

16/58-cube | The stove

stuv

appearance

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

ergonomics

high efficiency

economical

low wood consumption

low pollutant levels

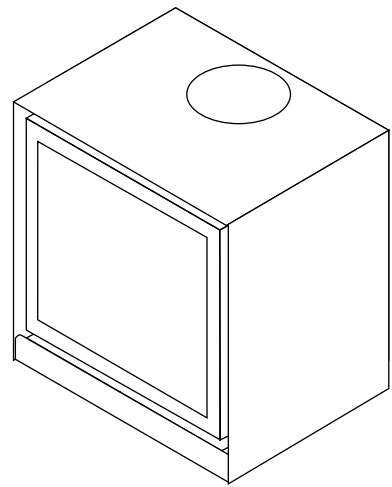
low emission of CO and fine particles

air-tightness

++

for traditional and
energy-efficient homes

✓



TECHNICAL SPECIFICATIONS

GENERAL

TYPE OF SYSTEM	stove
MATERIALS	steel + vermiculite
COLOUR	Stuv 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

PERFORMANCE

OUTPUT	8 kW
USAGE RANGE	6-9 kW
EFFICIENCY	80%
CO EMISSIONS	0,09%
FINE PARTICLE EMISSIONS	73 mg/Nm³
RANGE OF WOOD CONSUMPTION	1.7 - 2.5 kg/h
MINIMUM DRAW	12 Pa
SMOKE MASS FLOW	5.7 g/s
AVERAGE SMOKE TEMPERATURE	283°C
CONSUMPTION OF AIR FOR COMBUSTION	18.2 m³/h

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

AIR

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

MINIMUM SAFETY DISTANCE
FROM ADJACENT COMBUSTIBLE
MATERIALS

BACK FACE	10 cm
SIDE FACE	15 cm
UPPER FACE	-
INSIDE FACE	0 cm

LEGEND

✓	YES
X	NO
○	OPTIONAL

according to:
- OPair (CH)
- BE Phase 1 & 2
- BlmSchV1 (DE)



16/68-cube | The stove

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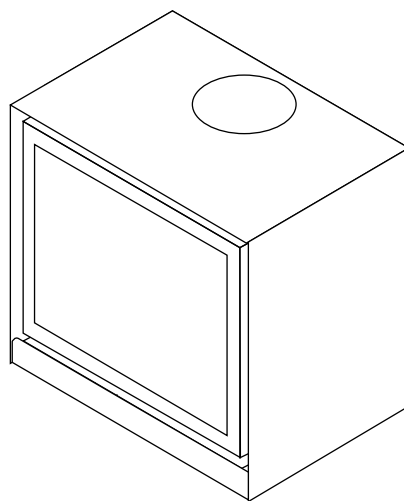
low emission of CO and fine particles

air-tightness

++

for traditional and energy-efficient homes

✓

**TECHNICAL SPECIFICATIONS****GENERAL**

TYPE OF SYSTEM	stove
MATERIALS	steel + vermiculite
COLOUR	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

PERFORMANCE

OUTPUT	9 kW
USAGE RANGE	7-11 kW
EFFICIENCY	77 %
CO EMISSIONS	0,09 %
FINE PARTICLE EMISSIONS	72 mg/Nm³
RANGE OF WOOD CONSUMPTION	2.1 - 3.3 kg/h
MINIMUM DRAW	12 Pa
SMOKE MASS FLOW	6.6 g/s
AVERAGE SMOKE TEMPERATURE	330°C
CONSUMPTION OF AIR FOR COMBUSTION	20.4 m³/h

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

AIR

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

MINIMUM SAFETY DISTANCE FROM ADJACENT COMBUSTIBLE MATERIALS

BACK FACE	10 cm
SIDE FACE	15 cm
UPPER FACE	-
INSIDE FACE	0 cm

LEGEND

✓	YES
X	NO
○	OPTIONAL

according to:
- OPair (CH)
- BE Phase 1 & 2
- BlmSchV1 (DE)



16/78-cube | The stove

stuv

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low pollutant levels

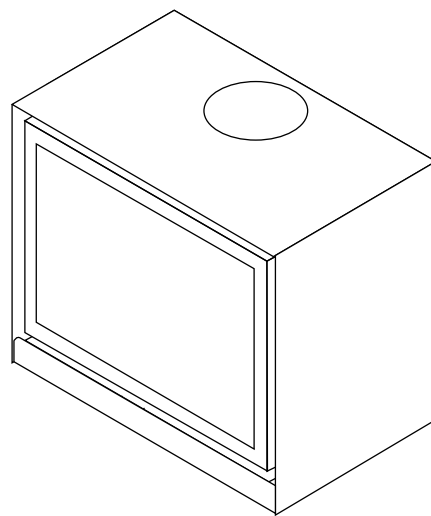
low emission of CO and fine particles

air-tightness

++

for traditional and
energy-efficient homes

✓



TECHNICAL SPECIFICATIONS

GENERAL

TYPE OF SYSTEM	stove
MATERIALS	steel + vermiculite
COLOUR	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

