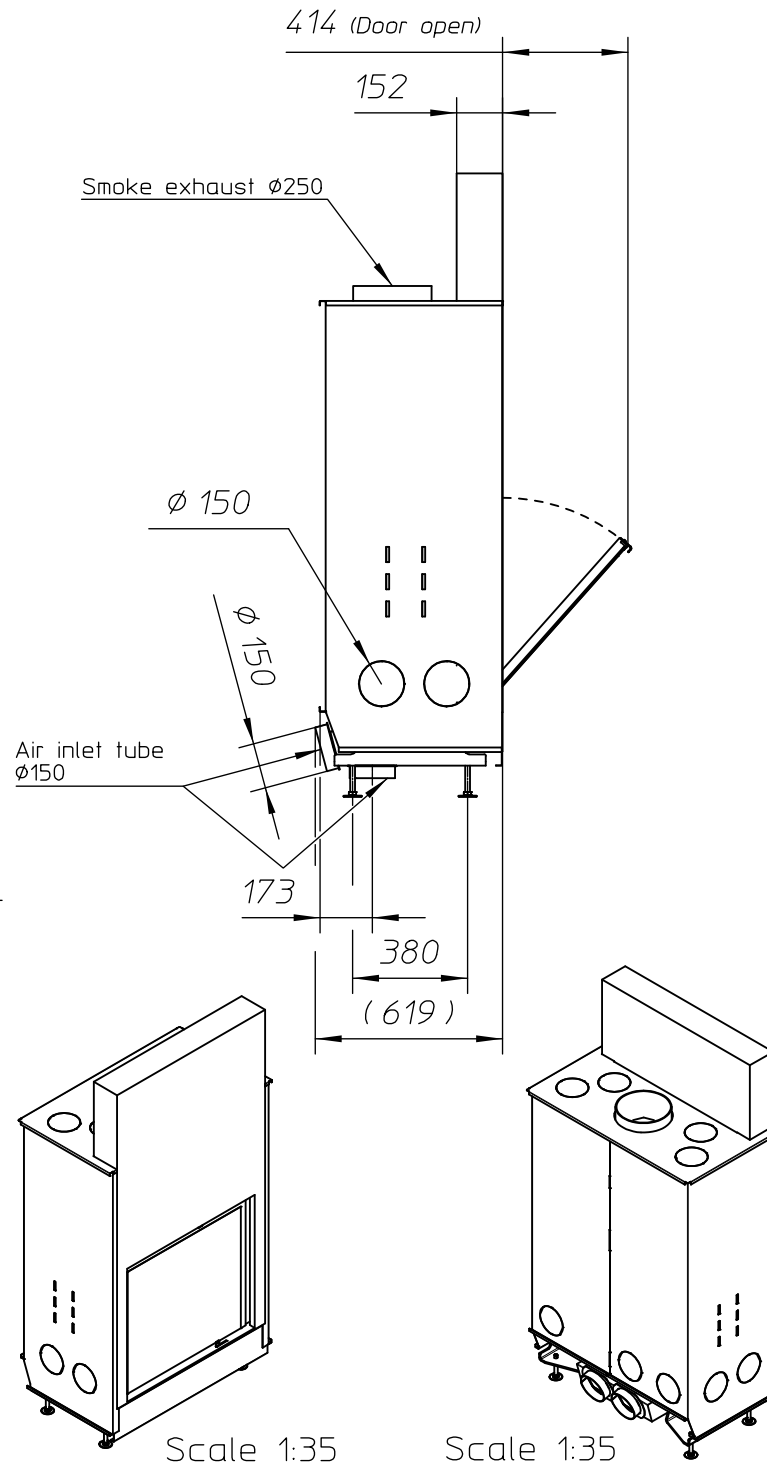
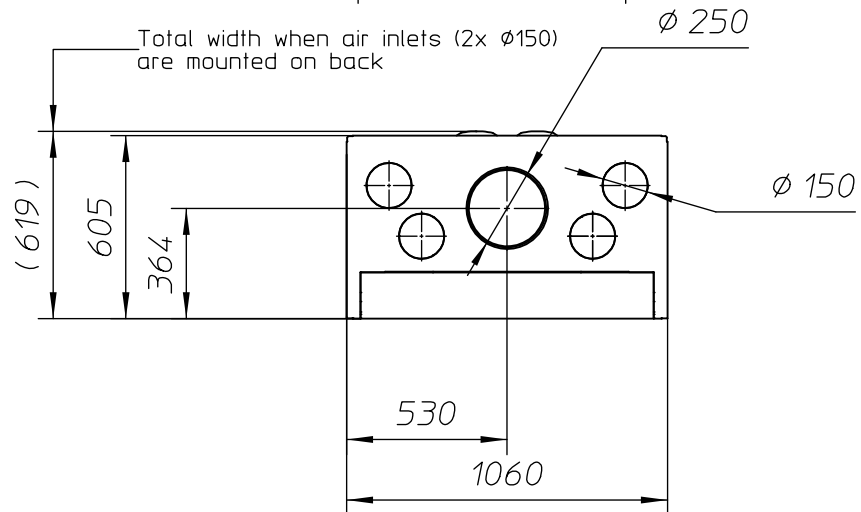
