H570-T Dupla Face

LOTUS
QUALITY FIRST

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

A+



VERSÕES DISPONÍVEIS

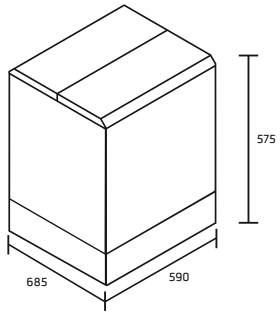


ESPECIFICAÇÕES TÉCNICAS

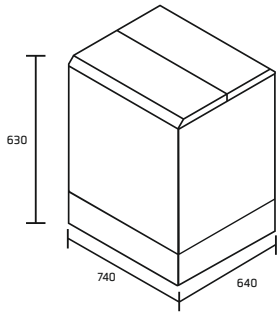
POTÊNCIA TÉRMICA NOMINAL	6,0 kW
GAMA DE POTÊNCIA	****
RENDIMENTO	80,5 %
PESO	155 Kgs
CAPACIDADE DO DEPÓSITO	****
TIPO DE COMBUSTÍVEL	Lenha
CONSUMO	2,0 Kgs/H
AUTONOMIA	****
ALIMENTAÇÃO	****
POTÊNCIA ELÉTRICA NOMINAL	****
ÁREA DE AQUECIMENTO	30 a 130 m^2
DIÂMETRO DE SAÍDA DE FUMOS	150 mm
DIÂMETRO ENTRADA DE AR	****
TEMPERATURA SAÍDA DE FUMOS	248 °C
TIRAGEM DA CHAMINÉ	12 Pa
SAÍDA DE FUMOS	Superior
FLUXO DE MASSA DE FUMOS	****
EMISSÕES CO (13% O_2)	0,09 %
CERTIFICAÇÃO EN	13229

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

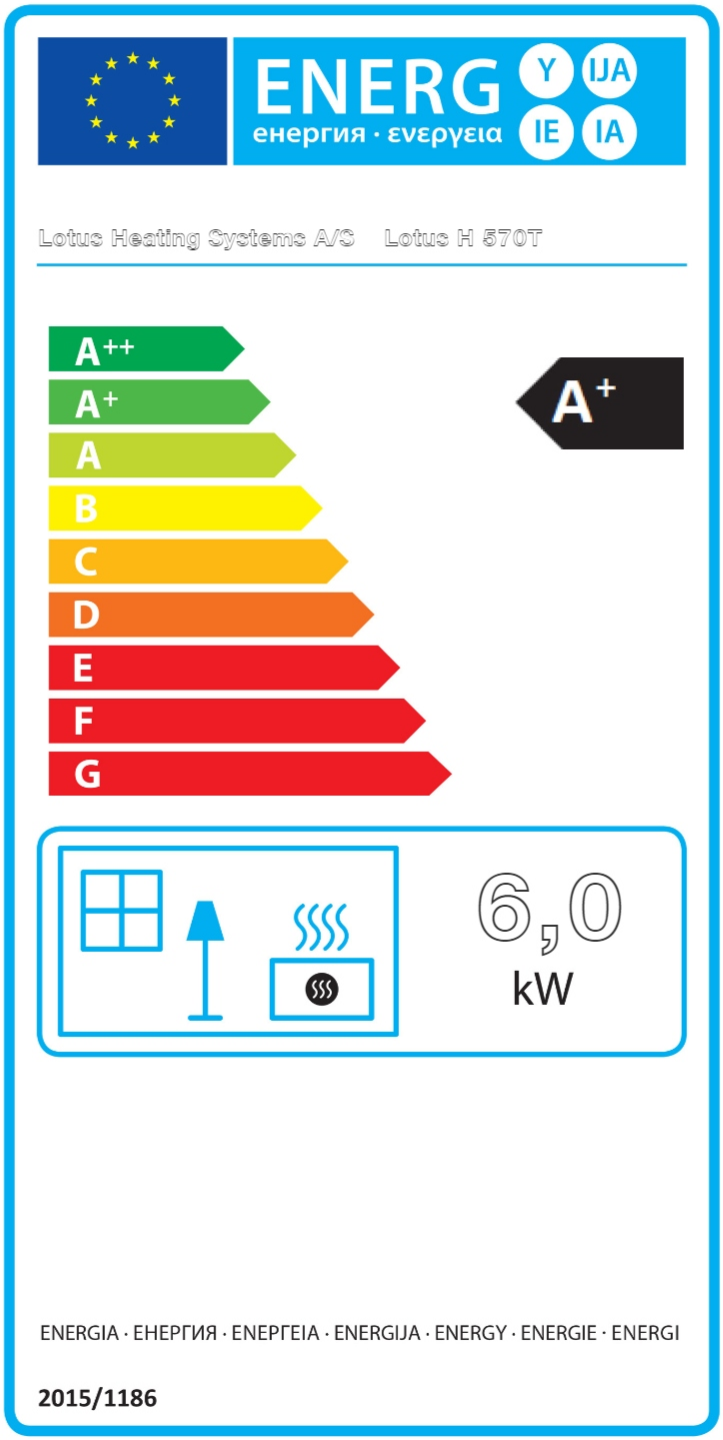
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Tlf. +351 232 460 058
E-MAIL. loja@chamilar.pt

