

s16-cube 58 | The stove

stuv

appearance

compact and subtle design
can be placed on the ground,
on a brickwork base or on a Stúv base
accessibility to all mechanisms

ergonomics

high efficiency

economical

low wood consumption

low pollutant levels

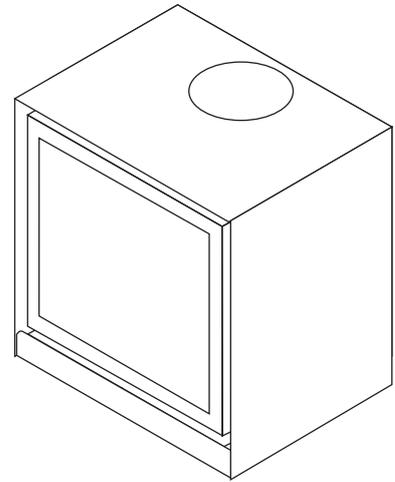
low emission of CO and fine particles

air-tightness

++

for traditional and
energy-efficient homes

✓



TECHNICAL SPECIFICATIONS

GENERAL

TYPE OF SYSTEM	stove
MATERIALS	steel + vermiculite
COLOUR	Stúv grey
LOADING	manual
FUEL	wood
POSITION OF LOGS	horizontal
LENGTH OF LOGS	40 cm

WEIGHT / DIMENSIONS

WEIGHT	105 kg
Ø OF SMOKE DUCT	180 mm
HOT-AIR OUTLET	front
Ø OUTSIDE AIR INLET	63 mm

AIR

DIRECT OUTSIDE INLET	✓
CONTROL OF PRIMARY AIR	✓
CONTROL OF SECONDARY AIR	✓
POST-COMBUSTION	✓
AIR-TIGHTNESS	++
OPERATION WITHOUT FAN	✓
OVERHEATING INDICATOR	X

PERFORMANCE

ENERGY EFFICIENCY CLASS	A
ENERGY PERFORMANCE INDEX	0,4
ENERGY EFFICIENCY INDEX	105
OUTPUT	7,0 kW
OUTPUT RANGE	3,4 - 8,4 kW
NOMINAL EFFICIENCY	79,10%
SEASONAL EFFICIENCY	69,10%
FINE PARTICLE EMISSIONS	15 mg/Nm ³
CO EMISSIONS	0,06 %
	755 mg/Nm ³
NOX EMISSIONS	96 mg/Nm ³
COV/COG EMISSIONS	33 mg/Nm ³
RANGE OF WOOD CONSUMPTION	1,0 - 2,4 kg/h
NOMINAL DRAW	12 Pa
SMOKE MASS FLOW	5,9 g/s
AVERAGE TEMP. OF SMOKE	359°C
CONSUMPTION OF ROOM AIR FOR COMBUSTION	15 m ³ /h

MINIMUM SAFETY DISTANCE
FROM ADJACENT COMBUSTIBLE
MATERIALS

BACK FACE	35 cm
SIDE FACE	25 cm
UPPER FACE	-
INSIDE FACE	0 cm

ACCESSORIES / EQUIPMENT

ACCUMULATION	X
CUPBOARD	X
BARBECUE	X
ASHTRAY	X
CONVECTION	✓
FAÇADE	X
OPEN FIRE	X
MOBILOBOX	○
GROUND PLATE	X
READY-TO-FIT	X
LOG RACK	✓
ROTARY FUNCTION	X
BASE	✓
FAN	○
RETRACTABLE GLASS	X

LEGEND

✓	STANDARD
X	UNAVAILABLE
○	OPTIONAL

Conforms with:



ECODESIGN 2022 / BE Phase 3 / DEFRA

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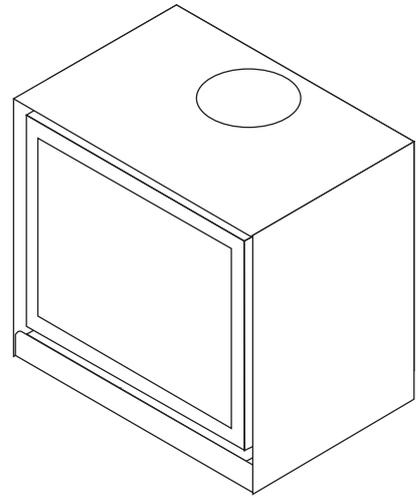
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air-tightness

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TECHNICAL SPECIFICATIONS

GENERAL

TYPE OF SYSTEM	stove
MATERIALS	steel + vermiculite
COLOUR	Stuv grey
LOADING	manual
FUEL	wood
POSITION OF LOGS	horizontal
LENGTH OF LOGS	50 cm