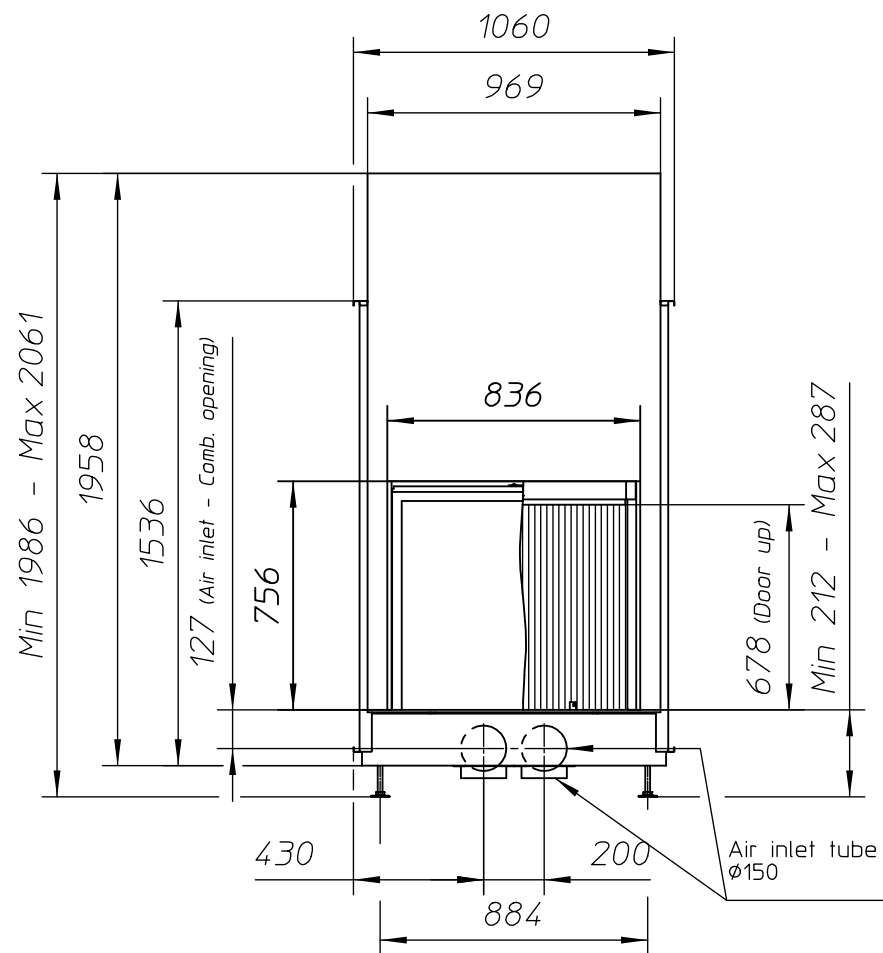




