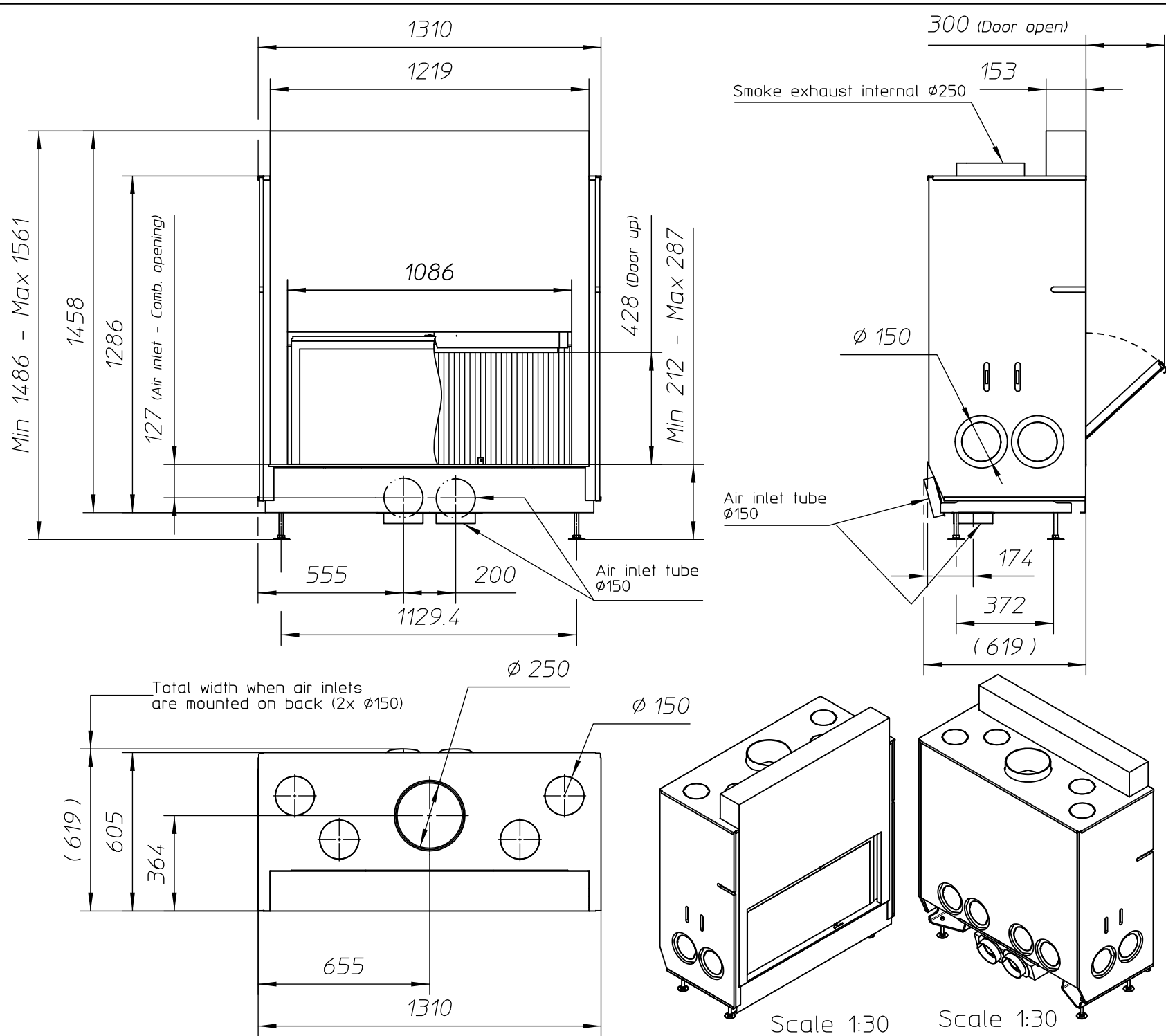




ULTIME D Patented

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Technical Document

Model: ULTIME D MF 1050-50 WHE 1S

Dimensions (mm)

- combustion opening WxH: 1086x506
- external WxDxH: 1310x619x1561
- fresh air: 2x $\phi 150$
- diameter flue: $\phi 250$

