

Declaration of performance



No CPR-F520-26062025


1	Unique identification code of the product-type	JØTUL F 520, JØTUL F 520 HT, JØTUL F 520 LB
2	Intended use(es)	Space heating in residential buildings
3	Manufacturer	Jøtul AS Postboks 1411 1602 Fredrikstad, Norway
4	Authorised representative	-
5	System(s) of AVCP	System 3
6	Harmonised standard	EN 16510-2-1:2022
	Notified body(ies)	NB-1235 (DTI)
	Test report number	1235-CPR-ELAB-1835 (freestanding)-rev. 2
7	Declared performance:	
	Essential characteristics	Performances
	Mechanical resistance and stability	
	Load bearing capacity	120 kg
	Safety in case of fire	
	<i>Protection of combustible materials for unisolated flue gas connector</i>	
	Minimum distance to combustible materials - from bottom	$d_B = 0$ mm
	Minimum distance to combustible materials - floor in front	$d_F = 0$ mm
	Minimum distance to combustible materials - ceiling	$d_C = 750$ mm
	Minimum distance to combustible materials - rear	$d_R = 300$ mm
	Minimum distance to combustible materials - side	$d_S = 700$ mm
	Minimum distance to combustible materials - side radiation area	$d_L = 0$ mm
	Minimum distance to adjacent combustible materials (e.g. furniture)	$d_P = 900$ mm
	<i>Protection of combustible materials for half insulated flue gas connector or convection shield</i>	
	Minimum distance to combustible materials - from bottom	$d_B = 0$ mm
	Minimum distance to combustible materials - floor in front	$d_F = 0$ mm
	Minimum distance to combustible materials - ceiling	$d_C = 750$ mm
	Minimum distance to combustible materials - rear	$d_R = 100$ mm
	Minimum distance to combustible materials - side	
	two side glass panels	$d_S = 700$ mm
	side with cast iron plate	$d_S = 500$ mm
	side with cast iron plate and convection shield	$d_S = 250$ mm
	Minimum distance to combustible materials - side radiation area	$d_L = 0$ mm
	Minimum distance to adjacent combustible materials (e.g. furniture)	$d_P = 900$ mm
	Hygiene, health and environment	
	<i>Emissions at nominal heat output</i>	
	Carbon monoxide emission (CO)	988 mg/m ³
	Nitrogen oxides emission (NO _x)	49 mg/m ³
	Emission of organic gaseous carbon (OGC)	72 mg/m ³
	Particulate matter emissions (PM)	13 mg/m ³

<i>Emissions at part load heat output</i>		
Carbon monoxide emission (CO)		NPD mg/m ³
Nitrogen oxides emission (NO _x)		NPD mg/m ³
Emission of organic gaseous carbon (OGC)		NPD mg/m ³
Particulate matter emissions (PM)		NPD mg/m ³
Safety and accessibility in use		
<i>Data for installation to a chimney at nominal heat output</i>		
Flue gas outlet temperature		370 °C
Minimum flue draught		13 Pa
Flue gas mass flow		7,3 g/s
<i>Data for installation to a chimney at part load heat output</i>		
Flue gas outlet temperature		NPD °C
Minimum flue draught		NPD Pa
Flue gas mass flow		NPD g/s
<i>Data for installation to a chimney regarding fire safety on safety test heat output</i>		
Fire safety of installation to the chimney		T400 G
Energy economy and heat retention		
<i>Appliance's thermal output and energy efficiency at nominal heat output</i>		
Space heat output		7,5 kW
Water heat output, if available		NPD kW
Efficiency		77 %
<i>Appliance's thermal output and energy efficiency at part load heat output</i>		
Space heat output		NPD kW
Water heat output, if available		NPD kW
Efficiency		NPD %
<i>Space heating efficiency</i>		
Seasonal space heating efficiency at nominal heat output		67 %
Energy efficiency	Energy Efficiency Index (EEI)	102
	Energy efficiency class	A
Electric power consumption at appliance's nominal heat output (if available)		0,01 kW
Electric power consumption at appliance's part load heat output (if available).		NPD kW
Power consumption in standby mode (if available)		NPD kW
Sustainable use of natural resources		
Environmental sustainability		NPD
"NPD" (No Performance Determined), if no quality is stated		

The performance of the product identified above is in conformity with the set of declared performance/s.
This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Espen Auensen (R&D Manager)



Place and date of issue:
Fredrikstad
26.06.2025