WEIGHT / DIMENSIONS

WEIGHT	113 kg
Ø OF SMOKE DUCT	180 mm
HOT-AIR OUTLET	front
Ø OUTSIDE AIR INLET	63 mm

AIR

DIRECT OUTSIDE INLET	✓
CONTROL OF PRIMARY AIR	✓
CONTROL OF SECONDARY AIR	✓
POST-COMBUSTION	✓
AIR-TIGHTNESS	++
OPERATION WITHOUT FAN	✓
OVERHEATING INDICATOR	X

PERFORMANCE

ENERGY EFFICIENCY CLASS	A
ENERGY PERFORMANCE INDEX	0,6
ENERGY EFFICIENCY INDEX	102
OUTPUT	7,4 kW
OUTPUT RANGE	3,5 - 8,9 kW
NOMINAL EFFICIENCY	77,0%
SEASONAL EFFICIENCY	67,0%
FINE PARTICLE EMISSIONS	15 mg/Nm ³
CO EMISSIONS	0,08 %
	966 mg/Nm ³
NOX EMISSIONS	96 mg/Nm ³
COV/COG EMISSIONS	34 mg/Nm ³
RANGE OF WOOD CONSUMPTION	1,0 - 2,6 kg/h
NOMINAL DRAW	12 Pa
SMOKE MASS FLOW	7,3 g/s
AVERAGE TEMP. OF SMOKE	351°C
CONSUMPTION OF ROOM AIR FOR COMBUSTION	19 m ³ /h

MINIMUM SAFETY DISTANCE
FROM ADJACENT COMBUSTIBLE
MATERIALS

BACK FACE	30 cm
SIDE FACE	15 cm
UPPER FACE	-
INSIDE FACE	0 cm

ACCESSORIES / EQUIPMENT

ACCUMULATION	X
CUPBOARD	X
BARBECUE	X
ASHTRAY	X
CONVECTION	✓
FAÇADE	X
OPEN FIRE	X
MOBILOBOX	○
GROUND PLATE	X
READY-TO-FIT	X
LOG RACK	✓
ROTARY FUNCTION	X
BASE	✓
FAN	○
RETRACTABLE GLASS	X

LEGEND

✓	STANDARD
X	UNAVAILABLE
○	OPTIONAL

Conforms with:



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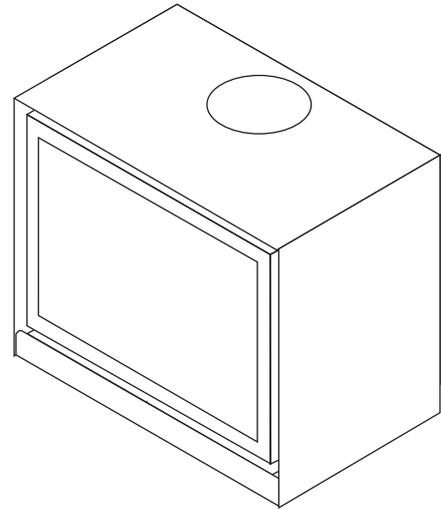
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air-tightness

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TECHNICAL SPECIFICATIONS

GENERAL

TYPE OF SYSTEM	stove
MATERIALS	steel + vermiculite
COLOUR	Stuv grey
LOADING	manual
FUEL	wood
POSITION OF LOGS	horizontal
LENGTH OF LOGS	60 cm

WEIGHT / DIMENSIONS

WEIGHT	121 kg
Ø OF SMOKE DUCT	180 mm
HOT-AIR OUTLET	front
Ø OUTSIDE AIR INLET	63 mm

AIR

DIRECT OUTSIDE INLET	✓
CONTROL OF PRIMARY AIR	✓
CONTROL OF SECONDARY AIR	✓
POST-COMBUSTION	✓
AIR-TIGHTNESS	++
OPERATION WITHOUT FAN	✓
OVERHEATING INDICATOR	X

PERFORMANCE

ENERGY EFFICIENCY CLASS	A
ENERGY PERFORMANCE INDEX	0,6
ENERGY EFFICIENCY INDEX	102
OUTPUT	7,8 kW
OUTPUT RANGE	3,6 - 9,3 kW
NOMINAL EFFICIENCY	77,0 %
SEASONAL EFFICIENCY	67,0 %
FINE PARTICLE EMISSIONS	14 mg/Nm ³
CO EMISSIONS	0,08 %
	966 mg/Nm ³
NOX EMISSIONS	82 mg/Nm ³
COV/COG EMISSIONS	34 mg/Nm ³
RANGE OF WOOD CONSUMPTION	1,0 - 2,7 kg/h
NOMINAL DRAW	12 Pa
SMOKE MASS FLOW	7,6 g/s
AVERAGE TEMP. OF SMOKE	342,8°C
CONSUMPTION OF ROOM AIR FOR COMBUSTION	20 m ³ /h