Technical Data

- capacity: 19.4kW
- efficiency capacity: 80.2%
- CO (volume with 13%O₂): 0.06%
- dust (volume with 13%O₂): 30mg/m³
- weight: 470kg
- Air intake to convection: minimum 720cm² (4x $\phi 150$)
- Air exhaust to convection: minimum 720cm² (4x $\phi 150$)

Specifications

- inside finishing: heat-resistant black paint
- vermiculite insulation plates
- convection jacket in galvanized steel
- cast iron stoke grate
- back and sides: ribbed cast iron
- interior finishing: ORIGINAL (ribbed cast iron)

Options

- Promat insulation kit
- Finishing frame

Table: prescribed insulation thickness (mm)

Combustible finishing material					
	A	B	C	D	E
Test report (TC = 0,14 W/mK)	75	NC	94	105	40
Metalfire recommended Promasil 1100L (TC = 0,081 W/mK)	50	NC	55	60	25

Non-combustable finishing material					
non-combustable materials (structural building items EXCLUDED e.g. load bearing walls)	0	0	0	0	0

TC = thermal conductivity NC = non-combustable

First aid and technical support:

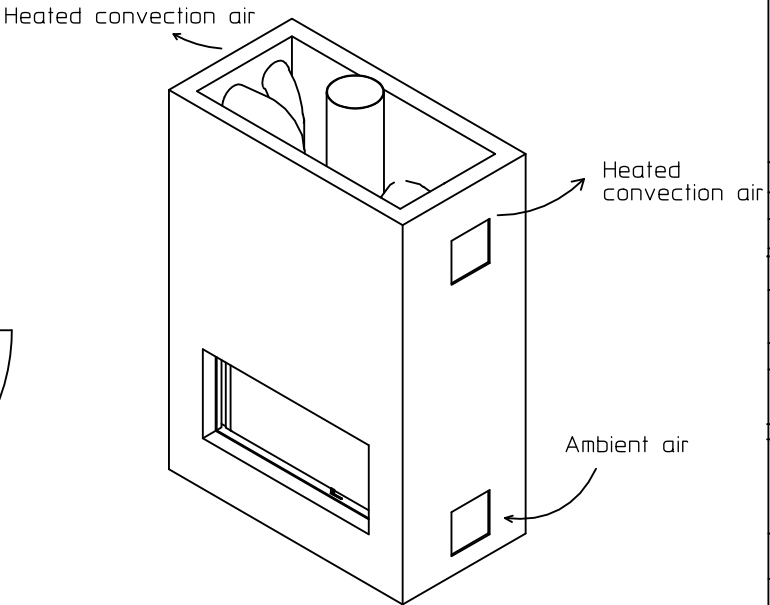
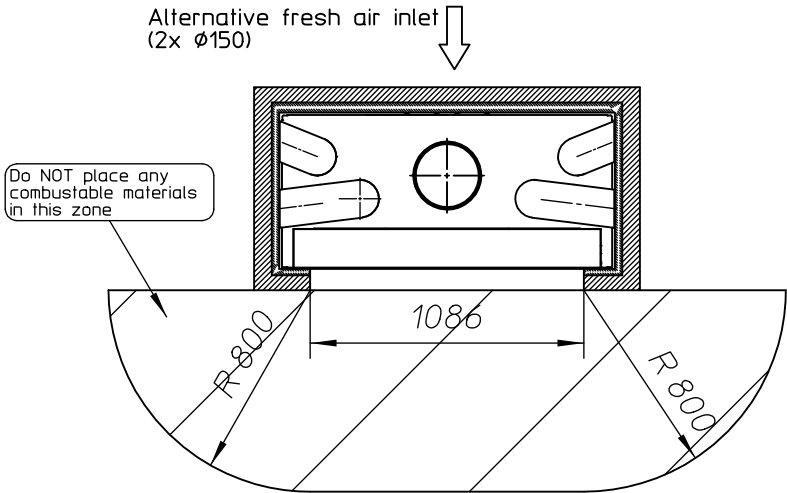
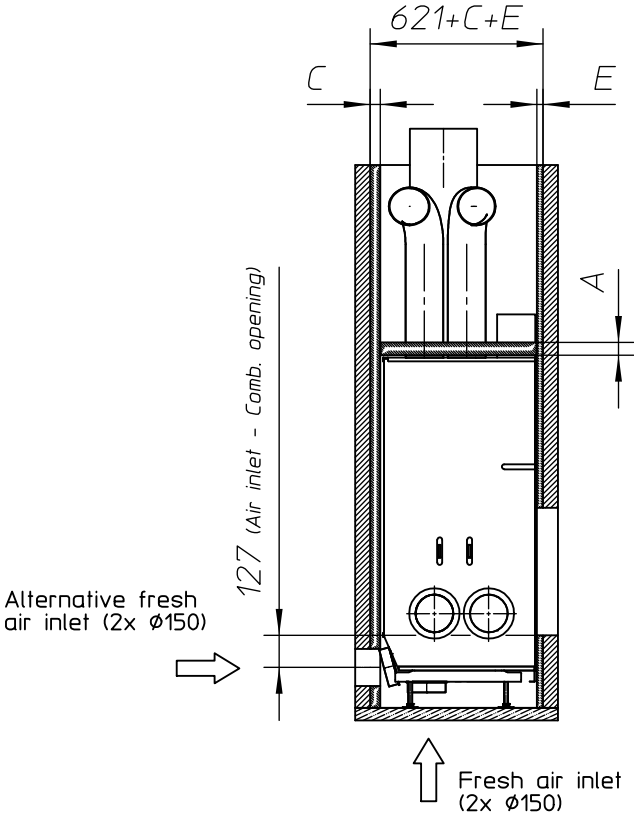
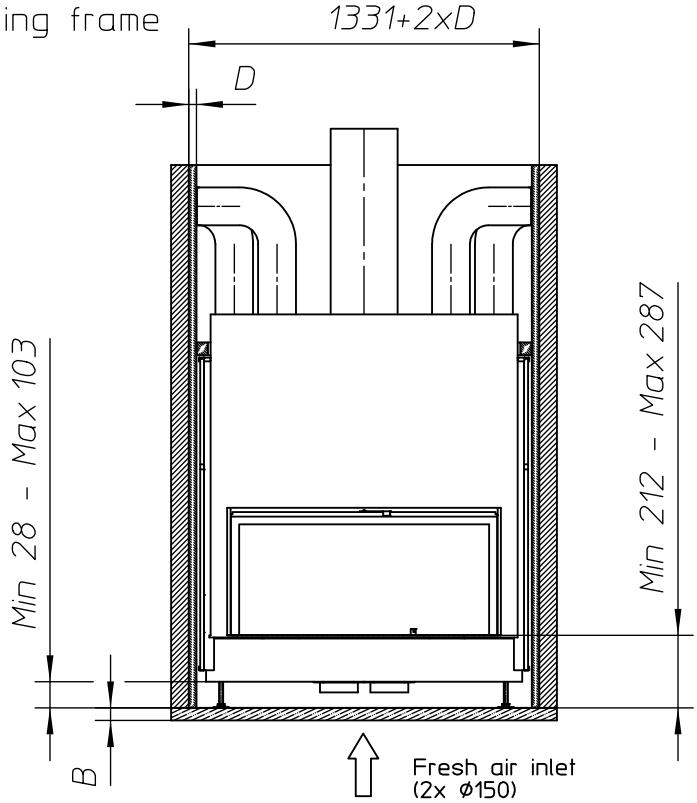
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General dimensional tolerances up to 6mm
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Without finishing frame



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Technical Document

Model: ULTIME D MF 1050-50 WHE 1S

Dimensions (mm)

- combustion opening WxH:

1086x506

- external WxDxH:

1310x619x1561

- fresh air:

2xØ150

- diameter flue:

Ø250

Technical Data

- capacity:

19.4kW

- efficiency capacity:

80.2%

- CO (volume with 13%O₂):

0.06%

- dust (volume with 13%O₂):

30mg/m³

- weight:

470kg

- Air intake to convection: minimum 720cm²(4xØ150)

- Air exhaust to convection: minimum 720cm²(4xØ150)

