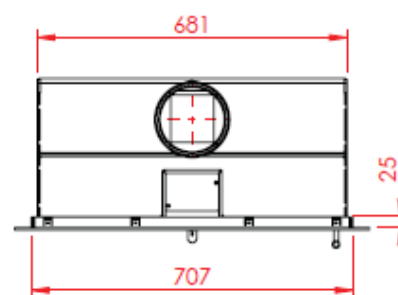
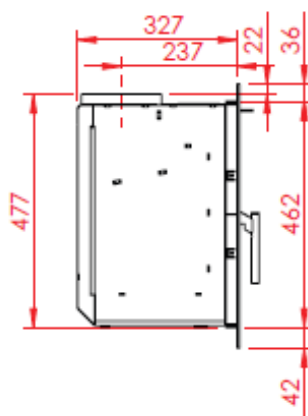
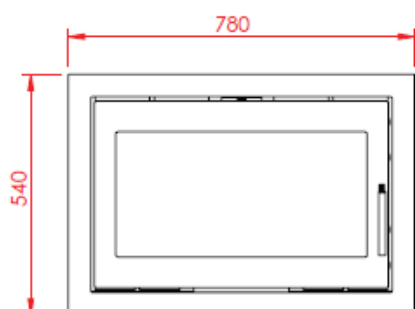


Data sheet

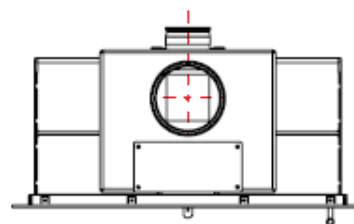
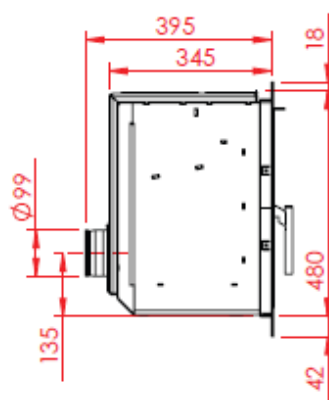
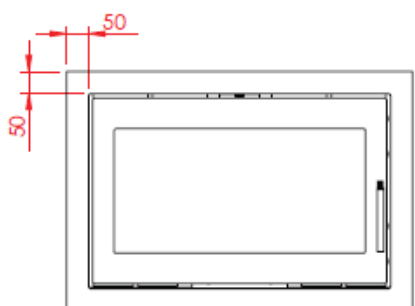
Jupiter 470 XL IR



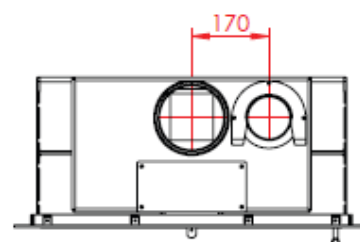
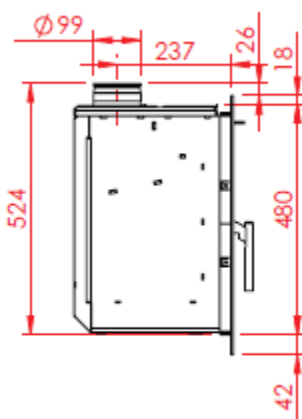
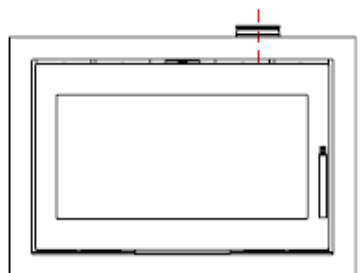
470 XL IR



470 XL IR, airbox behind



470 XL IR, airbox on top



General Information

Manufacturer:	Meteor A/S, Drejervej 1, DK-7451 Sunds
Model:	Jupiter 470 XL IR fireplace insert for combustion with solid fuel
Identification code:	ELAB 2172 Rev 1

Fuel

Fuel type:	wood – suitable for combustion with kiln-dried firewood in accordance with the user manual
Recommended fuel load:	1,61 kg
Basic fire bed weight:	240 g
Suitable for:	intermittent operation – according to EN 16510 definition

Testing

Test report valid from:	07.07.2021
Tested according to:	EN 16510-1:2022 and EN 16510-2-2:2022, Tested by DTI in accordance with Regulation (EU) 2015/1186
Testing institute:	Danish Technological Institute (DTI), #1235
Declaration of Performance (DoP):	01.11.2025
DoP number	DoP-2172-2025-02

Dimensions and Weight

Weight	115 kg
External frame dimensions:	W780 x H540 mm
Door dimensions:	W663 x H419 mm

Performance Data

Energy efficiency class:	EEI 110, Class A
Nominal heat output:	6,7 kW
Heat to water:	N/A
Efficiency:	79 %
Seasonal efficiency:	69 %
Emissioner (normal operation, 13 % O ₂)	CO: ≤ 1500 mg/Nm ³ NOX: ≤ 200 mg/Nm ³ OGC: ≤ 120 mgC/Nm ³ PM: ≤ 40 mg/Nm ³

Flue Connection

<i>Flue outlet diameter:</i>	150 mm
<i>Flue outlet position:</i>	top
<i>Recommended chimney draught:</i>	12 Pa
<i>Flue gas temperature:</i>	331° C
<i>Flue gas mass flow:</i>	6,4 g/s

Minimum Distance to Combustible Materials

<i>bottom edge of door (dB):</i>	300 mm
<i>floor in front (dF):</i>	650 mm
<i>ceiling (dC):</i>	400 mm
<i>side (dS):</i>	400 mm
<i>side in radiation zone (dL):</i>	700 mm
<i>furniture (dP):</i>	1200 mm
<i>rear (dR):</i>	0 mm

Ventilation

<i>Type</i>	B / BE
<i>BE-version</i>	can be connected to outdoor air via integrated spigot