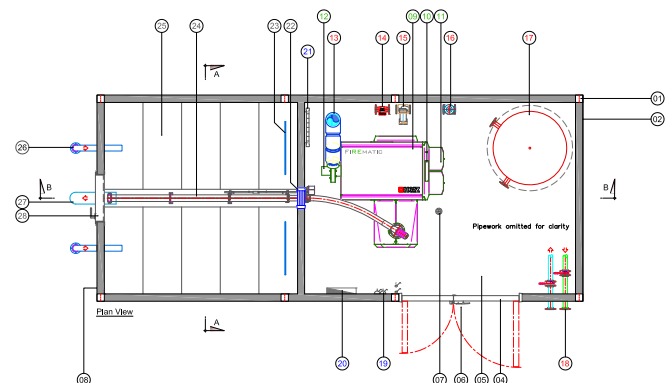
Boiler size kW	Buffer litres	Fuel type	External Footprint (m)			Fuel store volume m ³ *	Capacity tonnes
			L	W	H		
250	3,000	Pellet	12	3.8	3.6	25	16
301	3,000	Pellet	12	3.8	3.6	25	16
350	4,000	Pellet	12	3.8	3.6	25	16
400	4,000	Pellet	12	3.8	3.6	25	16
450	5,000	Pellet	12	3.8	3.6	25	16
500	5,000	Pellet	12	3.8	3.6	25	16

INTERIOR

- Herz biomass boiler with T-Control or BioControl
- Pipework from boiler to buffer
- Pipework from buffer to isolated external flanges
- Buffer tank sized accordingly with insulation
- Building Management System interface panel
- Iso-genopac pipe insulation
- Clean white internal finish on walls and ceiling
- Load bearing floor – smooth steel plate painted with non-slip finish
- Distribution board
- Small lights and power
- Electric wall mounted heater for frost protection
- Internal drain
- Large fuel store viewing panel in Perspex
- Low level sensor to detect low fuel level for reordering
- Internal fuel store for Heat Pod: up to 22m³ capacity for wood chip or 26m³ capacity for wood pellet

EXTERIOR

- Standard high spec Plasticoat (Plastisol) available in 32 RAL colours
- 1 x double access door (Heat Pod) 2 x double access doors (Heat Hub)
- External fuel store for Heat Hub: agricultural cylindrical wood pellet silo/steel octagonal wood chip fuel store



*Based on the calculated volume of wood fuel in the store that is truly useable. N.B. Illustration depicts full specification Heat Pod 1.