

ULTIME D Patented

metalfire

Technical Document

ULTIME D MF 600-75 WHE 1S BBQ

Dimensions (mm)

- combustion opening WxH: 636x756
- external WxDxH: 860x619x2061
- fresh air: 2x $\phi 150$
- diameter flue: $\phi 250$

Technical Data

- capacity: 18.8kW
- efficiency capacity: 79.6%
- CO (volume with 13%O₂): 0.07%
- dust (volume with 13%O₂): 20mg/m³
- weight: 368kg
- Air intake to convection: minimum 360cm² (2x $\phi 150$)
- Air exhaust to convection: minimum 360cm² (2x $\phi 150$)

Table: prescribed insulation thickness (mm)

Combustable finishing material					
	A	B	C	D	E
Test report (TC = 0,14 W/mK)	83	NC	98	110	40
Metalfire recommended Promasil 1100L (TC = 0,081 W/mK)	50	NC	60	65	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:

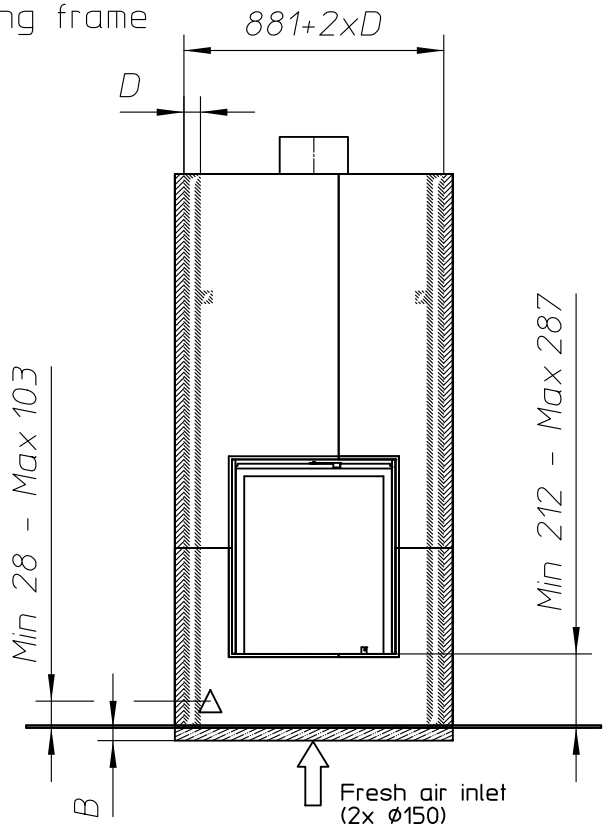
- support@metalfire.eu
- +32 (0)9 261 50 57

scale 1:25 Rev.

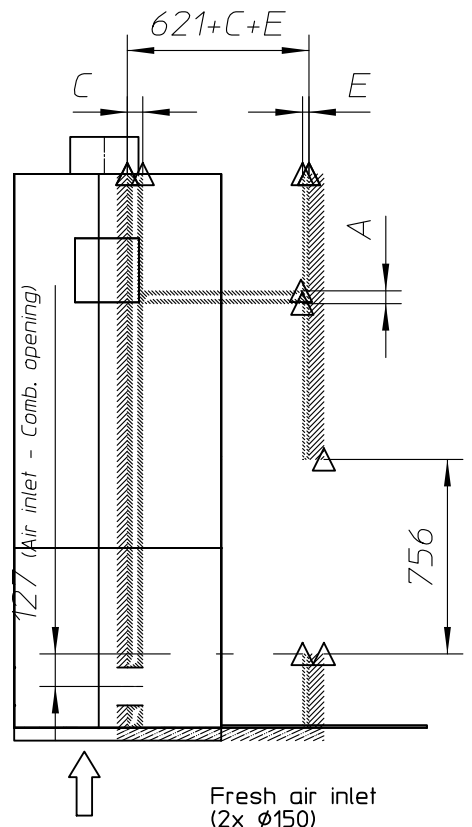
www.metalfire.eu EN 13229 CE

General dimensional tolerances up to 6mm
Metalfire preserves the right to modify specifications without previous notice Sheet 1/5

