

Ecodesign

EU Declaration of Conformity

DoC Inspire 45 1987-2014

Product fiche



Manufacturer	Heta A/S
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Model identifier	Inspire 45, 45H
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The identified product described above is in conformity with:
The relevant EU harmonized regulations:
DIR 2009/125/EF
REG (EU) 2015/1185
REG (EU) 2015/1186
REG (EU) 2017/1369
REG (EU) 305/2011
The relevant harmonized standards
EN 13240:2001/A2:2004
CEN/TS 15883:2010

Characteristics when operating with the preferred fuel only		
Heat output		
Item	Symbol	Value/Unit
Nominal heat output	P_{nom}	4,5 kW
Minimum heat output	P_{min}	
Useful efficiency (NCV as received)		
Useful efficiency at nominal heat output	$\eta_{th, nom}$	84%
Useful efficiency at minimum heat output	$\eta_{th, min}$	
Auxiliary electricity consumption		
At nominal heat output	el_{max}	- kW
At minimum heat output	el_{min}	- kW
In standby mode	el_{SB}	- kW


Type of heat output/room temperature control	
single stage heat output, no room temperature control	Yes
two or more manual stages, no room temperature control	No
with electronic 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	
room temperature control, with presence detection	No
room temperature control, with open window detection	No
with distance control option	No

Notified body relevant to the assessment and verification of constancy of performance
Danish Technological Institute, DK-8000 Aarhus No. 1235. Report no. 300-ELAB-1987-EN Rev. 1

Fuel	Preferred fuel	Other suitable fuel
Wood logs with moisture content $\leq 25\%$	Yes	No
Compressed wood with moisture content $< 12\%$	No	No
Other woody biomass	No	No
Non-woody biomass	No	No
Anthracite and dry steam coal	No	No
Hard coke	No	No
Low temperature coke	No	No
Bituminous coal	No	No
Lignite briquettes	No	No
Peat briquettes	No	No
Blended fossil fuel briquettes	No	No
Blended biomass and fossil fuel briquettes	No	No
Other blend of biomass and solid fuel	No	No

Emissions at nominal heat output	$\eta_s\%$	mg/Nm ³ (13 % O ₂)			
		PM	OGC	CO	NO _x
	≥ 65	≤ 40	≤ 120	≤ 1500	≤ 200
	74	13	87	1052	112

Technical documentation	
Indirect heating functionality:	No
Direct heat output:	4,5 kW
Energy Efficiency Index (EEI):	EEI 112
Fluegas temperature at nominal heat output	T 221°C
Energy efficiency class	

Safety	
Reaction to fire	A1
Test of fire safety in connection with the burning of wood	Approved
Distance to combustible materials	Minimum distances in mm
Rear. Without insulation / with insulation	150/195
Sides distance to combustible materials	300
Furniture distance	860

Signed on behalf the manufacturer of 07.02.2022

The chimney sweep's signature Date _____


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Signature _____