

The form according to COMMISSION DELEGATED REGULATION (EU) No. 2015/1186.

Model identifier(s): DHG 50 K							
Indirect heating functionality: [no]							
Direct heat output: 50(kW)							
Indirect heat output: N/A (kW)							
Fuel				Space heating emissions			
				NOx			
Select fuel type		liquid		Kerosene		108[mg/ kWh _{input}] (GCV)	
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Heat output				Useful efficiency (NCV)			
Nominal heat output	P _{nom}	50.0	kW	Useful efficiency at nominal heat output	η _{th,nom}	96	%
Minimum heat output (indicative)	P _{min}	N/A	kW	Useful efficiency at minimum heat output (indicative)	η _{th,min}	N/A	%
Auxiliary electricity consumption				Type of heat output/room temperature control (select			
At nominal heat output	e _{l,max}	0.900	kW	Single stage heat output, no room temperature control			[no]
At minimum heat output	e _{l,min}	N/A	kW	two or more manual stages, no room temperature control			[no]
In standby mode	e _{l,SB}	N/A	kW	with mechanic thermostat room temperature control			[no]
				with electronic room temperature control			[yes]
				with electronic room temperature control plus day timer			[no]
				with electronic room temperature control plus week timer			[no]
				Other control options (multiple selections possible)			
				room temperature control, with presence detection			[no]
				Room temperature control, with open window detection			[no]
				with distance control option			[no]
				with adaptive start control			[no]
				with working time limitation			[no]
				with black bulb sensor			[no]
Permanent pilot flame power requirement							
Pilot flame power requirement (if applicable)	P _{pilot}	0	kW				
Contact details	Stürmer Maschinen GmbH, Dr.-Robert-Pfleger-Str. 26, 96103 Hallstadt						

(*) NOx = nitrogen oxides

The seasonal space heating energy efficiency η_s

Item	Symbol	Value	Unit
The seasonal space heating Energy efficiency in active mode	$\eta_{S,on}$	96	%
Correction factor (F1)	/	0	%
Correction factor (F2)	/	4.0	%
Correction factor (F3)	/	0	%
Correction factor (F4)	/	0.9	%
Correction factor (F5)	/	0	%
Biomass label factor	BLF	1	/
The seasonal space heating energy efficiency η_s	η_s	89.1	%
Energy Efficiency Index (EEI):	EEI	89.1	%
Energy efficiency classes	A		

The form according to COMMISSION REGULATION (EU) 2024/1103.

Contact details		Stürmer Maschinen GmbH, Dr.-Robert-Pfleger-Str. 26, 96103 Hallstadt			
Model identifier(s): DHG 50 K					
Indirect heating functionality: [no]					
Direct heat output: 50 (kW)					
Indirect heat output: N/A (kW)					
Minimum permissible total flue duct length(vertical+horizontal pipe):NA (m)					
Fuel		Kerosene		Nitrogen oxides(NOx) emissions	
				Valve	unit
Select fuel type[liquid]				101	[mg/ kWh _{input}] (GCV)
Item	Symb	Valve	Unit	Item	Symbol Valve Unit
Heat output			Efficiency (NCV)		
Nominal heat output	P_{nom}	50.0	kW	Useful efficiency at nominal heat output	$\eta_{th,nom}$ 96 %
Minimum heat output (indicative)	P_{min}	N/A	kW	Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$ N/A %
			Seasonal space heating energy efficiency		
			η_s 81.1 %		
Auxiliary electricity consumption			Type of heat output/room temperature control (select one)		
At nominal heat output	$e_{l,max}$	0.9	kW	Single stage heat output, no room temperature control	[no]
At minimum heat output	$e_{l,min}$	N/A	kW	Two or more manual stages, no room temperature control	[no]
			Mechanic thermostat room temperature control		
			electronic room temperature control		
			Electronic room temperature control plus day timer		
			Electronic room temperature control plus week timer		
			Other control options (multiple selections possible)		
			room temperature control, with presence detection		
			Room temperature control, with open window detection		
			distance control option		
			adaptive start control		
			working time limitation		
			black bulb sensor		
			Self-learning functionality		
			Control accuracy		
Power consumption					
In off-mode	P_0	N/A	W		
In standby mode	P_{sm}	N/A	W		
In idle mode	P_{dle}	N/A	W		
In networked standby mode	P_{nsm}	N/A	W		
Standby mode with display of information or status		[no]			
Permanent pilot flame power requirement					
Pilot flame power requirement (if applicable)	P_{pilot}	0	kW		