ULTIME D Patented

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Technical Document

Model: ULTIME D MF 800-75 WHE 1S

Dimensions (mm)

- combustion opening WxH: 836x756
- external WxDxH: 1060x619x2061
- fresh air: 2x150
- diameter flue: 250

Technical Data

- capacity: 21.5kW
- efficiency capacity: 80.1%
- CO (volume with 13%O₂): 0.08%
- dust (volume with 13%O₂): 30mg/m³
- weight: 435kg
- Air intake to convection: minimum 720cm² (4x150)
- Air exhaust to convection: minimum 720cm² (4x150)

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)

Combustable finishing material					
	A	B	C	D	E
Test report (TC = 0,14 W/mK)	102	NC	98	133	40
Metalfire recommended Promasil 1100L (TC = 0,081 W/mK)	60	NC	60	80	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:

- support@metalfire.eu
- +32 (0)9 261 50 57

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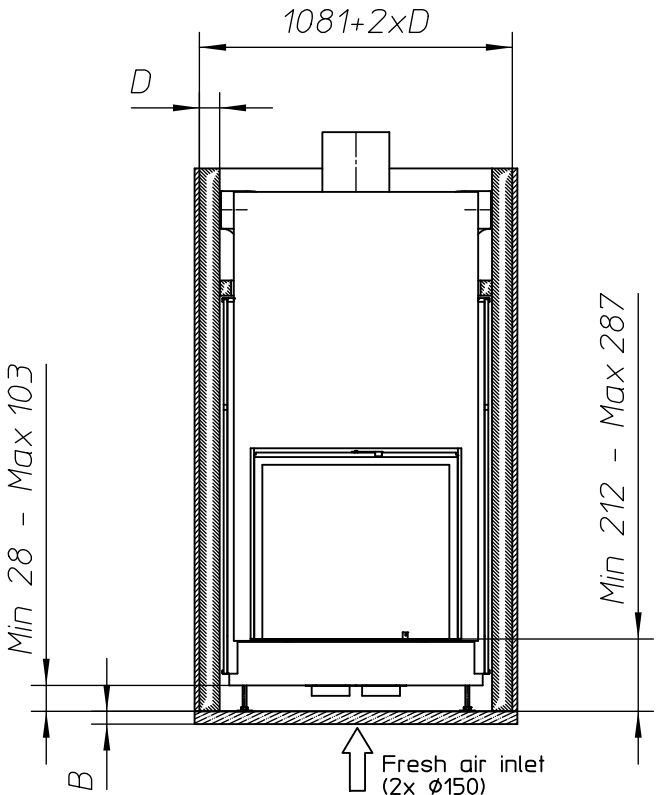
General dimensional tolerances up to 6mm
Metalfire preserves the right to modify specifications without previous notice

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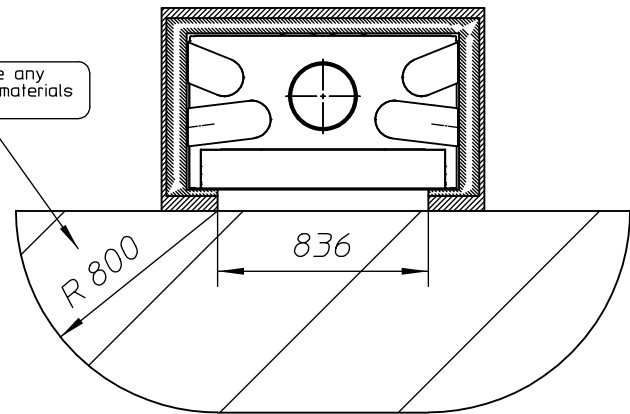
Scale 1:35

Without finishing frame

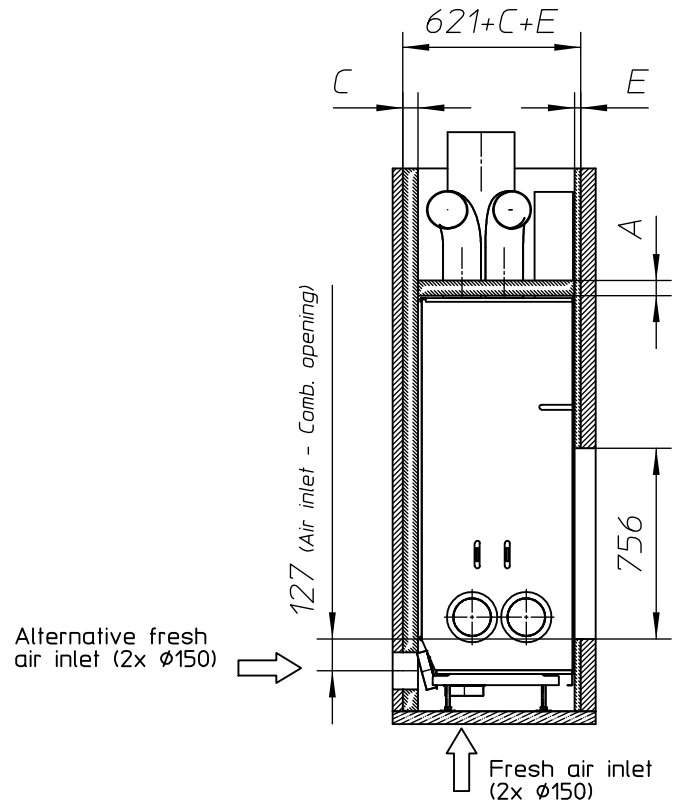


Alternative fresh air inlet (2x Ø150)

