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Sofia 1220, 8, Istoria Slavianobulgarska Blvd., Bulgaria

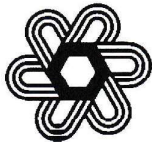
CERTIFICATION, TESTING, SUPERVISION OF DEVICES WITH INCREASED RISK

ECODESIGN REQUIREMENTS FOR SOLID FUEL BOILERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1189 IMPLEMENTING DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

№DI-202/08.04.2024

Manufacturer:	Mareli Systems Ltd
Model:	SBN 8
Reseller:	FERROLI POLAND SP. Z.O.O.
Trade name:	BIOPELLET PRO 8 kW
Stoking mode:	Central heating boiler with pellet burner
Condensing boiler:	No
Solid fuel cogeneration boiler:	Combination boiler:

Fuel	Preferred fuel (only one)	Other suitabl e fuel(s) :	η_s (%)	Seasonal space heating emissions			
				PM	OGC	CO	NO _x
				mg/m ³ at 10% O ₂			
Log wood, moisture content $\leq 25\%$	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	84	15	7	213	81
Sawdust, moisture content $\leq 50\%$	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					



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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	8.15	kW	At rated heat output	η_n	87.62	%
At (50%) of rated heat output if it's applicable	P_p	2.38	kW	At (50%) of rated output if applicable	η_p	89.45	%
For solid fuel cogeneration boilers: Electrical efficiency				Auxiliary electricity consumption			
At rated heat output	$\eta_{el,n}$	N.A.	%	At rated heat output	$e_{l_{max}}$	0.060	kW
				At (50%) of rated output if applicable	$e_{l_{min}}$	0.025	kW
				Of incorporated secondary emission abatement equipment, if applicable		N.A.	kW
				In standby mode	P_{SB}	0.001	kW

CONCLUSION:

Central heating boiler with pellet burner SBN 8 / BIOPELLET PRO 8 kW MEET THE REQUIREMENTS OF Annex II „Ecodesign Requirements” of REGULATION (EU) 2015/1189

Contact details	Name and address of the manufacturer or its authorised representative
Address: Al. W. Korfantego 138 City / Postal Code: 40-156 Katowice Country: POLAND	FERROLI POLAND SP. Z.O.O. Address: Al. W. Korfantego 138 City / Postal Code: 40-156 Katowice Country: POLAND

Prepared by: 
/M. Vasileva/

Manager: 
/M. Sc. L. Vasilev/

