

Boiler information letter								
Contact details:		ATTACK, s.r.o. , Dielenská Kružná 5020, 038 61 Vrútky, Slovakia						
Model identifier		ATTACK PELLET 30 AUTOMATIC PLUS						
Stoking model: Automatic - the boiler should be operated with a hotwater storage tank of a volume of at least 575 l								
Condensing boiler		no	Solid fuel cogeneration boiler		no	Combination boiler		no
Energy efficiency class		A+						
Characteristics when operating with the preferred fuel only:								
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Useful heat output				Useful efficiency				
At rated heat output	P_n	29	kW	At rated heat output	η_n	82	%	
At [30%/50%] rated heat output, if applicable	P_p	7	kW	At [30%/50%] rated heat output, if applicable	η_p	85	%	
Seasonal energy efficiency of heating				Energy efficiency index				
Seasonal efficiency	η_s	80	%	EEI		113		
For solid fuel cogeneration boilers: Electrical efficiency				Auxiliary electricity consumption				
At rated heat output	$\eta_{el,n}$	-	%	At rated heat output	$e_{l,max}$	0,079	kW	
				At [30%/50%] rated heat output, if applicable	$e_{l,min}$	0,027	kW	
				In standby mode	P_{SB}	0,006	kW	
Fuel	Preferred fuel (only one)	Other suitable fuel(s)	Seasonal space heating emissions					
			PM	OGC	CO	NO _x		
							[x] mg/m ³ pri 10% O ₂	
Log wood, moisture content ≤ 25%	no	no	-	-	-	-		
Chipped wood, moisture content 15 - 35 %	no	no	-	-	-	-		
Chipped wood, moisture content > 35 %	no	no	-	-	-	-		
Compressed wood in the form of pellets or briquettes	yes	no	27	5	40	130		
Sawdust, moisture ≤ 50 %	no	no	-	-	-	-		
Other woody biomass	no	no	-	-	-	-		
Non-woody biomass	no	no	-	-	-	-		
Bituminous coal	no	no	-	-	-	-		
Brown coal (including briquettes)	no	no	-	-	-	-		
Coke	no	no	-	-	-	-		
Anthracite	no	no	-	-	-	-		
Blended fossil fuel briquettes	no	no	-	-	-	-		
Other fossil fuel	no	no	-	-	-	-		
Blended biomass (30 - 70 %) fossil fuel briquettes	no	no	-	-	-	-		
Other blend of biomass and fossil fuel	no	no	-	-	-	-		