

	TECHNICAL SPECIFICATIONS OF THE ECO PELLET BOILERS		Unit	BOILERS MODEL				
				AE40	AE85	AE135	AE200	
CAPACITY	Maximum heat output		kW	12	25	40	60	
			btu/h	40100	85300	136500	225000	
	Minimum heat output		kW	1,8	3,7	6	9	
			btu/h	5900	12800	20500	33800	
Efficiency		%	> 92%					
OPERATING CONDITIONS	Safety limit temperature		°C/°F	95 / 203				
	Max. operating temperature Min.		°C/°F	85 / 185				
	water return temperature		°C/°F	55 / 130				
	Opreating pressure		psi	10				
	Maximum boiler pressure		psi	30				
	electrical connection		-	120V _{ac} 60 Hz				
	Recomanded fuel type		-	6 to 8 mm High Quality pellets				
DIMENSIONS	W ₁ Cabin width		po	20	23.5	23.5	27.5	
	H ₁ Height		po	45.5	45.5	53.5	53.5	
	L ₁ Cabin depth		po	26	31	33	39	
	Boiler depth (+ 2, L ₂)		po	42	47	50.5	57.5	
	Flue pipe ØD1 / Chimney Ø ***		po	6 / 6	6 / 6	6 / 7	6 / 7	
	H ₂ Flue pipe height		po	29	23.5	34	34	
	Water volume		lt/gal	25 / 6.6	50 / 10.2	75 / 19.8	110 / 29	
	Empty weight		kg/lb	150 / 331	190 / 419	240 / 529	290 / 639	
	Packaging dimensons (LxHxD)		po	24x49x43	28x49x49	28x57x52	32x57x59	
	Total weight		kg/lb	170 / 375	215 / 474	270 / 595	330 / 727	
	Fill & drain valve		ØD ₂ Diameter	po	12"			
	Hot water outlet		ØD ₃ Diameter	po	1", Male		1½", Male	
			L ₃ Position	po	8		10	
H ₃ Position			po	40.5		48		
Cold water return		ØD ₄ Diameter	po	1", Male		1¼", Male		
		H ₄ Position	po	6		14		
SILOS	Stand fuel storage volume		lt/kg	300 / 200		500 / 330		
	W ₁ Width H ₁		po	25.5		31.5		
	Depth		po	33.5		35.5		
	Empty weight		kg/lb	35 / 77		45 / 100		