

Ecodesign EU Declaration of Conformity

DoC Inspire 40 1858-2014

Product fiche



| | |
|--------------|-------------------------------|
| Manufacturer | Heta A/S |
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|-------------------------|-----------------|
| Model identifier | Inspire 40, 40H |
|-------------------------|-----------------|

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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 |

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|--|------------------|-------------------|
| Characteristics when operating with the preferred fuel only | | |
| Heat output | | |
| Item | Symbol | Value/Unit |
| Nominal heat output | P_{nom} | 4 kW |
| Minimum heat output | P_{min} | |
| Useful efficiency (NCV as received) | | |
| Useful efficiency at nominal heat output | $\eta_{th, nom}$ | 81% |
| 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 |


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| 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 |

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| Other control options | |
| room temperature control, with presence detection | No |
| room temperature control, with open window detection | No |
| with distance control option | No |

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| Notified body relevant to the assessment and verification of constancy of performance |
| Danish Technological Institute, DK-8000 Aarhus No. 1235. Report no. 300-ELAB-1858-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 |
| | 71 | 27 | 112 | 1049 | 90 |

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|--|---|
| Technical documentation | |
| Indirect heating functionality: | No |
| Direct heat output: | 4 kW |
| Energy Efficiency Index (EEI): | EEI 107 |
| Fluegas temperature at nominal heat output | T 263°C |
| Energy efficiency class |  |

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| 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 | 120/190 |
| Sides distance to combustible materials | 340/400 |
| Furniture distance | 900 |

Signed on behalf the manufacturer of 07.02.2022

The chimney sweep's signature Date _____

Signature _____