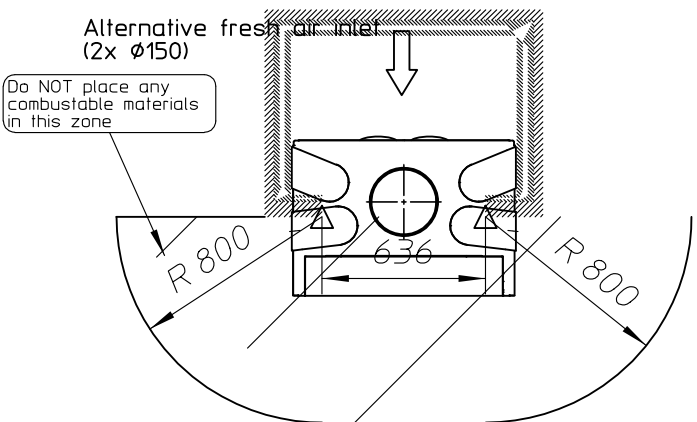
Without finishing frame



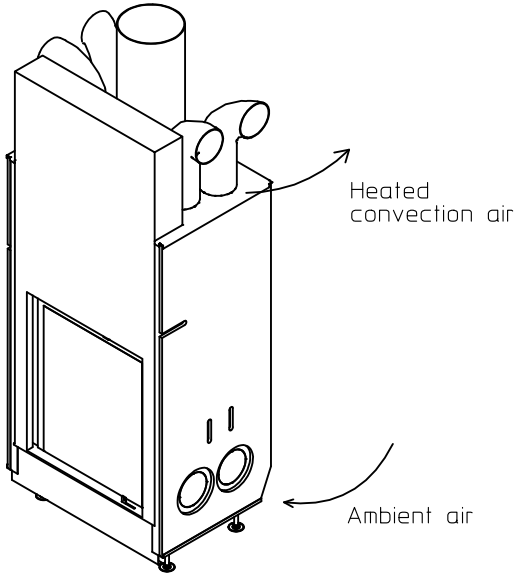
Alternative fresh air inlet (2x Ø150)



Fresh air inlet (2x Ø150)



Heated convection air



Heated convection air

Ambient air

ULTIME D Patented

metalfire

Technical Document

Model: ULTIME D MF 600-75 WHE 1S

- Dimensions (mm)**
- combustion opening WxH: 636x756
 - external WxDxH: 860x619x2061
 - fresh air: 2xØ150
 - diameter flue: Ø250

- Technical Data**
- capacity: 18.8kW
 - efficiency capacity: 79.6%
 - CO (volume with 13%O₂): 0.07%
 - dust (volume with 13%O₂): 20mg/N³
 - weight: 368kg
 - Air intake to convection: minimum 360cm² (2xØ150)
 - Air exhaust to convection: minimum 360cm² (2xØ150)

- 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)

