

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

Model identifier(s): GHG 50 (for category I3B/P at 1500mbar)							
Indirect heating functionality: [no]							
Direct heat output: 50(kW)							
Indirect heat output: N/A (kW)							
Fuel				Space heating emissions			
				NOx			
Select fuel type		[gaseous]		G30		78 [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}	100	%
Minimum heat output (indicative)	P _{min}	30.0	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}	0.07	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	[yes]		
In standby mode	e _{l,SB}	N/A	kW	with mechanic thermostat room temperature control	[no]		
				with electronic room temperature control	[no]		
				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	[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	$\eta_{s,on}$	100	%
Correction factor (F1)	/	0	%
Correction factor (F2)	/	1	%
Correction factor (F3)	/	0	%
Correction factor (F4)	/	0.07	%
Correction factor (F5)	/	0	%
Biomass label factor	BLF	1	/
The seasonal space heating energy efficiency η_s	η_s	90.9	%
Energy Efficiency Index (EEI):	EEI	90.9	%
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): GHG 50 (for category I3B/P at 1500mbar)			
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	G30		Nitrogen oxides(NOx) emissions
			Valve unit
Select fuel type[gaseous/liquid]		78	[mg/ kWh _{input}] (GCV)
Item	Symb	Valve	Unit
Item	Symbol	Valve	Unit
Heat output		Efficiency (NCV)	
Nominal heat output	P_{nom}	50.0	kW
Minimum heat output (indicative)	P_{min}	30.0	kW
		Useful efficiency at nominal heat output	$\eta_{th,nom}$ 100 %
		Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$ N/A %
		Seasonal space heating energy efficiency	η_s 75.0 %
Auxiliary electricity consumption		Type of heat output/room temperature control (select one)	
At nominal heat output	$e_{l,max}$	0.07	kW
At minimum heat output	$e_{l,min}$	N/A	kW
		Single stage heat output, no room temperature control	[no]
		two or more manual stages, no room temperature control	[yes]
		Mechanic thermostat room temperature control	[no]
		electronic room temperature control	[no]
		Electronic room temperature control plus day timer	[no]
		Electronic room temperature control plus week timer	[no]
Power consumption		Other control options (multiple selections possible)	
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]	
		room temperature control, with presence detection	[no]
		Room temperature control, with open window detection	[no]
		distance control option	[no]
		adaptive start control	[no]
		working time limitation	[no]
		black bulb sensor	[no]
		Self-learning functionality	[no]
		Control accuracy	[no]
Permanent pilot flame power requirement			
Pilot flame power requirement (if applicable)	P_{pilot}	0	kW