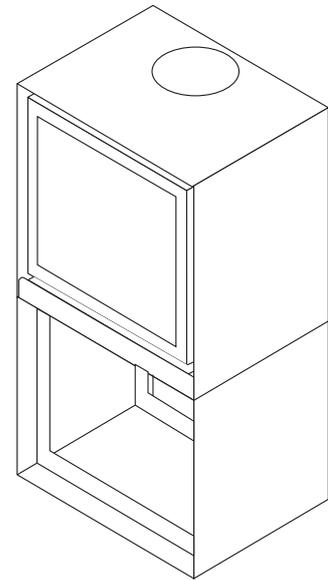


s16-H 58 | The stove

stuv

appearance	compact and subtle design
ergonomics	accessibility to all mechanisms
high efficiency	
economical	low wood consumption
low pollutant levels	low emission of CO and fine particles
air-tightness	++
for traditional and energy-efficient homes	✓
integrated log holder	✓



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	136 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	✗

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

LEGEND

✓	STANDARD
✗	UNAVAILABLE
○	OPTIONAL

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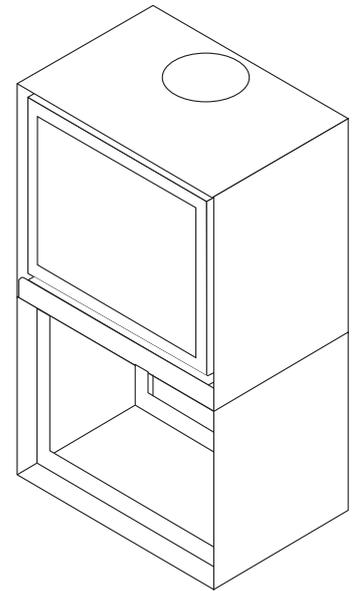


ECODESIGN 2022 / BE Phase 3 / DEFRA

s16-H 68 | The stove

stuv

appearance	compact and subtle design
ergonomics	accessibility to all mechanisms
high efficiency	
economical	low wood consumption
low pollutant levels	low emission of CO and fine particles
air-tightness	++
for traditional and energy-efficient homes	✓
integrated log holder	✓



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	147 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	✗

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

LEGEND

✓	STANDARD
✗	UNAVAILABLE
○	OPTIONAL

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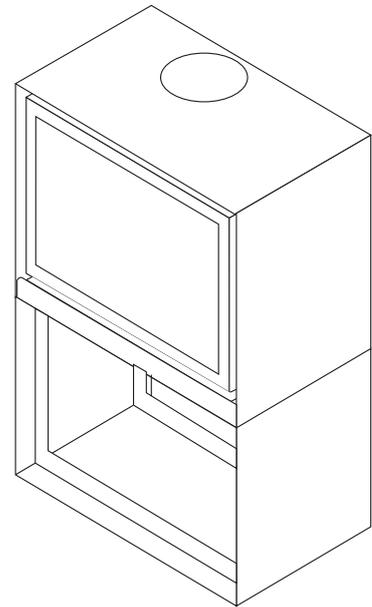


ECODESIGN 2022 / BE Phase 3 / DEFRA

s16-H 78 | The stove

stuv

appearance	compact and subtle design
ergonomics	accessibility to all mechanisms
high efficiency	
economical	low wood consumption
low pollutant levels	low emission of CO and fine particles
air-tightness	++
for traditional and energy-efficient homes	✓
integrated log holder	✓



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	158 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	✗

