16/78-D4 | The stove

sober appearance	can be placed on a wooden or custom-made base
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	✓



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	✗

PERFORMANCE

OUTPUT	8 kW
USAGE RANGE	6-10 kW
EFFICIENCY	75%
EFFICACITÉ ÉNERGÉTIQUE SAISONNIÈRE	65 %
ENERGY EFFICIENCY INDEX (EEI)	99
ENERGY EFFICIENCY CLASS	A
CO EMISSIONS	0,09 %
FINE PARTICLE EMISSIONS	13 mg/Nm^3
CnHm EMISSIONS	94 mg/Nm^3
NOx EMISSIONS	130 mg/Nm^3
RANGE OF WOOD CONSUMPTION	1,8 - 3,0 kg/h
MINIMUM DRAW	12 Pa
SMOKE MASS FLOW	8,8 g/s
AVERAGE SMOKE TEMPERATURE	318 °C
CONSUMPTION OF AIR FOR COMBUSTION	23,5 m^3/h

MINIMUM SAFETY DISTANCE FROM COMBUSTIBLE MATERIALS

BACK FACE	30 cm with insulated duct: 10 cm
SIDE FACE	15 cm
UPPER FACE	-
INSIDE FACE	-

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

according to:
- OPair (CH)
- BE Phase 3
- BImSchV2 (DE)
- ECODESIGN 2022

CE A