PERFORMANCE

OUTPUT	10 kW
USAGE RANGE	8-12 kW
EFFICIENCY	75%
CO EMISSIONS	0,09%
FINE PARTICLE EMISSIONS	70 mg/Nm³
RANGE OF WOOD CONSUMPTION	2.4 - 3.6 kg/h
MINIMUM DRAW	12 Pa
SMOKE MASS FLOW	7.4 g/s
AVERAGE SMOKE TEMPERATURE	378°C
CONSUMPTION OF AIR FOR COMBUSTION	22.2 m³/h

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

AIR

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

MINIMUM SAFETY DISTANCE
FROM ADJACENT COMBUSTIBLE
MATERIALS

BACK FACE	10 cm
SIDE FACE	15 cm
UPPER FACE	-
INSIDE FACE	0 cm

LEGEND

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X	NO
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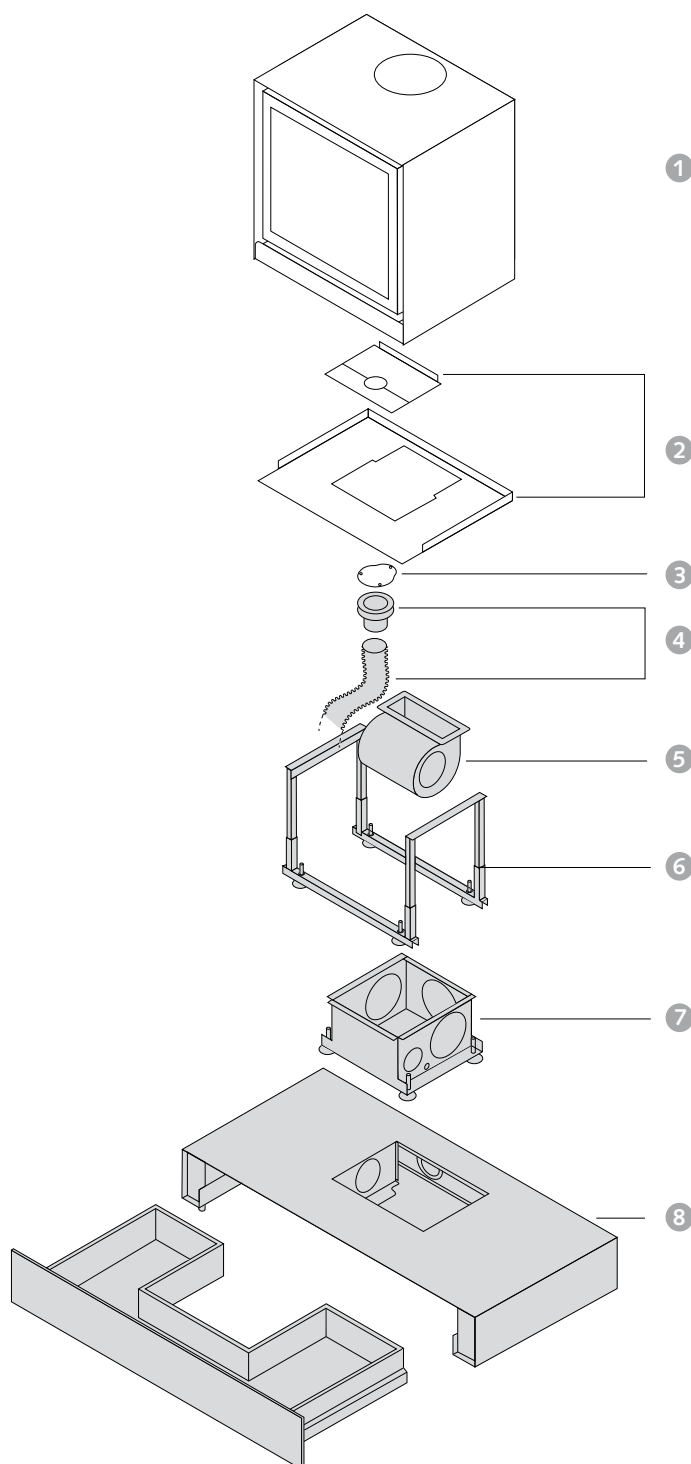
according to:
- OPair (CH)
- BE Phase 1 & 2
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16-cube | The stove



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

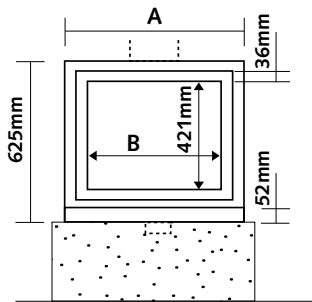
8. Base for stove fitted with a fan,
an outside air connection or both.
A simpler model is available for
stoves without a fan and without
an outside air connection

