

Contact details of the manufacturer

Manufacturer:	ThermoFLUX d.o.o.
Contact:	tfinfo@thermoflux.ba
Address:	Bage 3 70101 Jajce Bosnia and Herzegovina

Device Information

Model name	Agnes Wood
Equivalent models	-
Test laboratory	Technical University of Vienna, Getreidemarkt 9/166 1060 Vienna, Austria
Number of test laboratory:	1746
Test Report No:	PL-23041-P
Harmonized standards applied:	EN 13240:2001/A2-2004/AC:2007
Other standards/technical specifications applied	-
Indirect heating function	no
Direct heat output	8KW
Indirect thologic effect	-

Characteristics of operation with preferred fuel

Annual Utilization Factor for Space Heating	65,5
Annual factor of utilization of space heating when using electronic control	
Energy efficiency index	99
Energy efficiency index in the use of electronic control	

Special precautions for assembly, installation and maintenance

Fire protection and a safe distance from flammable materials must be strictly observed. There must always be enough air flowing into the fireplace for combustion. Air exhaust systems can prevent the flow of combustion air. When dimensioning the chimney, the exhaust gas values of the appliance must be taken into account.

Properties when operating exclusively with the preferred fuel

Heat effect			
Nominal heat output	P _{nom}	8,5	KW
Minimum heat output	P _{min}	4,2	KW
Thermal efficiency			
Efficiency at nominal heat output	η _{th,nom}	75,5	%
Efficiency at minimum heat output	η _{th,min}	75,5	%
Auxiliary energy consumption			
At nominal heat output	e _{lmax}	n.A.	KW
At minimum heat output	e _{lmin}	n.A.	KW
On standby mode	e _{l SB}	n.A.	KW
Power demand of pilot flames			
Power demand of pilot flames	P _{pilot}		KW

Type of thermal effect/room temperature control

Single-stage heat output, no room temperature control	yes
Two or more manually adjustable levels, without room temperature regulation (**)	no
Room temperature control with mechanical thermostat(**)	no
With electronic room temperature control (**)	no
With electronic room temperature control and time control (**)	no
With electronic room temperature control and weekday control (**)	no
Room temperature control with presence detection (**)	no
Room temperature control with open window detection (**)	no
With remote control options (**)	no

Fuel data

Fuel	Preferred fuel	Other customized fuel	η_s [%]	Space heating emissions at rated heat output (*)				Space heating emissions at minimum heat output (*), (**)			
				PM	OGC	CO	NOx	PM	OGC	CO	NOx
				mg/Nm ³ (13% O ₂)				mg/Nm ³ (13% O ₂)			
Logs, moisture content < 25%	Yes	-	65,5	21	30	742	118	-	-	-	-
Logs when using electronic regulation, moisture < 25%	No	-	-	-	-	-	-	-	-	-	-
Wood pressed, moisture content < 12%	No	-	-	-	-	-	-	-	-	-	-
Other woody biomass	No	-	-	-	-	-	-	-	-	-	-
Non-woody biomass	No	-	-	-	-	-	-	-	-	-	-
Anthracite and dry steam coal	No	-	-	-	-	-	-	-	-	-	-
Coal coke	No	-	-	-	-	-	-	-	-	-	-
Smoldering coke	No	-	-	-	-	-	-	-	-	-	-
Bituminous coal	No	-	-	-	-	-	-	-	-	-	-
Brown coal briquettes	No	-	-	-	-	-	-	-	-	-	-
Peat briquettes	No	-	-	-	-	-	-	-	-	-	-
Fossil fuel blend briquettes	No	-	-	-	-	-	-	-	-	-	-
Other fossil fuels	No	-	-	-	-	-	-	-	-	-	-
Biomass-solid fuel briquettes	No	-	-	-	-	-	-	-	-	-	-
Other mixtures of biomass and solid fuels	No	-	-	-	-	-	-	-	-	-	-

(*) PM = dust, OGC = gaseous organic compounds, CO = Carbon monoxide, NOx = Nitrogen oxides

(**) Only when applying the correction factor F(2) or F(3)

Signed for the manufacturer on behalf of the manufacturer:
Tomislav Ladan / owner and management, seal and illegible signature

Jajce, 04.08.2023.

