

DUALTHERM BIOMASS BOILER

MANUFACTURED BY:

DOMUSA
T E K N I K

An innovative solution that uses two types of renewable fuels – wood and wood pellets, combined into a single product to create a fully automatic and user friendly solution. A log chamber and pellet hopper allow the boiler to run on either fuel whilst retaining performance and comfort normally reserved for conventional fuel boilers. Automatic changeover means that when the wood isn't replenished the boiler will switch to pellets by itself and having the pellet ignition system means no manual lighting of logs is necessary.

**2 YEAR*
WARRANTY**



FEATURES & BENEFITS

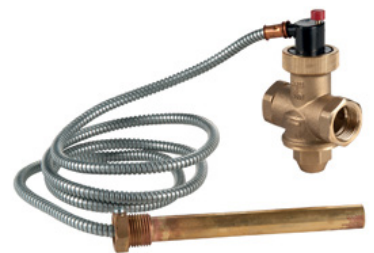
- Pellet/Wood Boiler
- Automatic Fuel Swap
- Pellet hopper included
- Heat exchanger and burner automatic cleaning system
- Automatic log ignition

CONFIGURATIONS

Dualtherm 25 Combined Wood & Wood Pellet
Dualtherm 35 Combined Wood & Wood Pellet



THERMAL SAFETY RELIEF VALVE



BUFFER TANK




HUNT HEATING
The smart choice.

SHOWROOM

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MODEL		DualTherm 25	DualTherm 35
Maximum heat output	kW	25	33
Efficiency at max heat output	%	91.2	92
Minimum heat output	kW	7.5	9.3
Efficiency at minimum heat output	%	90	91.5
CO at maximum heat output (10% O ₂)	mg/m ³	26	48
OGC (organic gaseous substances) at maximum heat output (10% O ₂)	mg/m ³	1	2
Particles content at maximum heat output (10% O ₂)	mg/m ³	7	13
Particles content at minimum heat output (10% O ₂)	mg/m ³	15	19
CO at minimum heat output (10% O ₂)	mg/m ³	106	141
OGC (organic gaseous substances) at minimum heat output (10% O ₂)	mg/m ³	3	3
Boiler class (according to EN 303-5)	-	Class 5	Class 5
Maximum operating pressure	bar	3	3
Maximum operating temperature	°C	85	85
Maximum safety temperature	°C	110	110
Water volume	litres	83	104
Minimum flue draught	mbar	0.15	0.15
Electrical supply	-	230 V ~, 50 Hz, 2.5 A	230 V ~, 50 Hz, 2.5 A
Boiler chimney diameter	mm	150	150
Fume temperature at rated power with pellet	°C	140	140
Mass flow rate of fumes (wet basis) at rated power	Kg/s	0.020	0.025
Fuel	-	Wood pellet Ø6mm. Max length 35 mm.	Wood pellet Ø6mm. Max length 35 mm.
Maximum water content of the fuel	%	7	7
Water pressure drop (dT = 20 K)	mbar	206	250
Stand by power	W	3	3
Weight (net)	Kg	423	454

Dimensions