Specifications

- inside finishing: heat-resistant black paint

- vermiculite insulation plates

- convection jacket in galvanized steel

- cast iron stoke grate

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- interior finishing: ORIGINAL (ribbed cast iron)

Options

- Promat insulation kit

- Finishing frame

Table: prescribed insulation thickness (mm)

Combustable finishing material

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Test report (TC = 0,14 W/mK)	75	NC	94	105	40
Metalfire recommended Promasil 1100L (TC = 0,081 W/mK)	50	NC	55	60	25

Non-combustable finishing material

	0	0	0	0	0
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non-combustable materials (structural building items EXCLUDED e.g. load bearing walls)

TC = thermal conductivity NC = non-combustable

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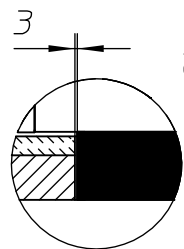
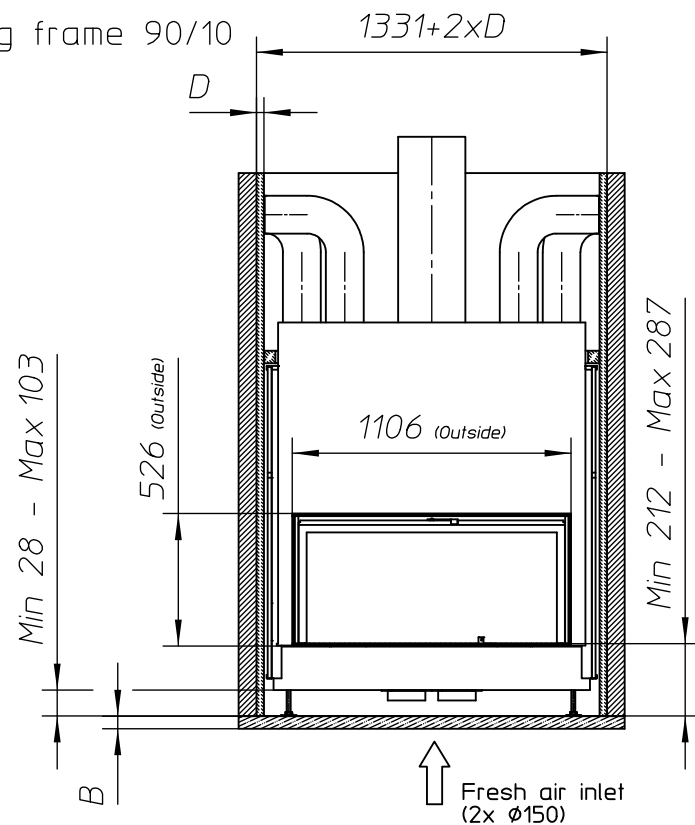
CE

General dimensional tolerances up to 6mm

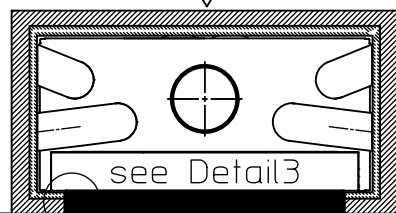
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Sheet 2/3

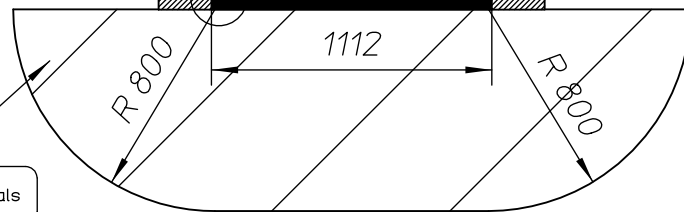
With finishing frame 90/10



Alternative fresh air inlet
(2x Ø150)

