

## s16-D4 58 | The stove

stuv

<b>sober appearance</b>	can be placed on a wooden or custom-made base
<b>ergonomics</b>	accessibility to all mechanisms
<b>high efficiency</b>	
<b>economical</b>	low wood consumption
<b>low pollutant levels</b>	low emission of CO and fine particles
<b>air-tightness</b>	++
<b>for traditional and energy-efficient homes</b>	✓



## 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	204 kg
WEIGHT OF WOODEN BASE	15 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 - 10 kW
NOMINAL EFFICIENCY	79,10%
SEASONAL EFFICIENCY	69,10%
FINE PARTICLE EMISSIONS	15 mg/Nm <sup>3</sup>
CO EMISSIONS	0,06 %
	755 mg/Nm <sup>3</sup>
NOX EMISSIONS	96 mg/Nm <sup>3</sup>
COV/COG EMISSIONS	33 mg/Nm <sup>3</sup>
RANGE OF WOOD CONSUMPTION	1,0 - 2,0 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 <sup>3</sup> /h

## MINIMUM THICKNESS OF INSULATION BETWEEN STOVE AND COMBUSTIBLE MATERIALS

BACK FACE	3 cm
SIDE FACE	3 cm
TOP FACE	9 cm
BOTTOM 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

Conforms with:



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<b>air-tightness</b>	++
<b>for traditional and energy-efficient homes</b>	✓



## 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	226 kg
WEIGHT OF WOODEN BASE	20 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	4 - 11 kW
NOMINAL EFFICIENCY	77,0%
SEASONAL EFFICIENCY	67,0 %
FINE PARTICLE EMISSIONS	15 mg/Nm³
CO EMISSIONS	0,08 % 966 mg/Nm³
NOX EMISSIONS	96 mg/Nm³
COV/COG EMISSIONS	34 mg/Nm³
RANGE OF WOOD CONSUMPTION	1,0 - 2,2 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 m³/h

## MINIMUM THICKNESS OF INSULATION BETWEEN STOVE AND COMBUSTIBLE MATERIALS

BACK FACE	3 cm
SIDE FACE	3 cm
TOP FACE	9 cm
BOTTOM 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

Conforms with:



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<b>air-tightness</b>	++
<b>for traditional and energy-efficient homes</b>	✓



## TECHNICAL SPECIFICATIONS

## GENERAL

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

## WEIGHT / DIMENSIONS

WEIGHT	247 kg
WEIGHT OF WOODEN BASE	25 kg
Ø OF SMOKE DUCT	180 mm
HOT-AIR OUTLET	frontale
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	5 - 12 kW
NOMINAL EFFICIENCY	77,0 %
SEASONAL EFFICIENCY	67,0 %
FINE PARTICLE EMISSIONS	14 mg/Nm <sup>3</sup>
CO EMISSIONS	0,08 % 966 mg/Nm <sup>3</sup>
NOX EMISSIONS	82 mg/Nm <sup>3</sup>
COV/COG EMISSIONS	34 mg/Nm <sup>3</sup>
RANGE OF WOOD CONSUMPTION	1,0 - 2,3 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 <sup>3</sup> /h

## MINIMUM THICKNESS OF INSULATION BETWEEN STOVE AND COMBUSTIBLE MATERIALS

BACK FACE	30 cm with insulated duct: 10 cm
SIDE FACE	15 cm
TOP FACE	-
BOTTOM FACE	-

## 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	X
RETRACTABLE GLASS	X

## LEGEND

✓	STANDARD
X	UNAVAILABLE
○	OPTIONAL

Conforms with:

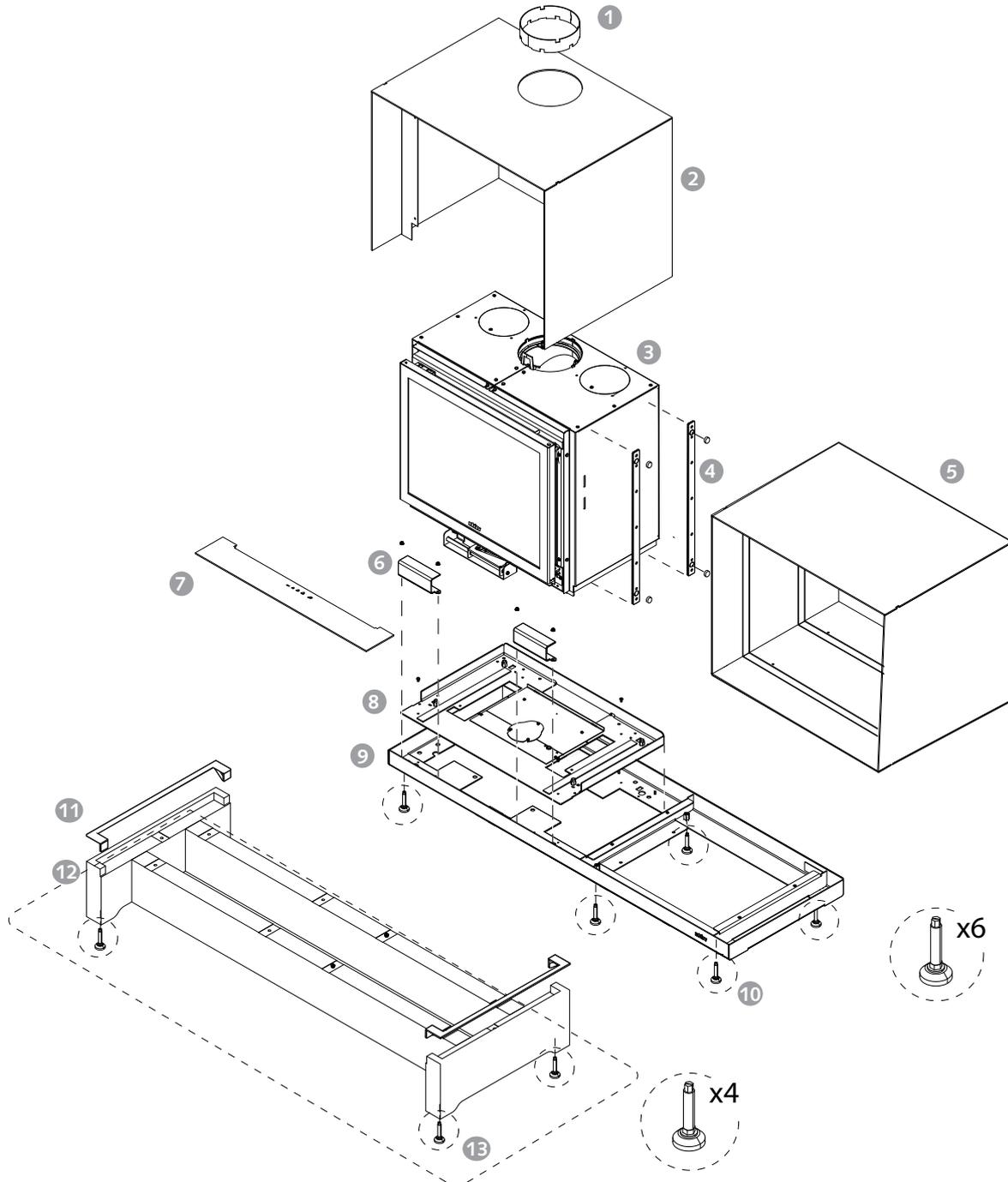


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# s16-D4 | The stove



## THE BASIC STOVE AND ITS OPTIONAL FEATURES



- 1. Nozzle connection flange
- 2. Cube bonnet
- 3. Stove s16-in
- 4. Magnetic spacers x2
- 5. Wood recess

- 6. Shelf supports x2
- 7. Register shelf
- 8. Table top
- 9. Metal base
- 10. Metal base legs x6