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chamilar.pt/
chamilar_energias_renovaveis/

Lotus H 570T

Ecolabel



Product Fiche

Name or trademark	Lotus	Notes
Model identifier	Lotus H 570T	
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)	108	· Rounded to the nearest integer
Energy efficiency at nominal heat output	80,4 %	· 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!	

Declaration of performance (DOP)

H 570 T - CPR-2015/03/18

Product type	Insert
Type	H 570 T
Serial Number	See EN-label
Intended use of the product	Room heater, without hot water supply
Fuel	Solid fuel
Manufacturer	Lotus Heating Systems A/S
Address of the manufacturer	Agertoften 6 5550 Langeskov DK
System of assessment and verification of constancy of performance of the product. AVCP	System 3
Harmonized tecnical specification	EN EN 13 229: 2001/A2:2004/AC:2007
Notified Laboratory	Reihn-Ruhr Feuerstätten Prüfstelle, 1625 Test report: RRF-29 08 1600

Declared performance

Essential characteristics	Performance	Harmonized tecnical specification
Reaction to fire	A1 WT	
Distance to combustible materials	Minimum distance rear: 800mmmm Sides: Outside insulation 0mm Front: 800mm	
Risk of burning fuel falling out	Pass	
Emission of combustion products	CO: 0,1 % CO: 1250 mg/Nm³ Dust: 29 mg/Nm³ Dust NS: g/kg dried wood OGC: 51 mg/Nm³ NOx: 86 mg/Nm³	EN EN 13 229: 2001/A2:2004/AC:2007
Surface temperature	Pass	
Cleanability	Pass	
Mechanical resistance(cary a flue)	Pass	
Risk of fuel falling out	Pass	
Norminal heat output	6	
Energy efficency	80,5 %	
Flue gas temperature at nominal heat output	310 °C	

Signed for and on behalf of the manufacturer by.



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

Declaration of conformity

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.

Manufacturer	Lotus Heating Systems A/S, Agertoften 6, 5550 Langeskov. +45 63237070
Product type	Room heater for solid fuel (wood logs only)
Model identifier	Lotus H570 series
Dokumentation	www.lotusstoves.com
Requeirements	EN 13 229: 2001/A2:2004/AC:2007

EU Union legislation:

	Reference	Date	Title
Top level directives and regulations			
	DIR 2009/125/EC	21/10/2009	Energy Related Products Directive (ecodesign)
	REG (EU) 305/2011	9/3/2011	Construction Products Regulation (CPR)
	REG (EU) 2017/1369	4/7/2017	Energy Labelling Regulation
Implementation measures incl regulations and delegated acts			
	(EU) 2015/1186 (EL)	24/4/2015	Energy labelling delegated act on Room heaters
	(EU) 2015/1185 (ED)	24/4/2015	Ecodesign regulation on Room heaters
	2017/C 076/02	10/3/2017	COM Transitional methods OJ EU C76 Vol 60
Harmonized standards, other standards and technical specifications			
	EN 13240:2001	7/4/2001	Room heaters fired by solid fuel
	EN 13240/A2:2004	28/10/2004	Harmonization of EN13240 by Annex ZA
	prEN 16510-1 (2013 ed)	January 2013	Emission measurement methods prior to 2018
	CEN/TS 15883	8/9/2009	Emission measurement from 2009
	EN 16510-1:2018	31/7/2018	Emission measurement methods 2018 onwards

