

# 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%O<sub>2</sub>): 0.07%
- dust (volume with 13%O<sub>2</sub>): 20mg/m<sup>3</sup>
- weight: 368kg
- Air intake to convection: minimum 360cm<sup>2</sup> (2x $\phi 150$ )
- Air exhaust to convection: minimum 360cm<sup>2</sup> (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-combustible					

#### First aid and technical support:

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

scale 1:25

www.metalfire.eu

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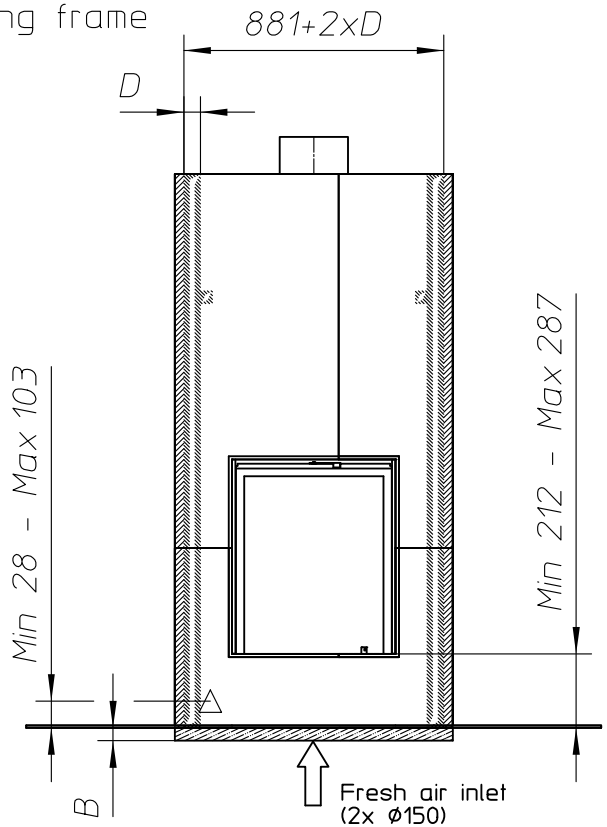
General dimensional tolerances up to 6mm  
Metalfire preserves the right to modify specifications without previous notice

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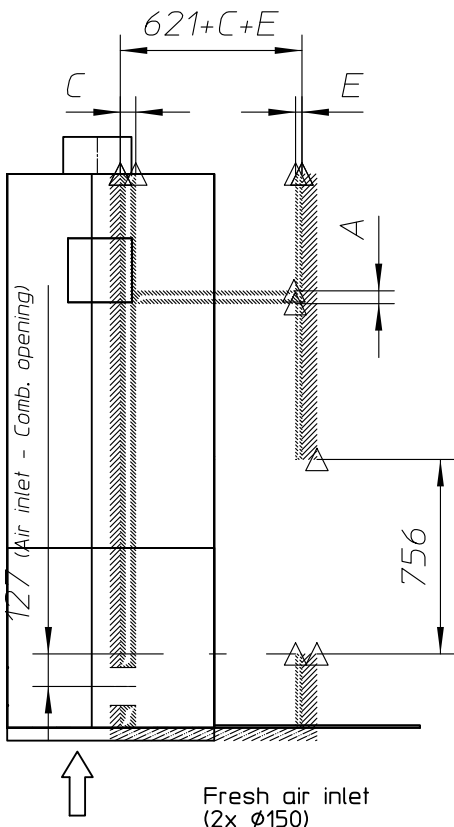
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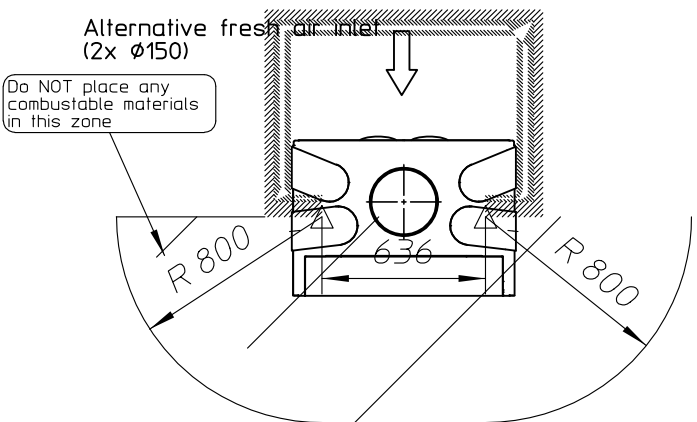
Without finishing frame



