H470

LOTUS
QUALITY FIRST

CARACTERÍSTICAS PRINCIPAIS
- Vidro BLACK MAGIC
- EcoDesign 2022
- Convecção Natural

A+



VERSÕES DISPONÍVEIS

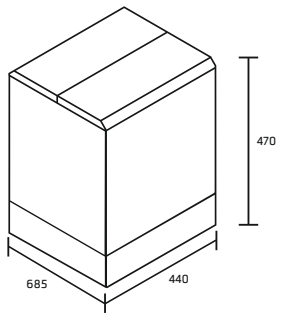


ESPECIFICAÇÕES TÉCNICAS

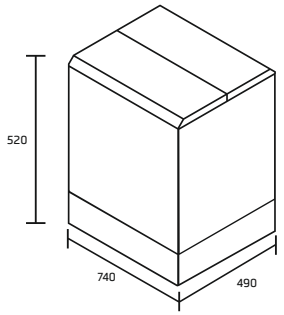
POTÊNCIA TÉRMICA NOMINAL	6,0 kW
GAMA DE POTÊNCIA	****
RENDIMENTO	84,0 %
PESO	95 Kgs
CAPACIDADE DO DEPÓSITO	****
TIPO DE COMBUSTÍVEL	Lenha
CONSUMO	1,7 Kgs/H
AUTONOMIA	****
ALIMENTAÇÃO	****
POTÊNCIA ELÉTRICA NOMINAL	****
ÁREA DE AQUECIMENTO	30 a 120 m²
DIÂMETRO DE SAÍDA DE FUMOS	150 mm
DIÂMETRO ENTRADA DE AR	****
TEMPERATURA SAÍDA DE FUMOS	292 °C
TIRAGEM DA CHAMINÉ	12 Pa
SAÍDA DE FUMOS	Superior
FLUXO DE MASSA DE FUMOS	****
EMISSÕES CO (13% O_2)	0,10 %
CERTIFICAÇÃO EN	13240

DIMENSÕES

MEDIDAS DO EQUIPAMENTO (mm)



MEDIDAS DA EMBALAGEM (mm)



1) Os valores descritos têm como consideração uma habitação com isolamento médio e para uma altura de 2,65mts K2=35w/m^3/h
2) Os equipamentos têm uma garantia de 5 anos ao corpo e 2 anos aos componentes excluindo aqueles que se encontram em contato direto com o fogo
3) Os campos que contenham as iniciais N.D. significa Não Disponível (o fabricante não disponibilizou/não tem disponíveis os dados)

ChamiLar® energias renováveis

SHOWROOM
Rua São João, Lote 2, Loja 3
Repeses, 3500-727 Viseu
Tlf. +351 232 460 058
E-MAIL. loja@chamilar.pt

SEDE
Rua da Castelhana, 73
Vila Chã de Sá, 3510-920 Viseu
Tlf. +351 232 952 252
E-MAIL. geral@chamilar.pt