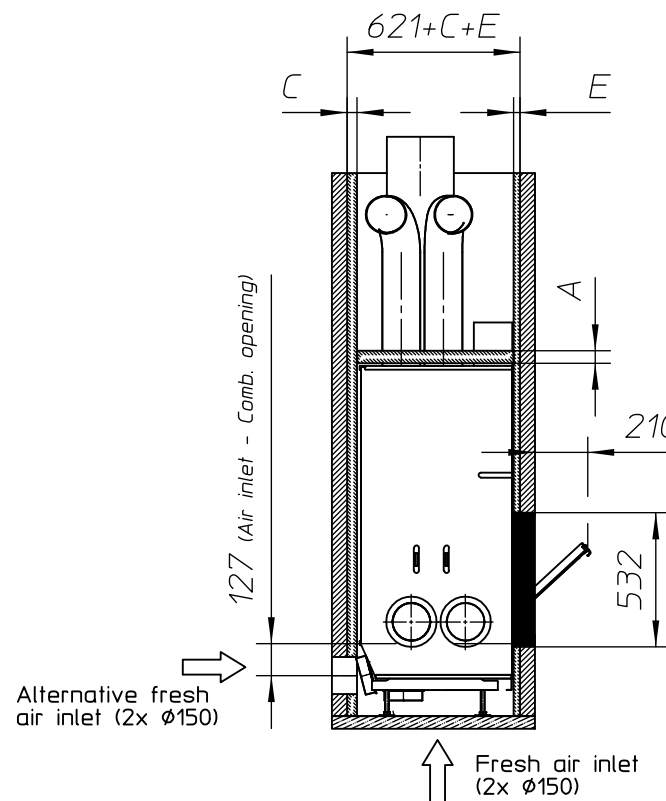


see Detail3



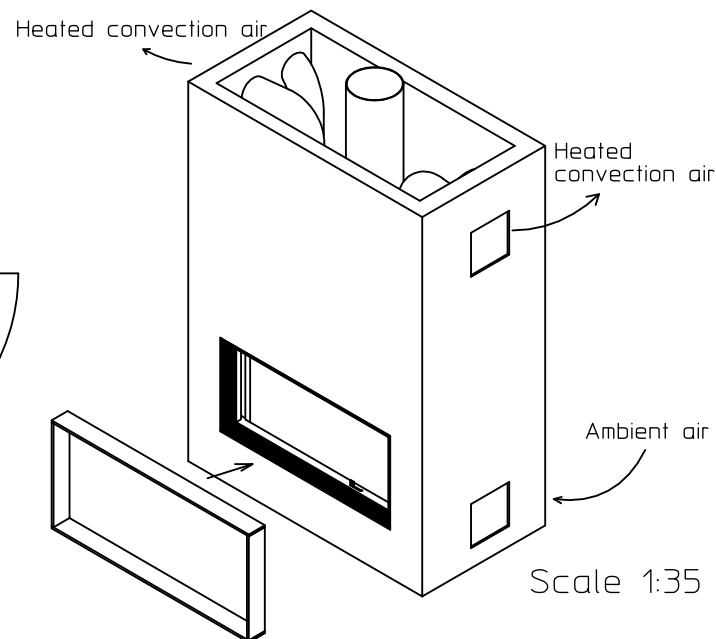
Do NOT place any
combustable materials
in this zone

- Combustable finishing material
- Non-combustable finishing material
- Insulation
- Insulation thickness => see table



Alternative fresh
air inlet (2x Ø150)

Fresh air inlet
(2x Ø150)



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Technical Document

Model: ULTIME D MF 1050-50 WHE 1S

Dimensions (mm)

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- fresh air: 2xØ150
- diameter flue: Ø250

Technical Data

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- efficiency capacity: 80.2%
- CO (volume with 13%O₂): 0.06%
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- Air intake to convection: minimum 720cm² (4xØ150)
- Air exhaust to convection: minimum 720cm² (4xØ150)

Specifications

- inside finishing: heat-resistant black paint
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- convection jacket in galvanized steel
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- back and sides: ribbed cast iron
- interior finishing: ORIGINAL (ribbed cast iron)

Options

- Promat insulation kit
- Finishing frame

Table: prescribed insulation thickness (mm)

Combustable finishing material					
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Metalfire recommended Promasil 1100L (TC = 0,081 W/mK)	50	NC	55	60	25

Non-combustable finishing material

non-combustable materials (structural building items EXCLUDED e.g. load bearing walls)	0	0	0	0	0
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TC = thermal conductivity NC = non-combustable

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