16-cube | The stove

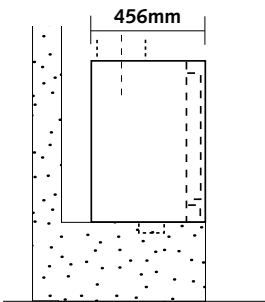


DIMENSIONS OF THE STOVE WITHOUT FAN

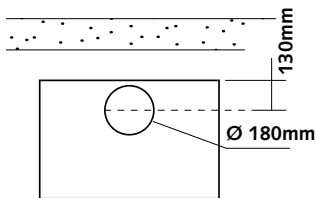
VIEW FROM FRONT



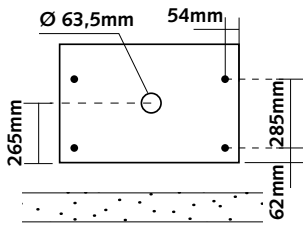
VIEW FROM BELOW



VIEW FROM ABOVE

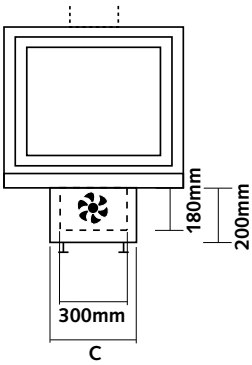


VIEW FROM BEHIND

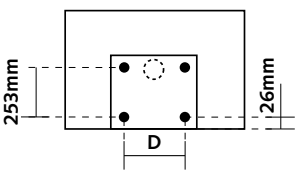


DIMENSIONS OF THE STOVE WITH FAN

VIEW FROM FRONT



VIEW FROM BEHIND

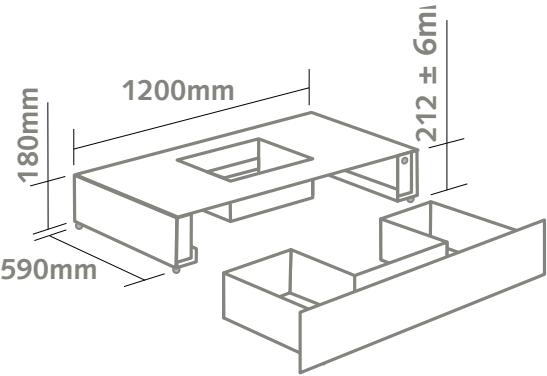


DIMENSIONS	A	B	C	D
16/58-cube	580 mm	448 mm	340 mm	288 mm
16/68-cube	680 mm	548 mm	540 mm	512 mm
16/78-cube	780 mm	648 mm	540 mm	512 mm

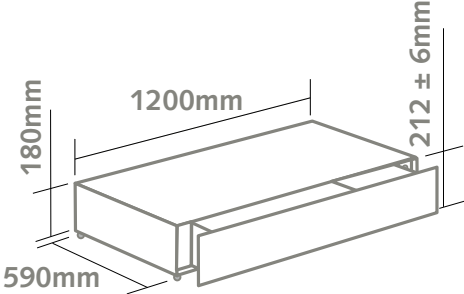
16-cube | Accessories



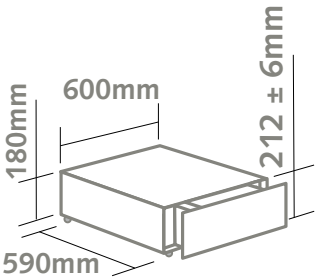
BASE WITH U-SHAPED DRAWER - 120CM



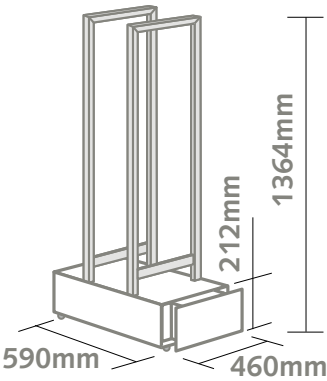
BASE WITH DRAWER - 120CM



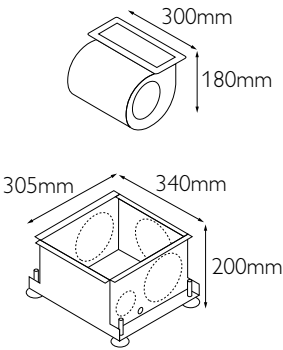
BASE WITH DRAWER - 60CM



MOBILE LOG RACK (FOR 25 TO 50 CM LOGS)



16/58-CUBE FAN KIT (FAN + VENTILATION CHAMBER)



**16/68-CUBE & 16/78-CUBE
FAN KIT (FAN + VENTILATION CHAMBER)**