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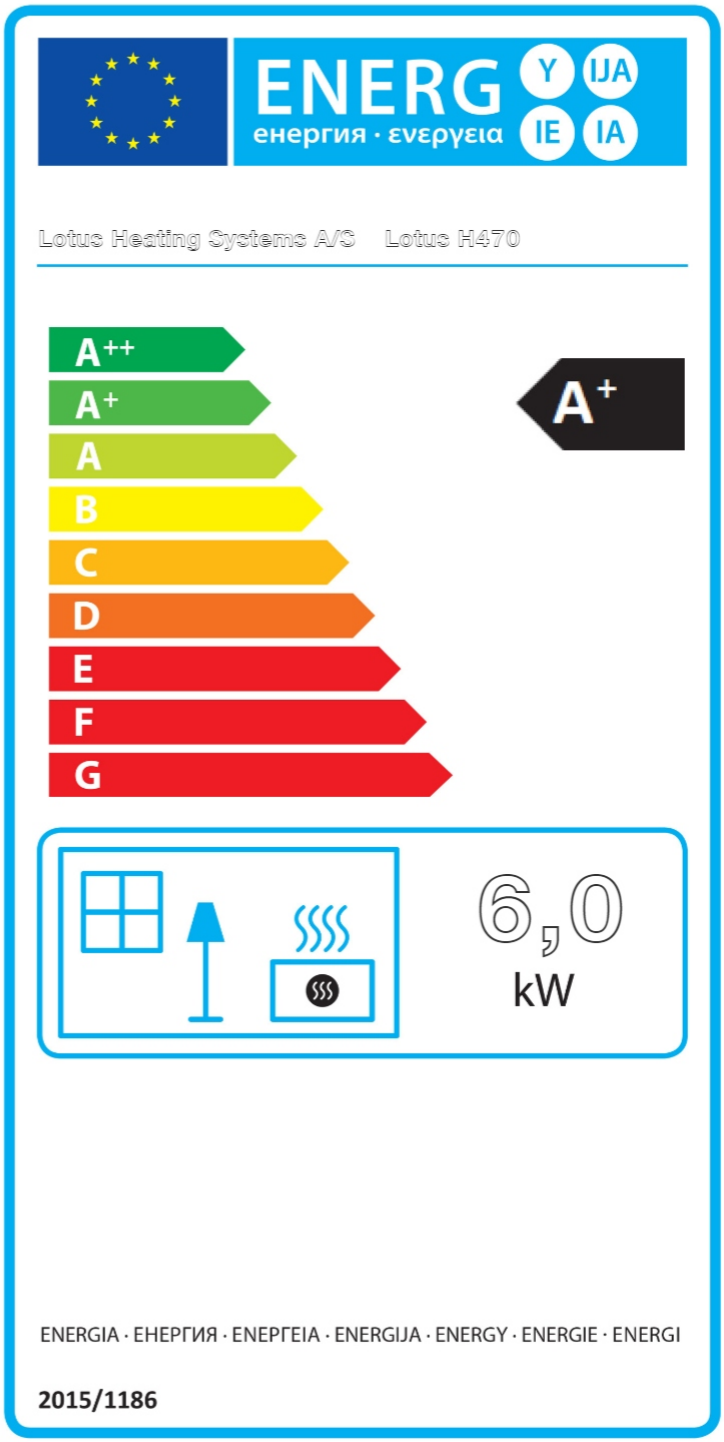
Lotus H470

Ecolabel



Product Fiche

Name or trademark	Lotus	Notes
Model identifier	Lotus H470	
Energy efficiency class	A+	
Direct heat output	6,0 kW	· Meaning the space heat output according to the product standard · Rounded to the nearest one decimal place
Energy efficiency index (EEI)	113	· Rounded to the nearest integer
Energy efficiency at nominal heat output	84 %	· Efficiency at nominal heat output according to the product standard (rounded to the nearest one decimal place)
Specific precautions that shall be taken when assembling, installing or maintaining the local space heater.	**Selected examples:** · Fire protection and safety distances such as distances to combustible building materials must be observed! · An adequate supply of combustion air for the appliance must be guaranteed at all times. Air-suction systems can interfere with the combustion air supply!	

Nr.:031

Declaration of Performance (DoP)

H470,H570-CPR-2025/11/09-V1

Product

1. Identification	Lotus H470, H570, Beto 470 series
2. Intended use	Space heating in residential buildings
Product type	Inset appliances including open fires for solid fuel
Type of appliance	BE

Manufacturer

3. Name	Lotus Heating Systems A/S
Address	Agertoften 6, 5550 Langeskov DK

Certificate

4. System of AVCP	System 3
5. Harmonized technical standard	Reihn-Ruhr Feuerstätten Prüfstelle, NB 1625 Test report: 1625-AoP-CPR-1022 25 2104 EN 16510-2-2:2022

6. **Declared performance**

Essential characteristics	Performance			Harmonized technical specification
Minimum distance to combustible materials	d_B	300	mm	EN 16510-2-2:2022
	d_F	0	mm	
	d_C	750	mm	
	d_R	0	mm	
	d_S	0	mm	
	d_L	720	mm	
	d_P	800	mm	
	s	60/60/NPD/40*+**	mm	
Emissions at nominal heat output	CO	1125	mg/Nm³	
	NOx	105	mg/Nm³	
	OGC	74	mg/Nm³	
	PM	18	mg/Nm³	
Flue gas outlet temperature		302	°C	
Minimum flue draught		12	PA	
Flue gas mass flow		4,8	g/s	
Flue gas outlet temperature – Part load		NPD	°C	
Minimum flue draught – Part load		NPD	PA	
Flue gas mass flow – Part load		NPD	g/s	
Fire safety of installation to the chimney		T400-G		
Space heat output		6	kW	
Water heat output		NPD		
Efficiency		84	%	
Seasonal efficiency		74	%	
Energy efficiency		112 A+		
Environmental sustainability		NPD		

*Back/Side/Ceiling/Floor
**Insulation: Isolrath 1000

7. 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:

Langeskov, Denmark
04.12.2025

Lars U. Borch, CEO / Managing Director
Lotus Heating Systems A/S

Declaration of Conformity (DoC)