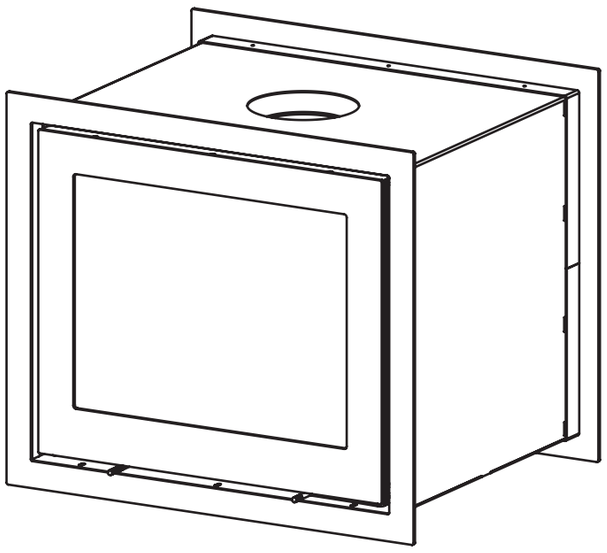
Limit values

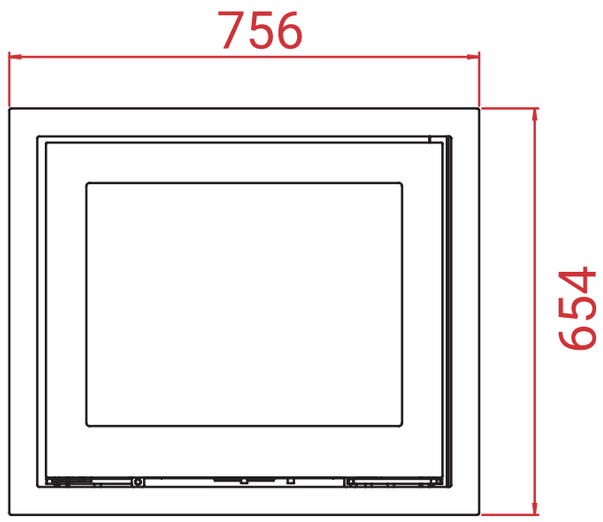
η_s [%] Seasonal Heating efficiency	CO [mg/m^3] (13% O_2)	PM [mg/m^3] (13% O_2)	PM [g/kg] (13% O_2)	NOx [mg/m^3] (13% O_2)	C_{OGC} [mg/m^3] (13% O_2)
≥65%	≤ 1500	≤ 40	≤ 5	≤ 200	≤ 120

