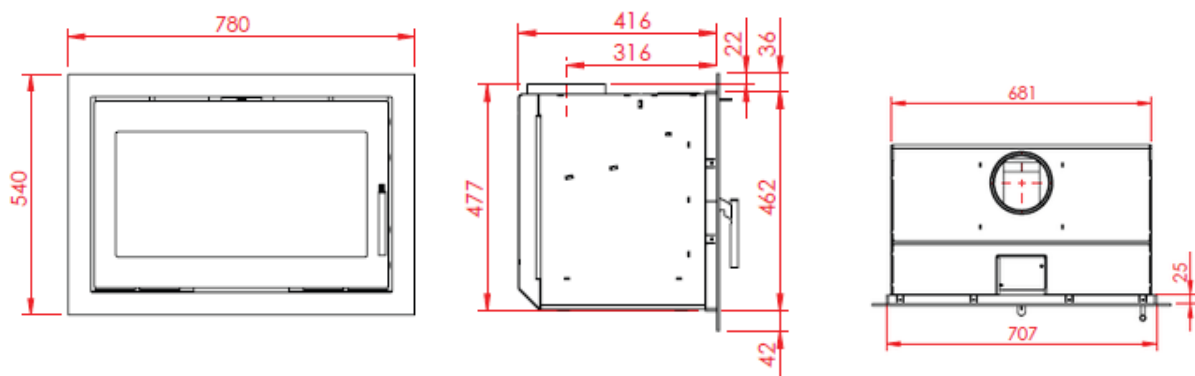


# Data sheet

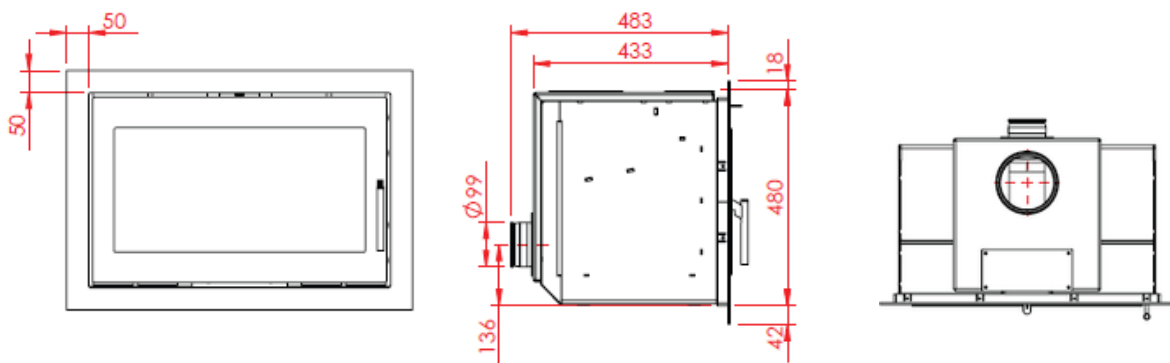
## Jupiter 470 XL



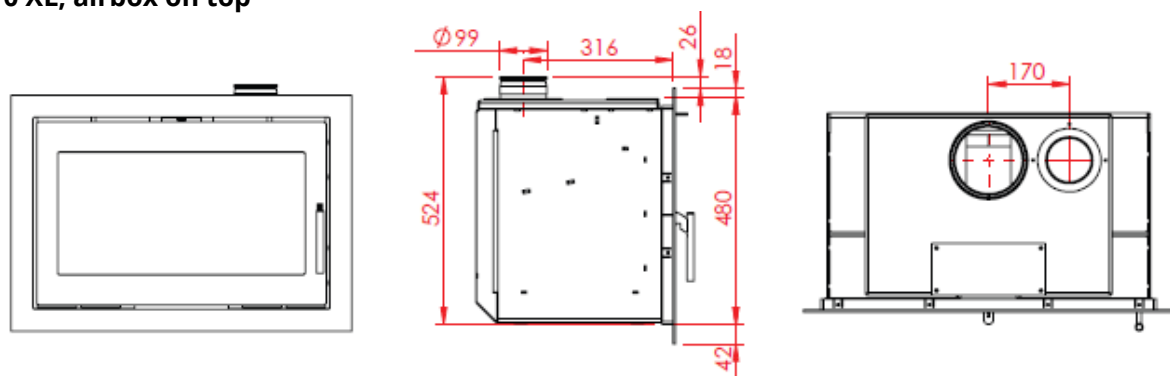
**470 XL**



**470 XL, airbox behind**



**470 XL, airbox on top**



## General Information

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

## Fuel

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

## Testing

|                                          |                                                                                                   |
|------------------------------------------|---------------------------------------------------------------------------------------------------|
| <i>Test report valid from:</i>           | 08.07.2015                                                                                        |
| <i>Tested according to:</i>              | EN 16510-1:2022 and EN 16510-2-2:2022, Tested by DTI in accordance with Regulation (EU) 2015/1186 |
| <i>Testing institute:</i>                | Danish Technological Institute (DTI), #1235                                                       |
| <i>Declaration of Performance (DoP):</i> | 01.11.2025                                                                                        |
| <i>DoP number</i>                        | DoP-2172-2025-01                                                                                  |

## Dimensions and Weight

|                                   |                |
|-----------------------------------|----------------|
| <i>Weight</i>                     | 115 kg         |
| <i>External frame dimensions:</i> | W780 x H540 mm |
| <i>Door dimensions:</i>           | W663 x H419 mm |