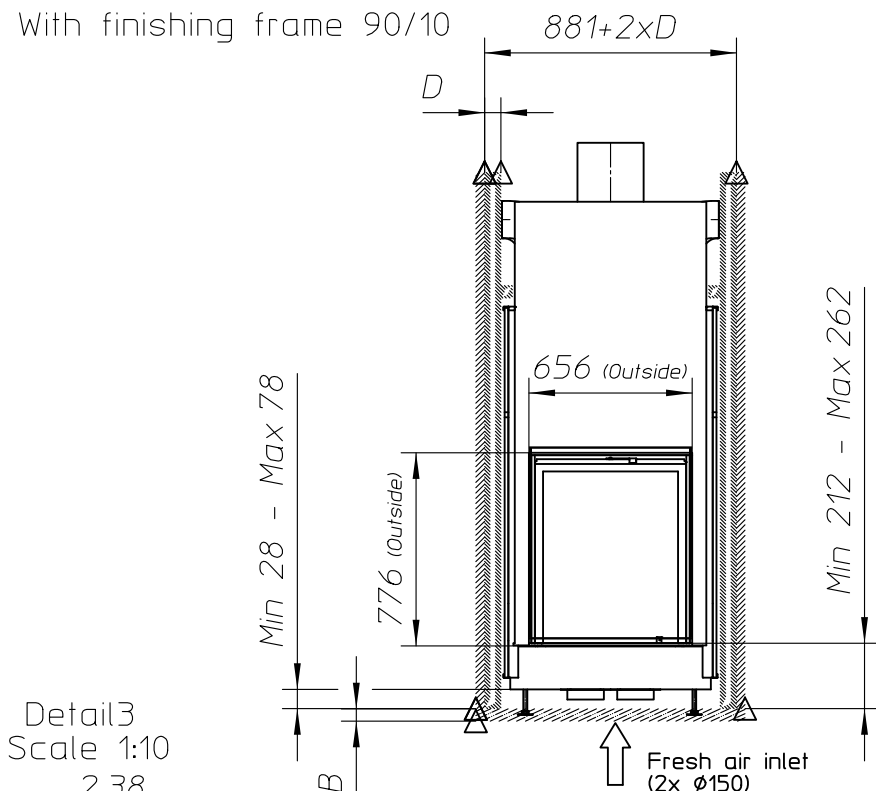
Combustable finishing material					
	A	B	C	D	E
Test report (TC = 0,14 W/mK)	83	NC	98	110	40
Metalfire recommended Promasil 1100L (TC = 0,081 W/mK)	50	NC	60	65	25
Non-combustable finishing material					
non-combustable materials (structural building items EXCLUDED e.g. load bearing walls)	0	0	0	0	0
TC = thermal conductivity NC = non-combustable					

First aid and technical support:

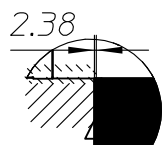
- support@metalfire.eu
- +32 (0)9 261 50 57

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

With finishing frame 90/10



Detail3
Scale 1:10

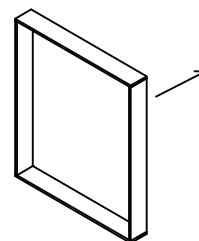
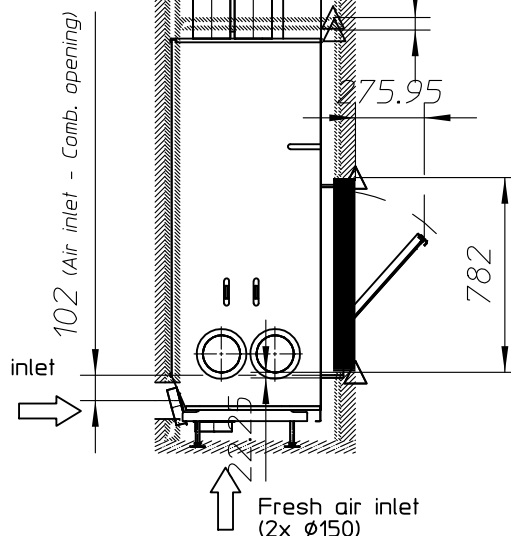


Alternative fresh air inlet
(2x Ø150)

Heated convection air

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

Alternative fresh air inlet
(2x Ø150)



ULTIME D Patented

metalfire

Technical Document

Model: ULTIME D MF 600-75 WHE 1S

Dimensions (mm)

- combustion opening WxH: 636x756
- external WxDxH: 860x619x2061
- fresh air: 2x Ø150
- diameter flue: Ø250

Technical Data

- capacity: 18.8kW
- efficiency capacity: 79.6%
- CO (volume with 13%O₂): 0.07%
- dust (volume with 13%O₂): 20mg/m³
- weight: 368kg
- Air intake to convection: minimum 360cm² (2x Ø150)
- Air exhaust to convection: minimum 360cm² (2x Ø150)

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)	83	NC	98	110	40
Metalfire recommended Promasil 1100L (TC = 0,081 W/mK)	50	NC	60	65	25
Non-combustible finishing material					
non-combustible materials (structural building items EXCLUDED e.g. load bearing walls)	0	0	0	0	0