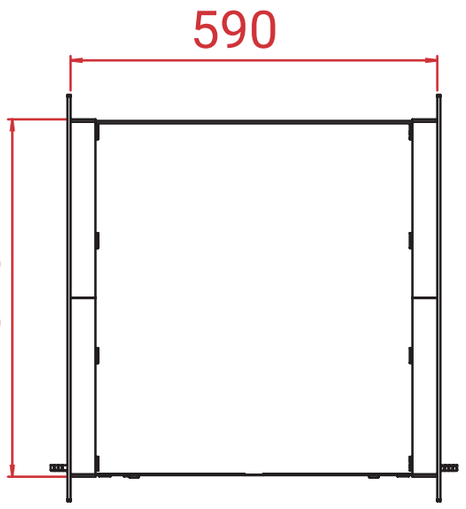
Datum: 03/01-2022

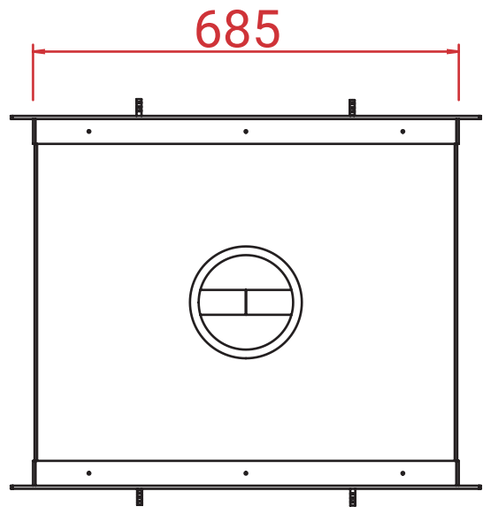


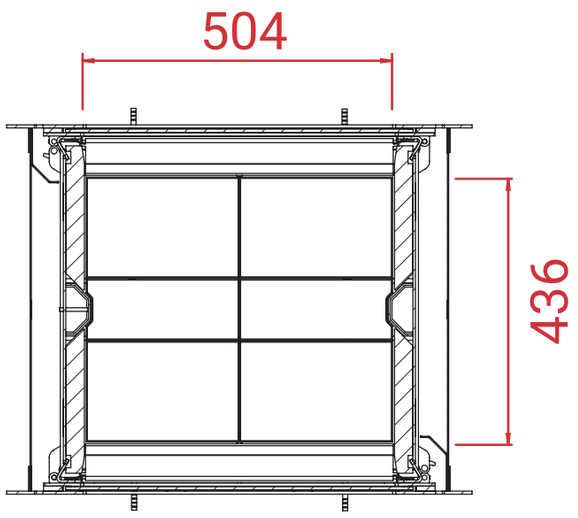
Lars U. Borch **Lotus Heating Systems A/S**

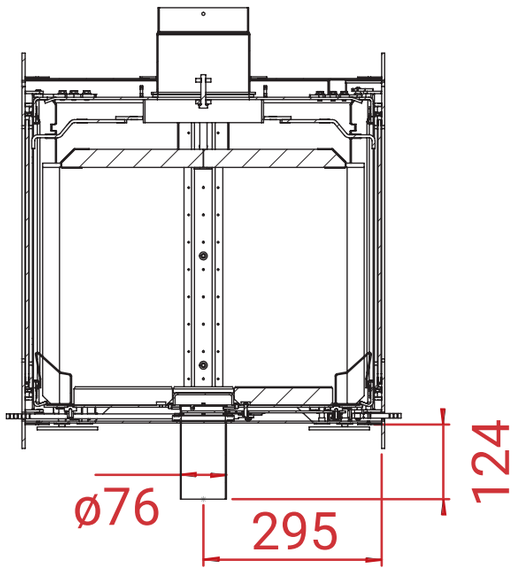


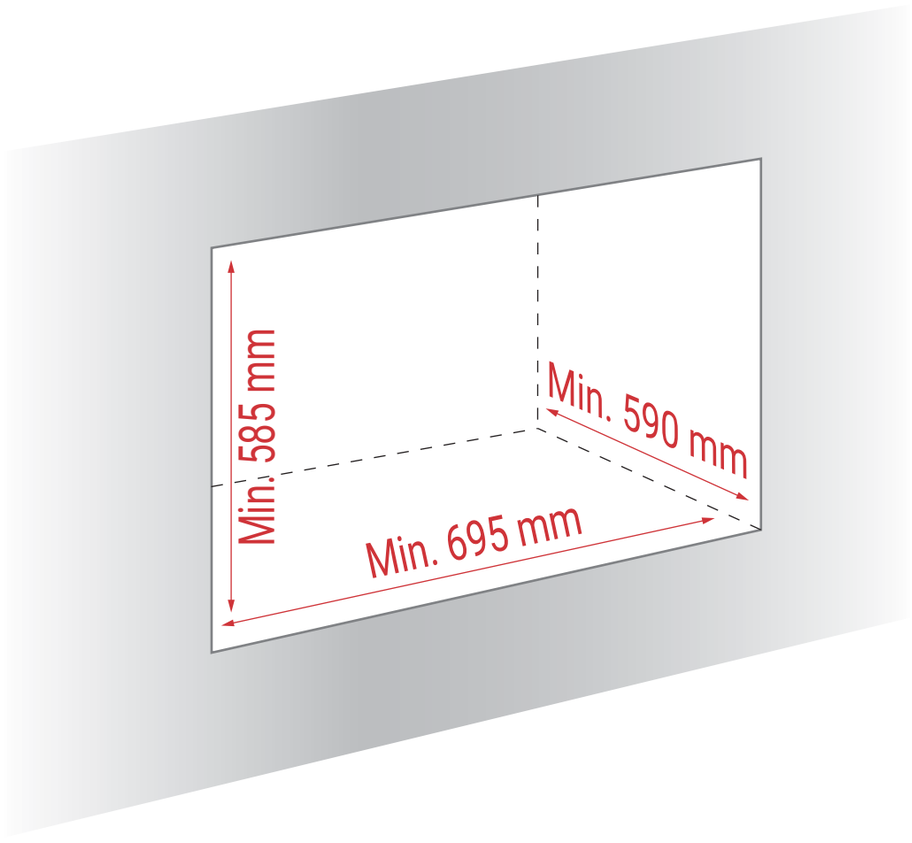

756
654


590
575


685


504
436


124
ø76
295


Min. 585 mm
Min. 590 mm
Min. 695 mm