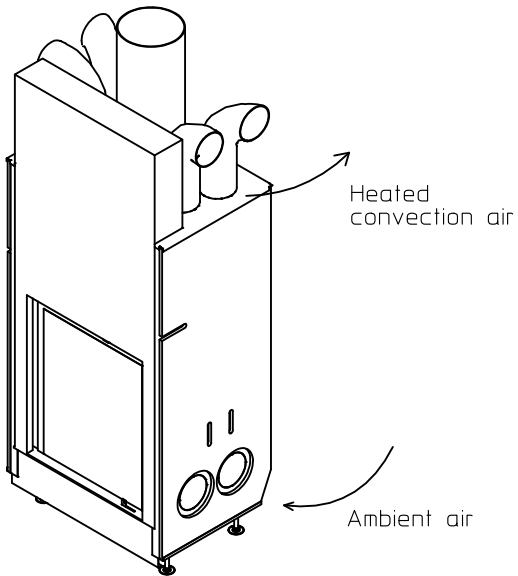
Alternative fresh air inlet (2x Ø150)



Fresh air inlet (2x Ø150)



Heated convection air



Heated convection air

Ambient air

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Technical Document

ULTIME D MF 600-75 WHE 1S BBQ

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- combustion opening WxH: 636x756
  - external WxDxH: 860x619x2061
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  - diameter flue: Ø250

- Technical Data**
- capacity: 18.8kW
  - efficiency capacity: 79.6%
  - CO (volume with 13%O<sub>2</sub>): 0.07%
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  - weight: 368kg
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  - Air exhaust to convection: minimum 360cm<sup>2</sup> (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)

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

With finishing frame 90/10

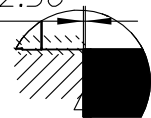
$881+2 \times D$

$D$

Min 28 - Max 78

Detail3  
Scale 1:10

2.38

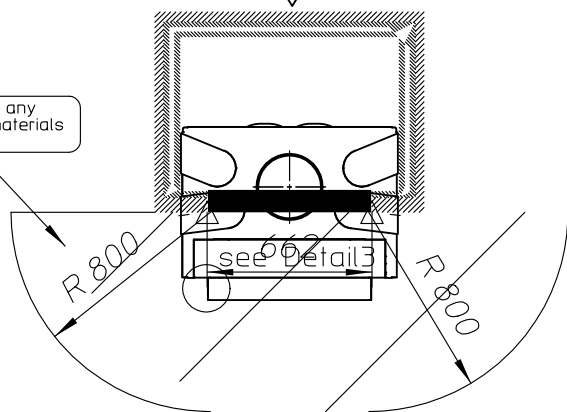


Alternative fresh air inlet  
(2x  $\phi 150$ )



Heated convection air

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  $\phi 150$ )

102 (Air inlet - Comb. opening)

$621+C+E$

$C$

$E$

$A$

75.95

782

Fresh air inlet  
(2x  $\phi 150$ )

