

## A fully automated renewable heating solution

### Technical Data

The heat requirement for a property should be designed in accordance with MCS 3005 and include a room by room heat loss calculation. The calculated heat requirement should then be matched to the output of the Tavistock Wood Pellet Biomass Boiler (see below). Please note that the information contained in these tables is for guidance purposes only. For exact quotations please contact the Firebird Technical Hub on **01752 691177** or **technicalhub@firebird.uk.com**.

		Tavistock 12kW (min/max)	Tavistock 18kW (min/max)	Tavistock 24kW (min/max)	Tavistock 35kW (min/max)
Width (cm)	cm	76	76	91	91
Depth (cm)	cm	79	79	79	79
Height (cm)	cm	128	128	128	128
Heat Output	kW	12.4	18.1	24.4	34.1
Useful Output to the Water	kW	3.5/11.4	3.5/16.5	6.0/22.2	6.1/30.8
Efficiency	%	92	91.3	90.1	90.2
Fuel Consumption (Pellets)	Kg/h	0.8/2.7	0.8/3.7	1.4/5.1	1.4/7.1
Tank Capacity	kg	60	60	100	100
Autonomy	h	22/75	16/75	19/71	14/71
Water Content	l	65	65	65	65
Ø Combustion Product Outlet	cm	10	10	10	10
Ø External Air Intake	cm	5	5	6	6
Weight including packaging	kg	280	280	320	320
Heatable Volume*	m <sup>3</sup>	315	470	580	805

Technical Characteristics in accordance with EN 303-5 Class 5.

\*The heatable volume is calculated based on the assumption of a heating demand of 33Kcal/m<sup>3</sup> hour.