TC = thermal conductivity NC = non-combustible

First aid and technical support:

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

scale 1:30

www.metalfire.eu

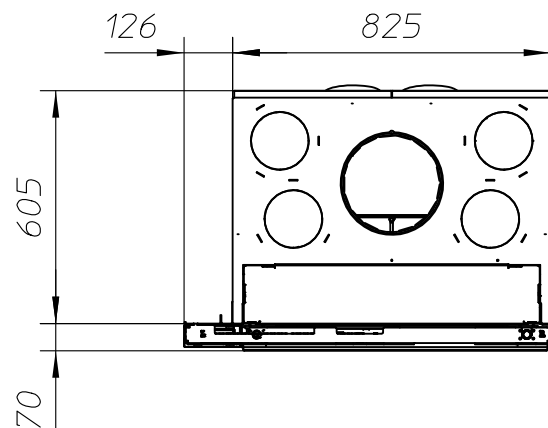
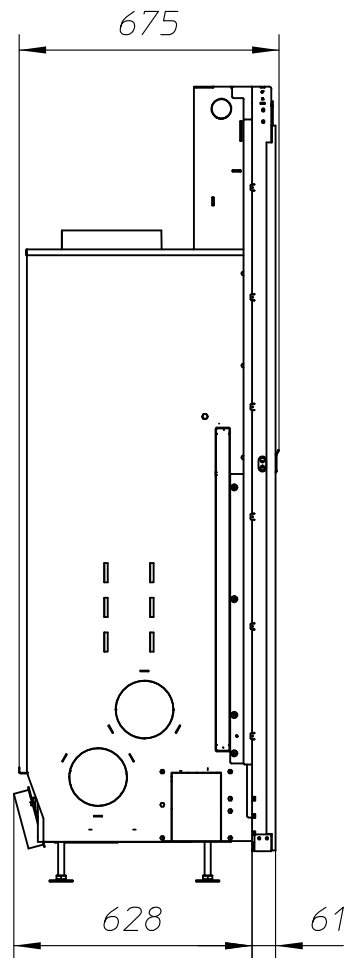
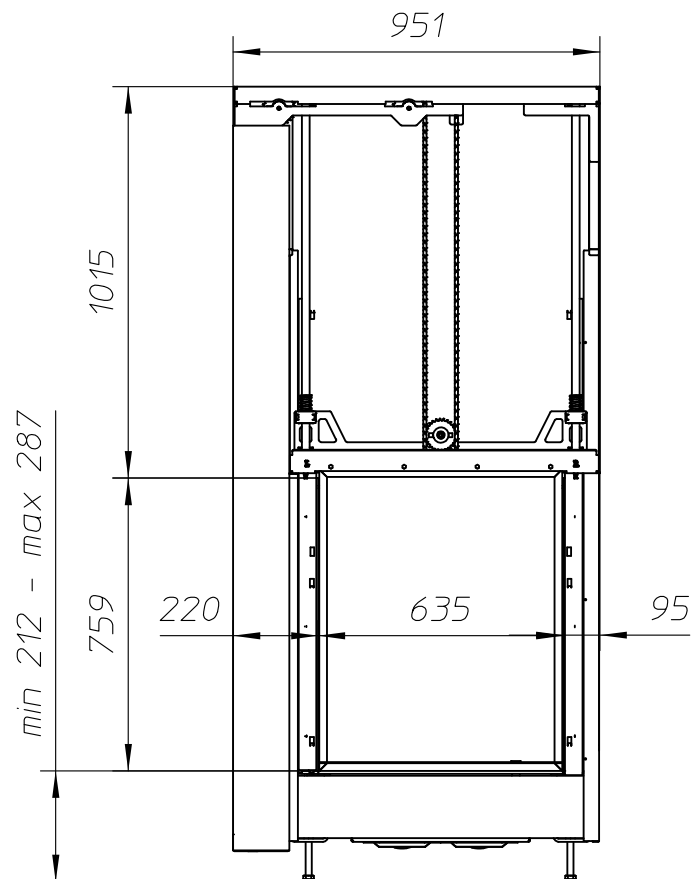
EN 13229

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

Rev.