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

LEGEND

✓	STANDARD
✗	UNAVAILABLE
○	OPTIONAL

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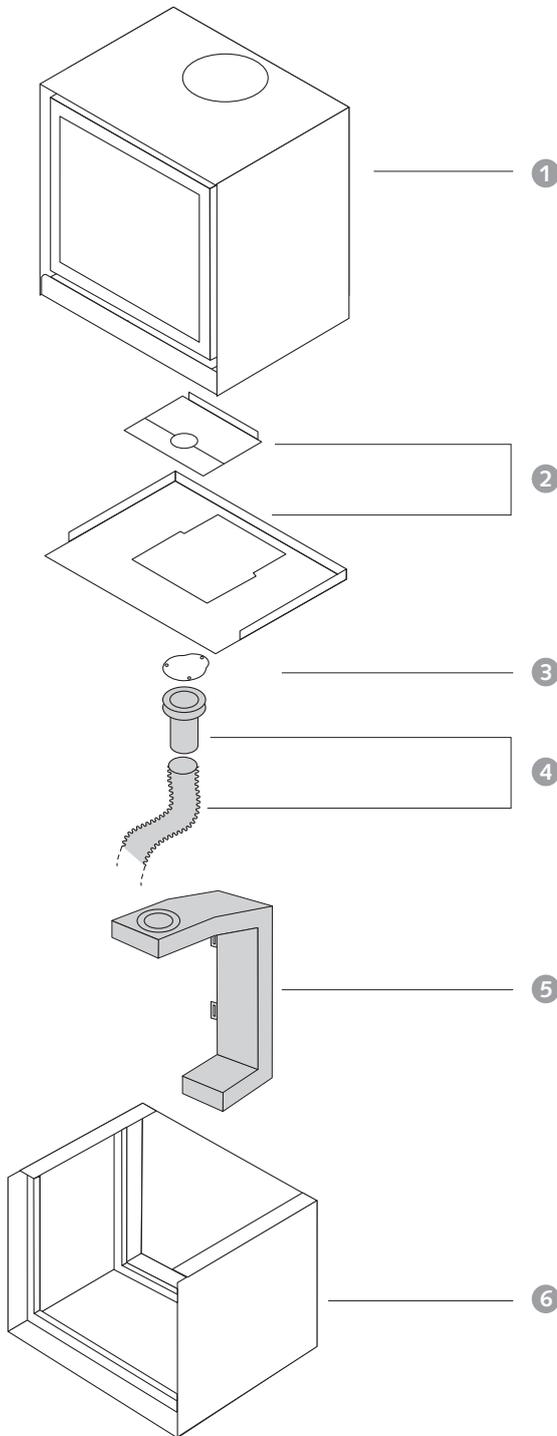


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s16-H | The stove



THE BASIC STOVE AND ITS OPTIONAL FEATURES



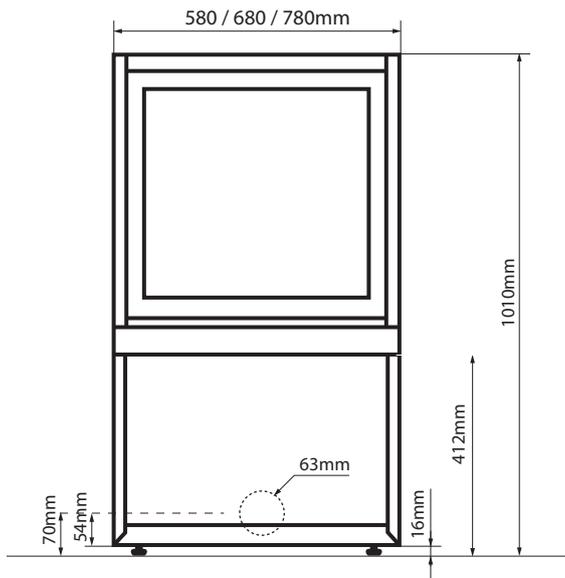
- 1. fireplace
- 2. support plate
- 3. cable outlet
- 4. flue outlet+ Ø 63 mm flexible tubing (3 m)
- 5. air inlet duct
- 6. base

s16-H | The stove

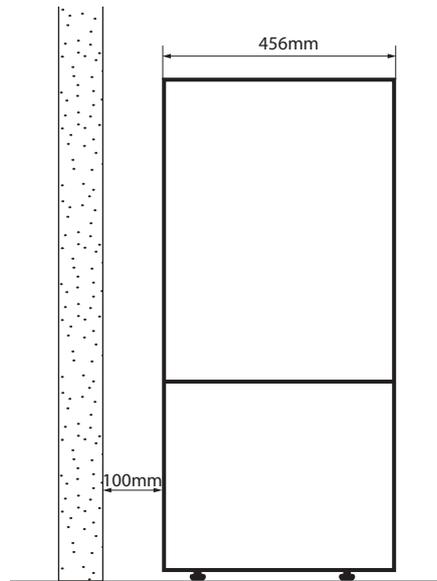


DIMENSIONS OF THE STOVE

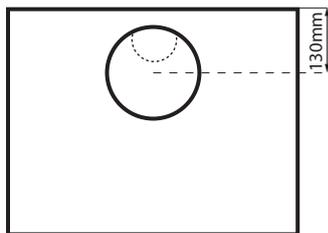
VIEW FROM FRONT



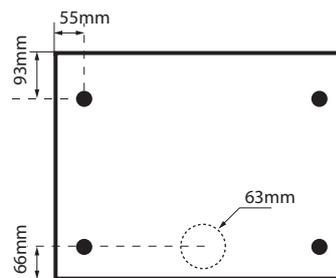
VIEW OF PROFILE



VIEW FROM ABOVE



VIEW FROM BELOW



ACCESSORY

AIR INLET DUCT KIT