MINIMUM SAFETY DISTANCE
FROM ADJACENT COMBUSTIBLE
MATERIALS

BACK FACE	30 cm
SIDE FACE	15 cm
UPPER FACE	-
INSIDE FACE	0 cm

ACCESSORIES / EQUIPMENT

ACCUMULATION	X
CUPBOARD	X
BARBECUE	X
ASHTRAY	X
CONVECTION	✓
FAÇADE	X
OPEN FIRE	X
MOBILOBOX	○
GROUND PLATE	X
READY-TO-FIT	X
LOG RACK	✓
ROTARY FUNCTION	X
BASE	✓
FAN	○
RETRACTABLE GLASS	X

LEGEND

✓	STANDARD
X	UNAVAILABLE
○	OPTIONAL

Conforms with:

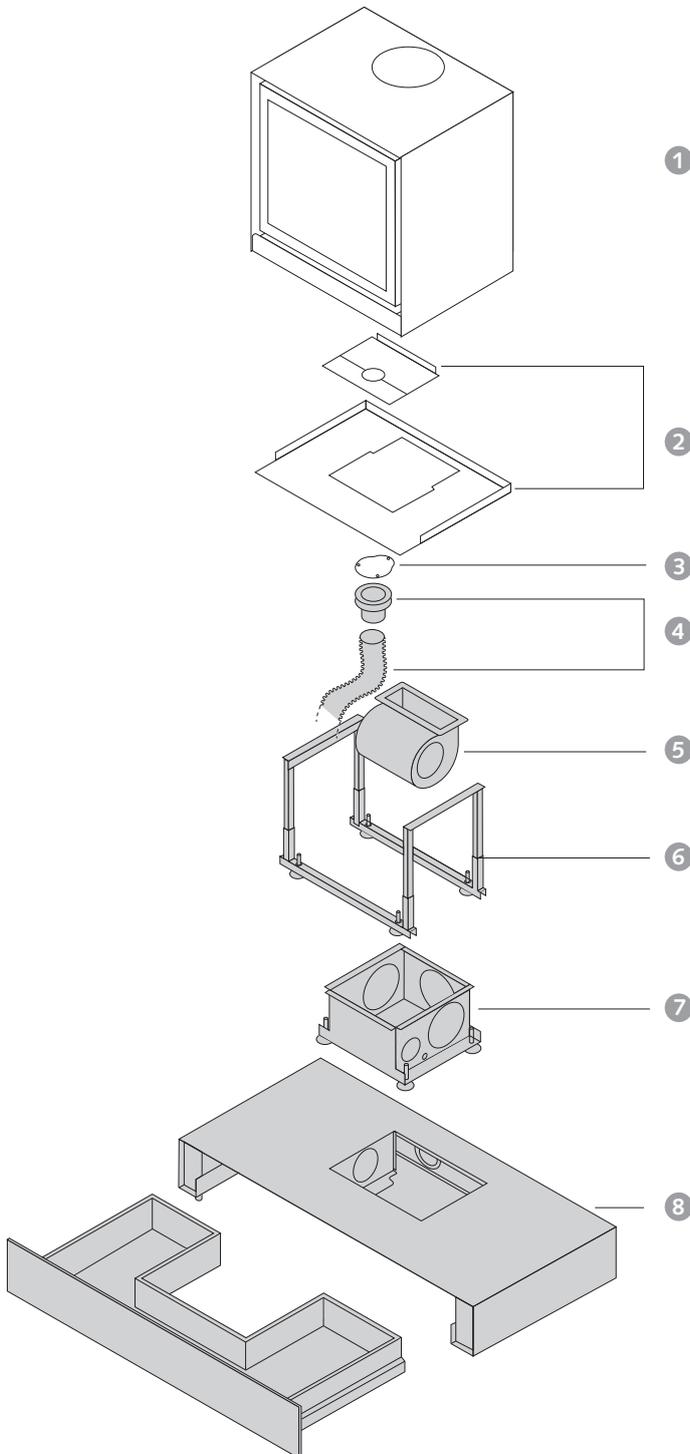


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s16-cube | The stove



THE BASIC STOVE AND ITS OPTIONAL FEATURES



1. Fireplace

2. Support plate

3. Cable outlet

4. Outside air intake kit:
flue outlet + Ø 63 mm flexible tubing (3 m)

5. Fan

6. Adjustable support table

7. Ventilation chamber

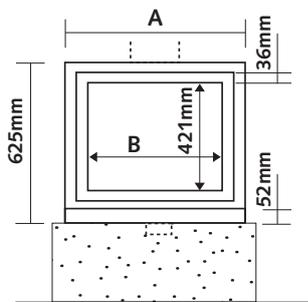
8. Base for stove fitted with a fan,
an outside air connection or both.
A simpler model is available for
stoves without a fan and without
an outside air connection