Manufacturer

Lotus Heating Systems A/S, Agertoften 6, 5550 Langeskov. +45 6323 7070

Product type

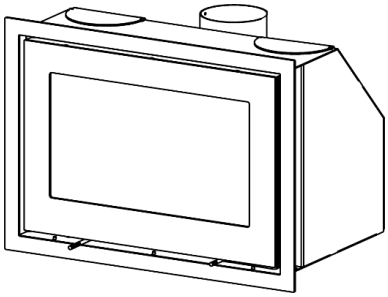
Inset appliances including open fires for solid fuel

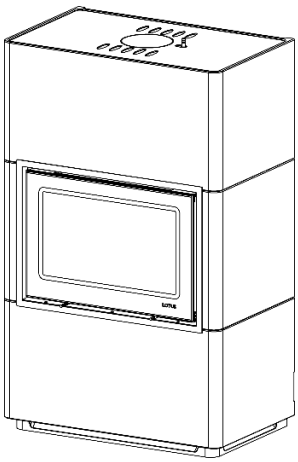
Dokumentation

www.lotusstoves.com

Identification

Lotus H470, H570, Beto 470 series





EU Union legislation:

Top level directives and regulations

DIR 2009/125/EC - Energy Related Products Directive (ecodesign)
REG (EU) 305/2011- Construction Products Regulation (CPR)
REG (EU) 2017/1369 - Energy Labelling Regulation

Implementation measures incl regulations and delegated acts

(EU) 2015/1186 (EL) - Energy labelling delegated act on Room heaters
(EU) 2015/1185 (ED) - Ecodesign regulation on Room heaters
2017/C 076/02 - COM Transitional methods OJ EU C76 Vol 60

Harmonized standards, other standards and technical specifications

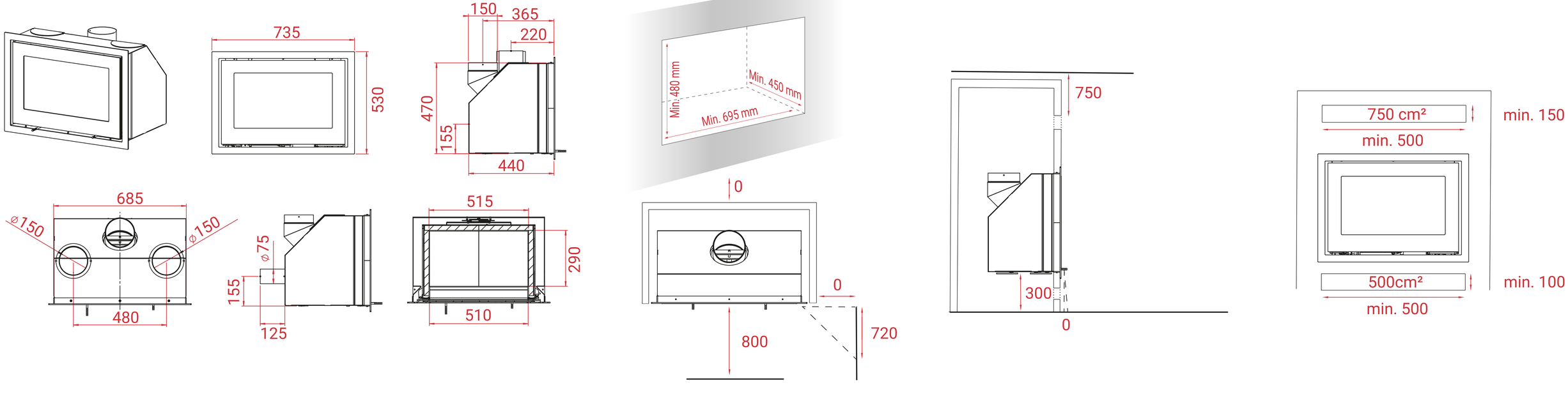
EN 16510-1:2022 - General requirements and test method
EN 16510-2-1:2022 – Room heaters

This manufacturer's declaration confirms the compliance with the requirements of Regulation (EU) 2015/1185 and the notification in the Official Journal 2017 / C 076/02 of the European Commission.

Signed on behalf of manufacturer:

Langeskov, Denmark
09.11.2025

Lars U. Borch, CEO / Managing Director
Lotus Heating Systems A/S


735
530
150
365
220
470
155
440
Min. 480 mm
Min. 450 mm
Min. 695 mm
685
⌀150
⌀150
480
⌀75
155
125
515
290
510
0
0
800
720
750
300
0
750 cm²
min. 150
min. 500
500cm²
min. 100
min. 500