



Wood Energy Solutions

EcoCabin

Another exciting offering from WES incorporating the E-COMPACT Commercial Series of Biomass Boilers.



125-200kw Ecocabin
c/w 17 tonne fuel
store (wood exterior)



For large thermal energy users particularly those in off gas areas, the EcoCabin solution is an ideal opportunity to reduce heating costs and avail of the Renewable Heat Incentive (RHI).

The EcoCabin is a pre-packed solution with the biomass boiler, buffer tanks and controls pre-plumbed, pre-wired off site. It is delivered to the owners site in a 'ready to go' mode.

EcoCabin is attracting great interest from poultry, equestrian and mushroom farms, leisure centres, hotels, municipal buildings such as schools and civic offices, warehouses, factories and retail parks.

The EcoCabin structure is backed up by a 20 year warranty. WES takes care of delivery to site, unloading and commissioning.

Switching from Oil or LPG has never been easier.

EcoCabin



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COMPONENTS

- E-COMPACT Commercial Boiler 85-125 (199kW available Autumn 2012)
- Buffer Tank 1500-3000
- Heat Metre
- Fuel Transportation System - Auger or Vacfill/Schellinger mole options
- RHI Compliant Heat Metre
- Pre-wired & Pre-plumbed

Structure Characteristics

Exterior Aluminium Cladding, Chip Lat Wooden Cladding or Plasticol finish

Floor Suspended floor comprising Durbar Chequer plate floor

Insulation Walls, Doors and Roof insulated with envirofoam

Floor: 0.25 U Value

Walls: 0.34 U Value

Roof: 0.25 U Value

Handling Hooks on roof - unloading by crane



125-200kw Ecocabin without fuel store

ECOCABIN TECHNICAL CHARACTERISTICS

- Length: 10.14metres
- Width: 4.214metres
- Height: 2.98metres
- Ceiling Height: 2.5metres
- Weight Empty: 5250kgs
- Fuel Store: 17 tonnes (Ecocabin w/out Fuel store also available)
- Fuel store capacity: 26.3m³

LEVELS OF SUPPORT:

Tariff Name	Eligible Technology	Eligible Sizes	Tariff Rate (pence/kWh)	Tariff Duration (year)	Support Calculator
Small Biomass	Solid biomass: Municipal Solid Waste (Woodpellet, Woodchip)	Less than 200 kWh	Tier 1: 7.6p Tier 2: 2.0p	20	Metering Tier1 applies annually up to the Tier Break is installed: capacity x 1,314 peak load hours i.e. kWh x 1,314
Medium Biomass		200 kWh and above; less than 1,000 kWh	Tier 1: 4.7p Tier 2: 2.0p		
Large Biomass		1,000 kWh and above	1.0p		Metering

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MANUFACTURERS OF RENEWABLE HEATING PRODUCTS