

PRODUCT INFORMATION:

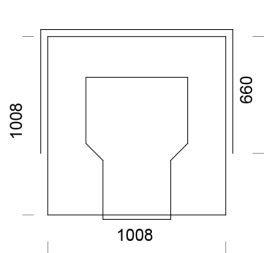
Thermal energy:	73,9 kWh,	PL: 75,9 kWh
Energy efficiency:	85 %,	PL: 87 %
CO%:	0,25 %,	PL: 0,25 %
Heat storage capacity:		
100 %	after 10,7 hours,	PL: after 11,8 hours
50 %	after 50,1 hours,	PL: after 54,8 hours
25 %	after 93,0 hours,	PL: after 101,9 hours

PRODUCT NUMBERS:

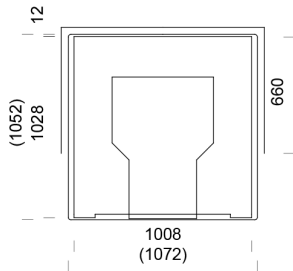
Product	Product number	Weight kg	Height mm
EMMA	3U	3385	1824
EMMA-1	3U-1	3450	1824
EMMA-2	3U-2	3390	1824
EMMA PL	3UP	3900	1824

NEEDED FOR ASSEMBLY:

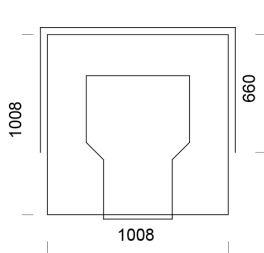
\* Mortar 2 x 25 kg (not included in NunnaUuni delivery).



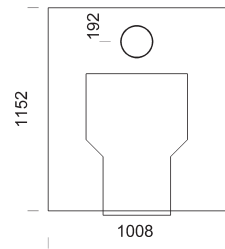
EMMA



EMMA-1



EMMA-2



EMMA PL

PL = Top connection

## PRODUCT INFORMATION

	BAKING OVEN / BAKING SPACE		FIREWOOD			FLUE CALCULATION VALUES <sup>(1)</sup>				MAX. FLUE TEMPERATURE IN SECURITY TEST
	Width [mm]	Depth [mm]	Length [cm]	Max amount of wood [kg]	Length baking oven [cm]	Flue gas temperature [°C]	Min. flue draught [Pa]	Mass flow [g/s]	Flue connection Ø (min.)	Temperature °C
Emma	384/576	778	-	20	33	200	-11,7	36	180	325
Emma PL	384/576	778	-	20	33	169	-11,7	36	180	325

## FLUE CONNECTION TABLE

	RECOMMENDED FLUE [mm]				FLUE CONNECTION MEASUREMENTS [mm]			INCOMING AIR		
	approx. 150x150	approx. 150x200	approx. 150x300	round Ø	[A]	[B]	[C]	Incoming air pipe location L [mm]	Replacement air unit	Burning air approx. m³/h
Emma	-	x	x	180-210	180-220	250	350	848	910274	70-100
coal combustion <sup>(2)</sup>	x	-	-	130-150	100	100	770	-	-	-
Emma PL	-	-	-	180	-	-	-	848	910274	70-100

## SAFETY DISTANCES TO COMBUSTIBLE MATERIALS

	According to EN 15250			
	Behind	On the sides	Top	Front
Emma	50	150	200	1000
Emma PL	50	150	200	1000

<sup>1)</sup> The flue calculation values apply for countries that require flue calculation in accordance with the DIN 18160 and DIN EN 13384 standards. It is recommendable to contact chimney sweeper beforehand.

<sup>2)</sup> Connection to two flues is recommended, in which case a separate connection pipe must be ordered. When connection is to one flue, a separate opening for the connection of combustion gases of the embers is not made.

## Take a notice of the countryspecific approvals in section 3

### NOTES!

The flue heat category required by the fireplace is T400.

The recommended minimum flue height is 5 m. In countries where the flue calculation is required, should the calculation be done according to the instructions and regulations of the flue calculation.

A damper designed for adjusting the draft is always recommended for a flue connection or flue. In the picture you can see the Finnish version.

## Country- and region-specific regulations must be adhered to when installing the fireplace