s16-cube | The stove

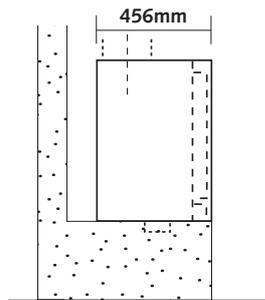


DIMENSIONS OF THE STOVE WITHOUT FAN

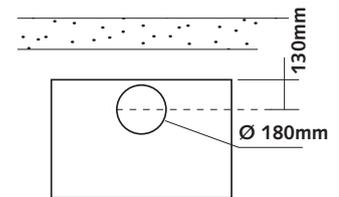
VIEW FROM FRONT



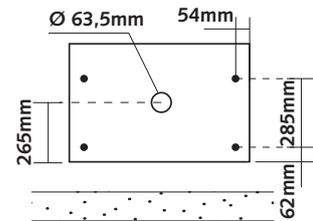
VIEW FROM BELOW



VIEW FROM ABOVE

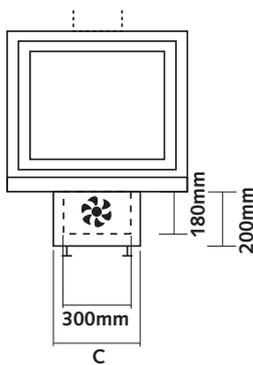


VIEW FROM BEHIND

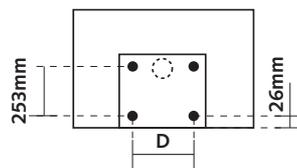


DIMENSIONS OF THE STOVE WITH FAN

VIEW FROM FRONT



VIEW FROM BEHIND

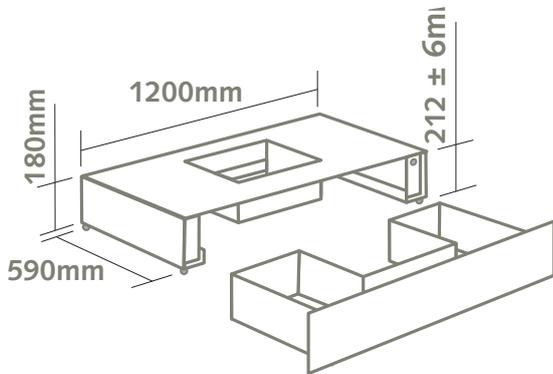


DIMENSIONS	A	B	C	D
s16-cube 58	580 mm	448 mm	340 mm	288 mm
s16-cube 68	680 mm	548 mm	540 mm	512 mm
s16-cube 78	780 mm	648 mm	540 mm	512 mm

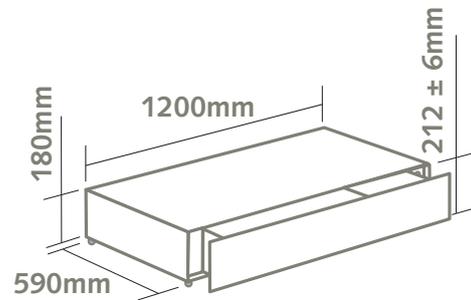
s16-cube | Accessories



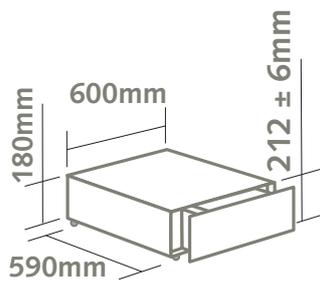
BASE WITH U-SHAPED DRAWER - 120CM



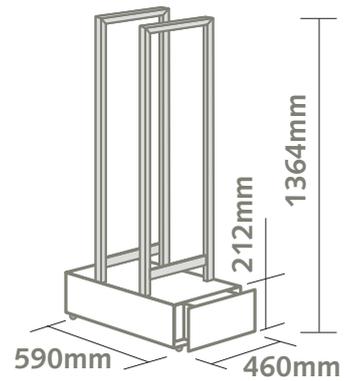
BASE WITH DRAWER - 120CM



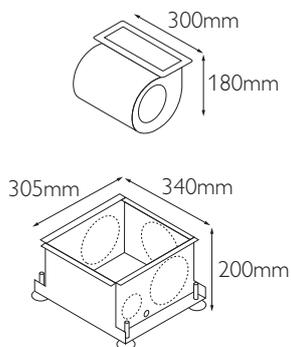
BASE WITH DRAWER - 60CM



MOBILE LOG RACK (FOR 25 TO 50 CM LOGS)



S16-CUBE 58 FAN KIT (FAN + VENTILATION CHAMBER)



S16-CUBE 68 & S16-CUBE 78 FAN KIT (FAN + VENTILATION CHAMBER)