Sheet
3/5

WITH FIRESCREEN - NO FINISHING FRAME



ULTIME D Patented

metalfire

Technical Document

ULTIME D MF 600-75 WHE 1S BBQ

Dimensions (mm)

- combustion opening WxH: 636x756
- external WxDxH: 951x675x2061
- fresh air: 2x \varnothing 150
- diameter flue: \varnothing 250

Technical Data

- capacity: 18.8kW
- efficiency capacity: 79.6%
- CO (volume with 13%O₂): 0.07%
- dust (volume with 13%O₂): 20mg/N³
- weight: 368kg
- Air intake to convection: minimum 360cm² (2x \varnothing 150)
- Air exhaust to convection: minimum 360cm² (2x \varnothing 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)

First aid and technical support:

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

scale 1:20

Rev.

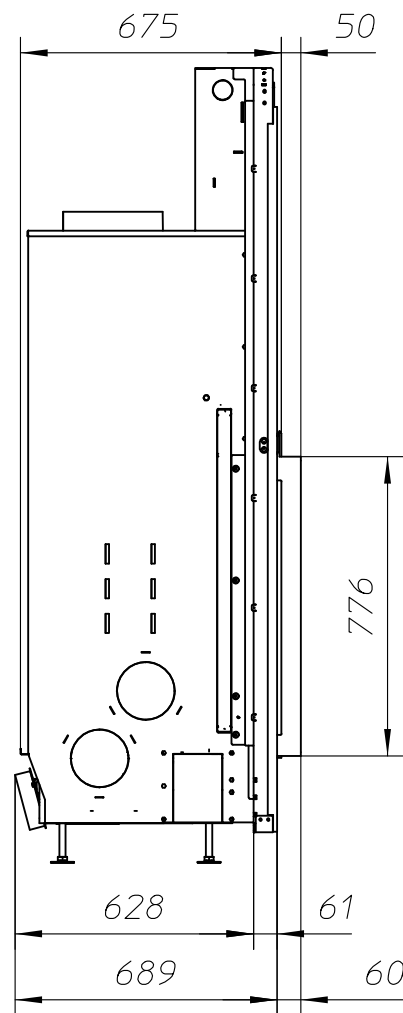
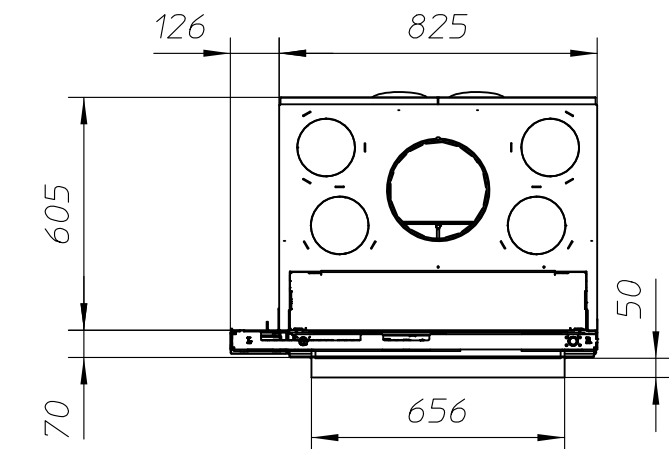
www.metalfire.eu EN 13229

CE

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

Sheet
4/5

675 50



metalfire

Technical Document

Dimensions (mm)

- combustion opening WxH: 636x756
- external WxDxH: 951x749x2061
- fresh air: 2xø150
- diameter flue: ø250

Technical Data

- capacity: 19kW
 - efficiency capacity: 79.6%
 - CO (volume with 13%O₂): 0.07%
 - dust (volume with 13%O₂): 20mg/N³
 - weight: 368kg
-
- Air intake to convection: minimum 360cm²(2xø150)
 - Air exhaust to convection: minimum 360cm²(2xø150)

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)

First aid and technical support:

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

scale 1:20

www.metalfire.eu EN 13229

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

Rev.

	$\subset \in$
--	---------------

Sheet
5/5