## Performance Data

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

## Flue Connection

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

## Minimum Distance to Combustible Materials

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

## Ventilation

|            |                                                       |
|------------|-------------------------------------------------------|
| Type       | B / BE                                                |
| BE-version | can be connected to outdoor air via integrated spigot |

|                                                                                                                                                                                                                              |                                                                                                  |                                                                                                                                               |                                                                                                                                                                            |                                                                                                 |                                                                                                                                        |                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <div><div><div>CE</div></div><div>EN 16510-1:2022 /<br/>EN 16510-2-2:2022</div></div>                                                                                                                                        | <div>Typebetegnelse<br/>Type designation<br/>Désignation du type</div> <div>Jupiter 470 XL</div> | <div>Nr. for ydeevnedeklaration<br/>Declaration of Performance No.<br/>Numéro de déclaration de performance</div> <div>DoP-2172-2025-01</div> | <div>Prøveinstitut<br/>Test agency<br/>Organisme d'essai</div> <div>NB 1235</div>                                                                                          | <div>Nominel effekt<br/>Rated effect<br/>Puissance nominale</div> <div>6,7 kW</div>             | <div>Virkningsgrad<br/>Efficiency<br/>Rendement</div> <div>79 %</div>                                                                  |                                                                                                   |
| <div>Sæsonbetinget virkningsgrad<br/>Seasonal space heating energy efficiency<br/>Rendement énergétique saisonnier pour le chauffage des locaux</div> <div>69 %</div>                                                        |                                                                                                  | <div>CO-emmission<br/>(13% O<sub>2</sub>)<br/>CO<br/>CO</div> <div>≤1500 mg/Nm<sup>3</sup></div>                                              | <div>NOx<br/>NOx<br/>NOx</div> <div>≤200 mg/Nm<sup>3</sup></div>                                                                                                           | <div>OGC<br/>OGC<br/>OGC</div> <div>≤120 mgC/Nm<sup>3</sup></div>                               | <div>PM<br/>PM<br/>PM</div> <div>≤40 mg/m<sup>3</sup></div>                                                                            | <div>Aftrækstemperatur<br/>Exhaust temperature<br/>Température des fumées</div> <div>331 °C</div> |
| <div>Sikkerhedsafstand til brandbart materiale: Se vejledning side 8<br/>Clearance to flammable material: See the instructions page 8<br/>Distance de sécurité aux matériaux combustibles : voir la notice page 8</div>      |                                                                                                  | <div>Møbleringsafstand<br/>Minimum distance to furniture<br/>Distance minimale aux meubles</div> <div>1200 mm</div>                           | <div>Minimum træk<br/>Min. flue draught<br/>Tirage minimal</div> <div>12 Pa</div>                                                                                          | <div>Røggasmængde<br/>Flue gas mass flow<br/>Débit massique des fumées</div> <div>6,4 g/s</div> | <div>Energieeffektivitets indeks (EEI)<br/>Energy efficiency<br/>Indice d'efficacité énergétique (IEE)</div> <div>110 (Klasse A)</div> |                                                                                                   |
| <div>Anbefalet brændselstype / betegnelse<br/>Recommended fuel designation / designation<br/>Combustible recommandé / désignation</div>                                                                                      |                                                                                                  | <div>Træ / I<br/>Wood logs / I<br/>Bois (bûches) / I</div>                                                                                    | <div><div><div><div></div></div><div>Meteor®</div><div>fire space</div></div><div><div>Prod. no.<br/>Product No.<br/>N° de produit</div><div><div></div></div></div></div> |                                                                                                 |                                                                                                                                        |                                                                                                   |
| <div>Pejseindsats til fast brændsel<br/>Fireplace insert for solid fuel<br/>Insert de cheminée à combustible solide</div>                                                                                                    |                                                                                                  |                                                                                                                                               |                                                                                                                                                                            |                                                                                                 |                                                                                                                                        |                                                                                                   |
| <div>Læs og følg montage- samt brugsvejledning grundigt<br/>Read and follow the installation and operating instructions carefully<br/>Lire attentivement et respecter les instructions d'installation et d'utilisation</div> |                                                                                                  |                                                                                                                                               |                                                                                                                                                                            |                                                                                                 |                                                                                                                                        |                                                                                                   |

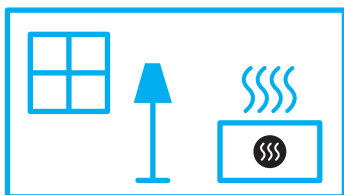
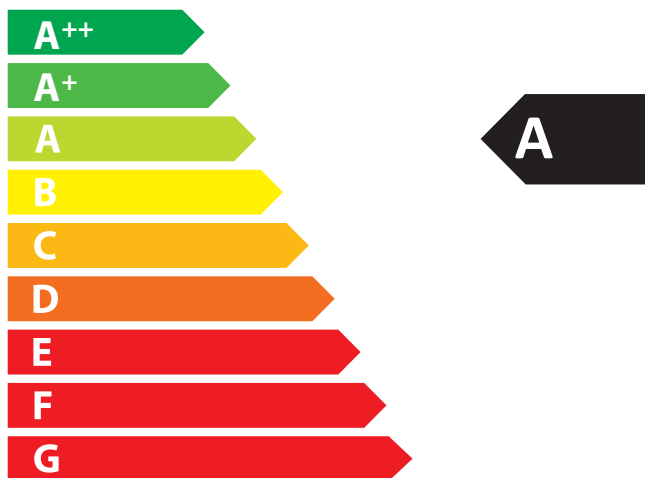


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енергия · ενεργεια



Meteor A/S

Jupiter 470 XL, 470 XL IR  
og 550 XL



**6,7**  
kW

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2015/1186