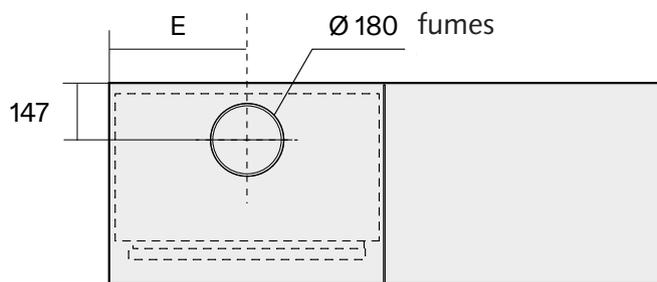
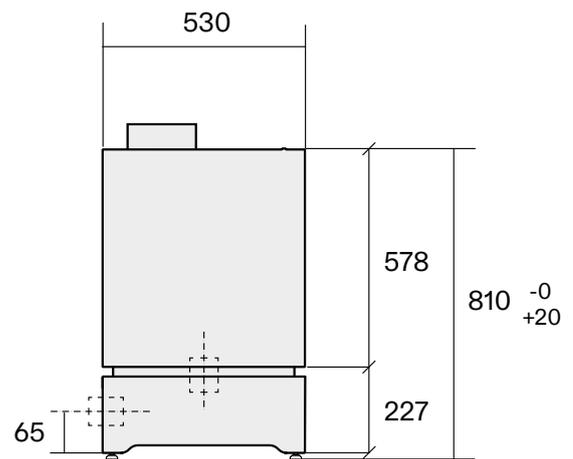
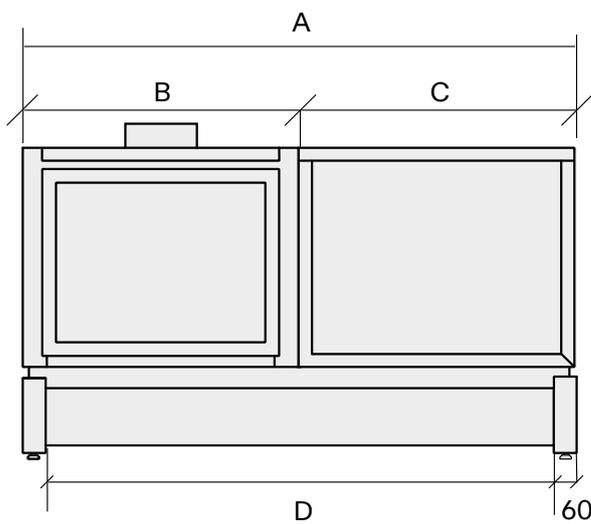
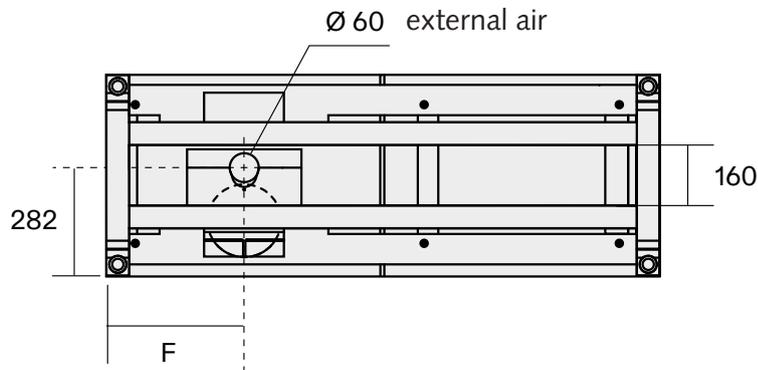
Wooden base kit option:

- 11. Side panels
- 12. Wooden base
- 13. Wooden base legs x4

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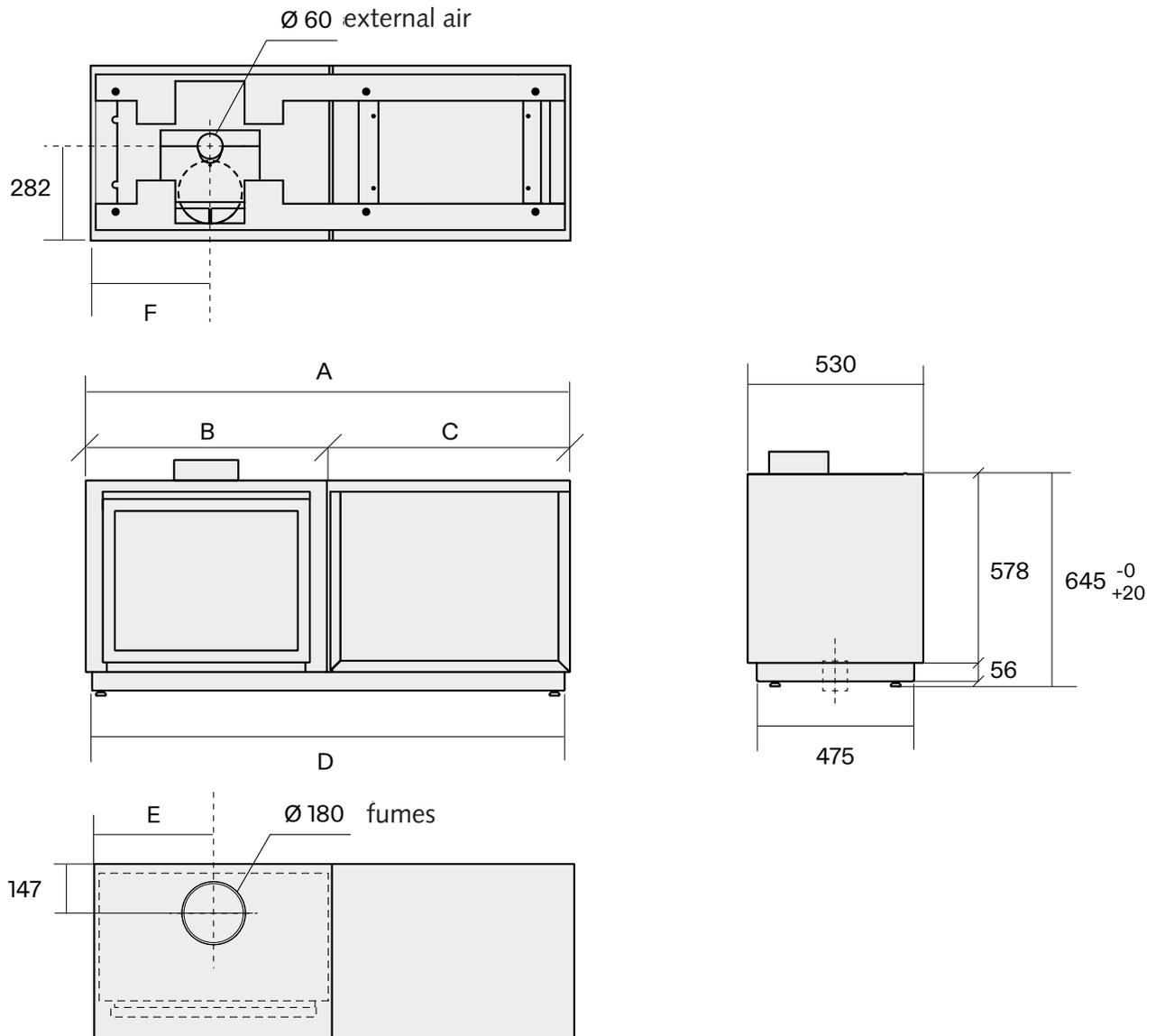


## DIMENSIONS WITH WOODEN BASE



DIMENSIONS	A	B	C	D	E	F
s16-D4 58	1250 mm	625 mm	625 mm	1330 mm	310 mm	310 mm
s16-D4 68	1450 mm	725 mm	725 mm	1530 mm	360 mm	360 mm
s16-D4 78	1650 mm	825 mm	825 mm	1730 mm	410 mm	410 mm

## DIMENSIONS FOR CUSTOM INSTALLATION



DIMENSIONS	A	B	C	D	E	F
s16-D4 58	1250 mm	625 mm	625 mm	1218 mm	310 mm	310 mm
s16-D4 68	1450 mm	725 mm	725 mm	1418 mm	360 mm	360 mm
s16-D4 78	1650 mm	825 mm	825 mm	1618 mm	410 mm	410 mm