

DECLARATION OF CONFORMITY

Steel fireplace insert ARD90x41.DGS

ARD90x41 Double sided Guillotine Standard of nominal power 18 kW fired with wood

manufactured by:

STALKO Spółka z ograniczoną odpowiedzialnością Spółka komandytowa (dawniej HITZE Sp. z o.o.)

ul. Solec 24/253, 00-403 Warszawa

Fireplace insert ARD90x41.DGS of ARDENTE line complies with conditions of ecoproject (ecodesign) determined by Commission Regulation implementing Directive 2015/1185 of 24 April 2015 of the European Parliament and of the Council 2009/125/WE with regard to ecodesign for solid fuel local space heaters.

Parameter	Symbol	Value	Unit	Ecoproject requirements
Seasonal space heating energy efficiency	n_s	70	%	≥ 65 for seasonal space heating energy efficiency of closed fronted solid fuel local space heaters using compressed wood in the form of pellets

	Parameter					
	Useful heat emitted at nominal heat output	Useful efficiency at nominal heat output	Emissions regarding seasonal space heating for recommended fuel			
			Solid particles	Organic gas particles OGC	Carbon monoxide CO	Nitrogen monoxide NO _x
Symbol	P_n	η_n	E_{sPM}	E_{sOGC}	E_{sCO}	E_{sNOx}
Value	18	79	35	24	584	105
Unit	kW	%	mg/m ³	mg/m ³	mg/m ³	mg/m ³
Ecoproject requirements:			≤ 40	≤ 120	≤ 1500	≤ 200

Declaration was issued on the base of the laboratory research given in the report No. 1015-CPR-30-13905 issued by the Strojirenský zkušební ústav, s.p. (Engineering Test Institute, Public Enterprise) Testing Laboratory 1015, Hudcova 424/ 56b, 621 00 Brno, Ceska republika.

ECODESIGN