

Manufacturer					Barbas BV, Hallenstraat 17, 5531 AB Bladel, The Netherlands												
Product name					Barbas												
Model identifier					Gas Fire Smart 45-60 MagniFire												
Equivalent models					N/A												
Test report nr.					200601986 by KIWA Nederland BV												
Harmonised European standards					EN 613:2021												
Indirect heating functionality					no												
Fuel type					gaseous												
Minimum permissible total flue duct length					1 meter vertical - 90° bend - 0.6 meter horizontal wall bushing												
Energy Efficiency Index (EEI) - [(EU)2015/1186]					0												
Fuel	Fuel type	Nitrogen oxides (NO _x) emission	Heat output						Efficiency (NCV)								
			Nominal heat output			Minimum heat output			Useful efficiency at nominal heat output			Useful efficiency at minimum heat output (indicative)			Seasonal space heating energy efficiency		
		[mg/kWh _{input}] (GCV)	Symbol	Value	Unit	Symbol	Value	Unit	Symbol	Value	Unit	Symbol	Value	Unit	Symbol	Value	Unit
High calorific natural gas	G20	0	P _{nom}	0.0	kW	P _{min}	0.0	kW	η _{th,nom}	0.0	%	η _{th,min}	0.0	%	η _s	0.0	%
Low calorific natural gas	G25	0	P _{nom}	0.0	kW	P _{min}	0.0	kW	η _{th,nom}	0.0	%	η _{th,min}	0.0	%	η _s	0.0	%
Butane 28-30 / 50 mbar	G30	0	P _{nom}	0.0	kW	P _{min}	0.0	kW	η _{th,nom}	0.0	%	η _{th,min}	0.0	%	η _s	0.0	%
Propane 30 / 50 mbar	G31	0	P _{nom}	0.0	kW	P _{min}	0.0	kW	η _{th,nom}	0.0	%	η _{th,min}	0.0	%	η _s	0.0	%
Propane 37 mbar	G31	0	P _{nom}	0.0	kW	P _{min}	0.0	kW	η _{th,nom}	0.0	%	η _{th,min}	0.0	%	η _s	0.0	%

Auxiliary power consumption				
	Symbol	Value	Unit	
At nominal heat output	e _{l,max}	0.090	kW	
At minimum heat output	e _{l,min}	0.0003	kW	

Power consumption				
	Symbol	Value	Unit	
In off-mode	P ₀	0	W	
In standby mode	P _{sm}	0	W	
In idle mode	P _{idle}	0	W	
In networked standby mode	P _{nsm}	0	W	
Standby mode with display of information or status	No			

Permanent pilot flame power requirement				
	Symbol	Value	Unit	
Pilot flame power requirement (if applicable)	P _{pilot}	N/A	kW	

Type of heat output/room temperature control (select one)	
single stage heat output, no room temperature control	no
two or more manual stages, no room temperature control	no
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	yes
Other control options (multiple sections possible)	
room temperature control, with presence detection	no
room temperature control, with open window detection	no
distance control option	yes
adaptive start control	no
working time limitation	no
with black bulb sensor	no
Self-learning functionality	yes
control accuracy	yes