Heated  
convection air

Ambient air

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## Technical Document

ULTIME D MF 600-75 WHE 1S BBO

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### Specifications

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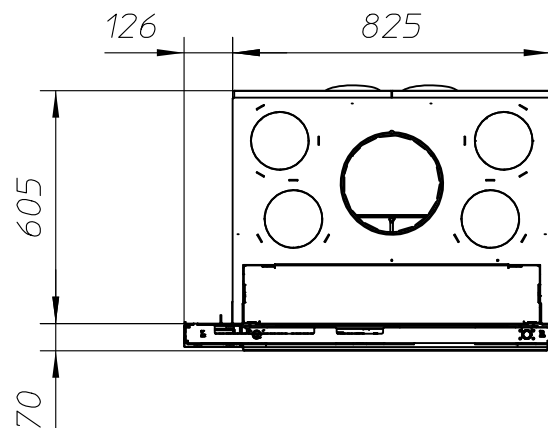
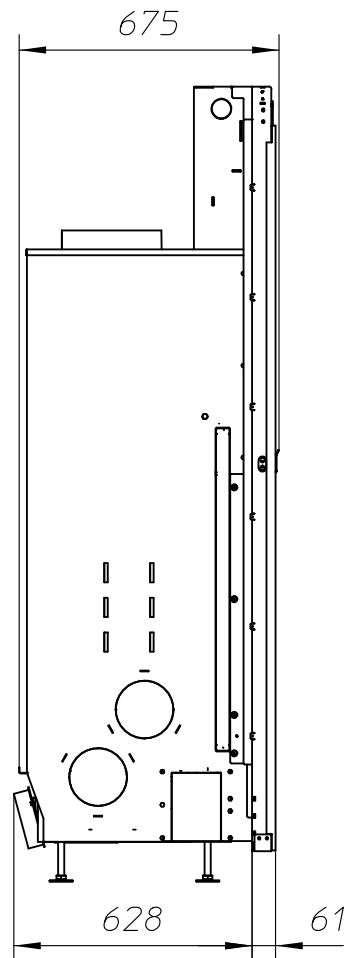
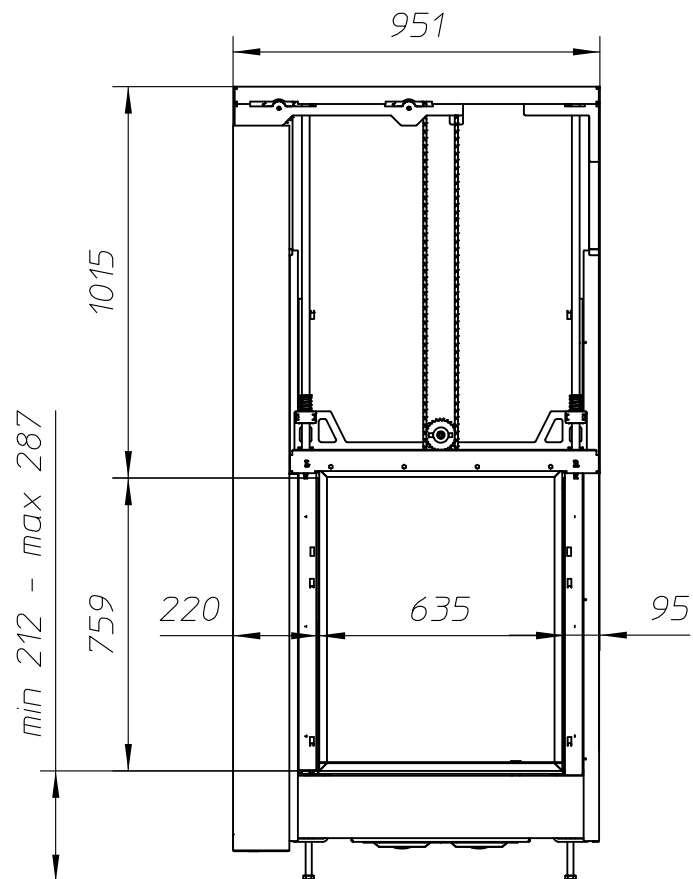
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WITH FIRESCREEN - NO FINISHING FRAME