Do NOT place any combustable materials in this zone

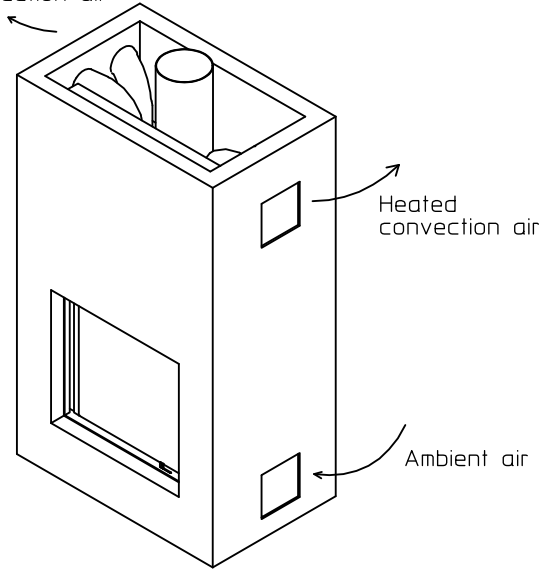


- Combustable finishing material
- Non-combustable finishing material
- Insulation
- Insulation thickness => see table



Alternative fresh air inlet (2x Ø150)

Heated convection air



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Technical Document

Model: ULTIME D MF 800-75 WHE 1S

- Dimensions (mm)
- combustion opening WxH: 836x756
 - external WxDxH: 1060x619x2061
 - fresh air: 2xØ150
 - diameter flue: Ø250

- Technical Data
- capacity: 21.5kW
 - efficiency capacity: 80.1%
 - CO (volume with 13%O₂): 0.08%
 - dust (volume with 13%O₂): 30mg/m³
 - weight: 435kg
 - 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
 - back and sides: ribbed cast iron
 - interior finishing: ORIGINAL (ribbed cast iron)

Options

- Promat insulation kit
- Finishing frame

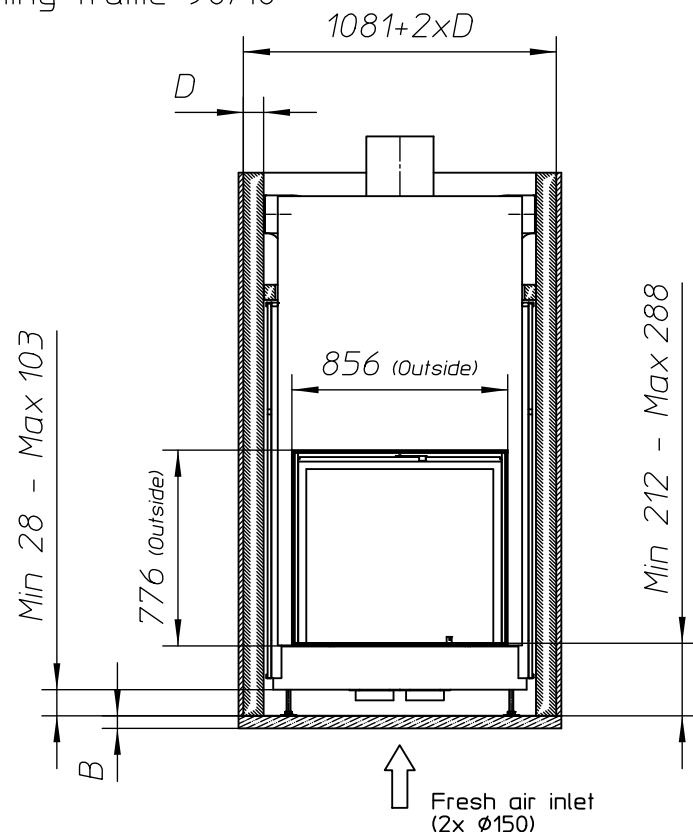
Table: prescribed insulation thickness (mm)

Combustable finishing material					
	A	B	C	D	E
Test report (TC = 0,14 W/mK)	102	NC	98	133	40
Metalfire recommended Promasil 1100L (TC = 0,081 W/mK)	60	NC	60	80	25
Non-combustable finishing material					
non-combustable materials (structural building items EXCLUDED e.g. load bearing walls)	0	0	0	0	0

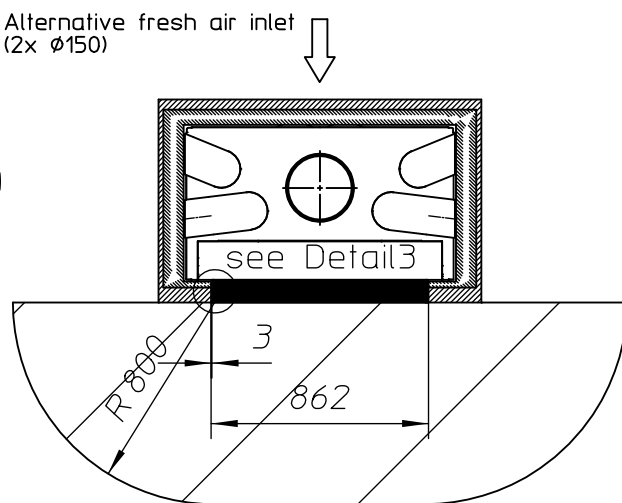
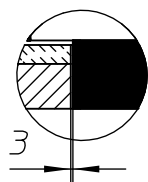
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General dimensional tolerances up to 6mm Metalfire preserves the right to modify specifications without previous notice	Sheet 2/3

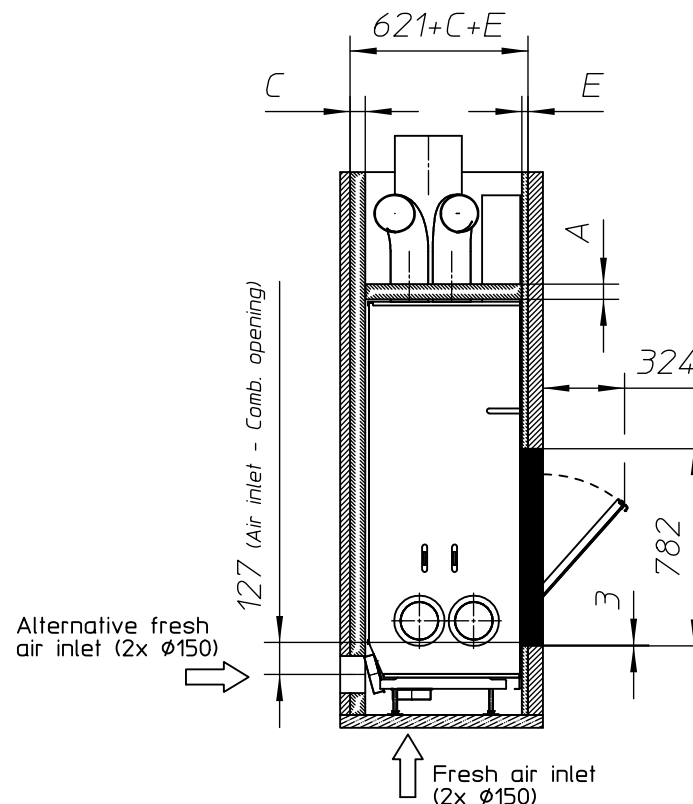
With finishing frame 90/10



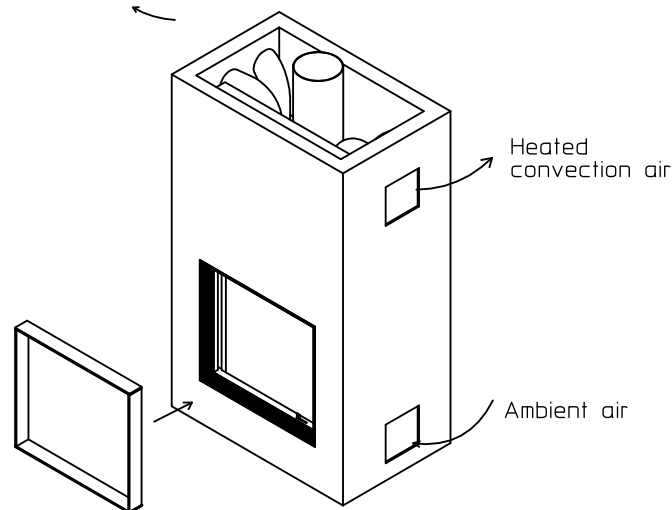
Detail3
Scale 1:10



Combustible finishing material
 Non-combustible finishing material
 Insulation
 Insulation thickness => see table



Heated convection air



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Technical Document

Model: ULTIME D MF 800-75 WHE 1S

Dimensions (mm)

- combustion opening WxH:	836x756
- external WxDxH:	1060x619x2061
- fresh air:	2x $\phi 150$
- diameter flue:	$\phi 250$

Technical Data

- capacity:	21.5kW
- efficiency capacity:	80.1%
- CO (volume with 13%O ₂):	0.08%
- dust (volume with 13%O ₂):	30mg/m ³
- weight:	435kg
- Air intake to convection:	minimum 720cm ² (4x $\phi 150$)
- Air exhaust to convection:	minimum 720cm ² (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)	102	NC	98	133	40
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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					

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General dimensional tolerances up to 6mm
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