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## 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%O<sub>2</sub>): 0.07%
- dust (volume with 13%O<sub>2</sub>): 20mg/Nm<sup>3</sup>
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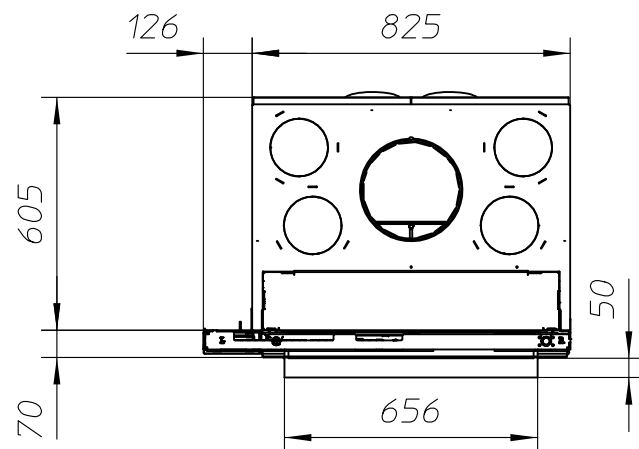
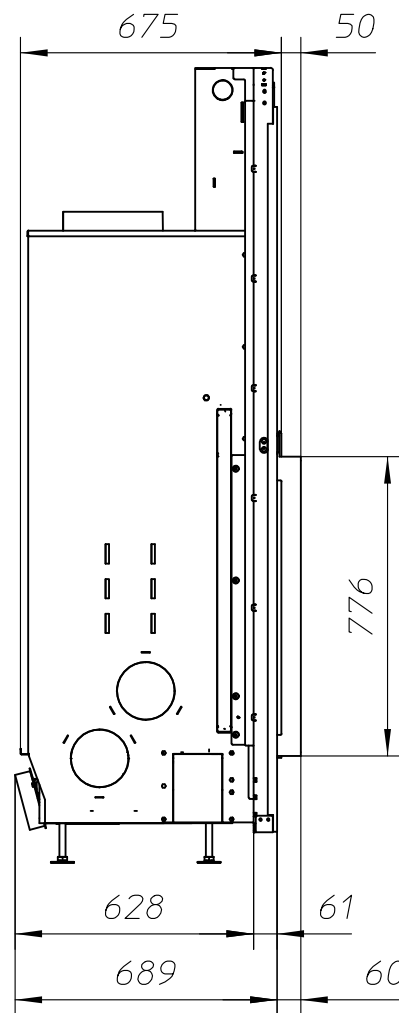
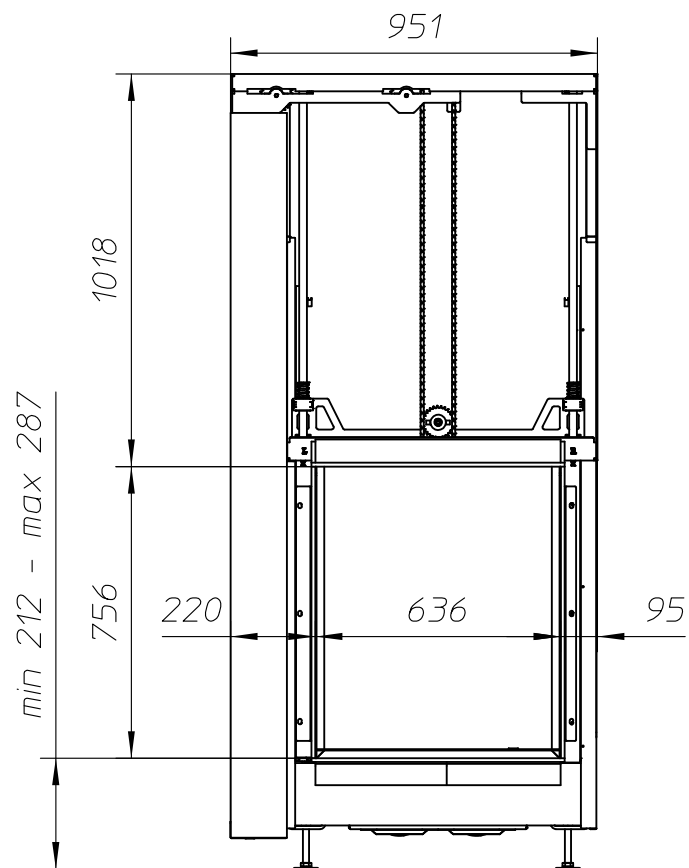
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General dimensional tolerances up to 6mm  
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WITH FIRESCREEN AND FINISHING FRAME 120/10



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Technical Document

ULTIME D MF 600-75 WHE 1S BBQ

#### Dimensions (mm)

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

#### Technical Data

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- dust (volume with 13%O<sub>2</sub>): 20mg/Nm<sup>3</sup>
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