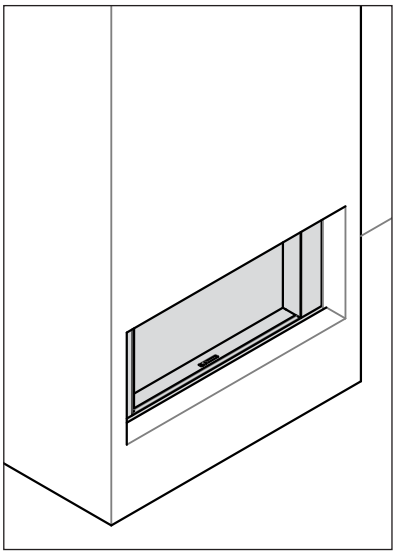
01/2018 **VERSION**

22/110 | The stove

stûv

enjoyment of the fire	the fire is fully and equally visible in open and closed modes
	precision control of combustion, wide range of usage, high efficiency
	extremely air-tight system
architectural integration	making the finish easier, the frames enable masonry to be concealed and the wall to be protected from radiation and dirt
easy to use and maintain	easy to use in open fire mode thanks to air valve and integrated system for managing compensation air
	easy installation: a single core hole for direct air inlet and compensation air
	simple cleaning and maintenance
patents	EP 1445541



TECHNICAL OVERVIEW

GENERAL

TYPE OF STOVE	fitted
MATERIALS	steel + cast iron + refractory bricks
COLOUR	Dark Grey
LOADING	manual
FUEL	wood
LOG POSITION	horizontal
LOG LENGTH	80 cm

WEIGHT / SIZE

WEIGHT	277 kg
Ø OF SMOKE FLUE	200 mm
Ø OF HOT AIR OUTLETS	150 mm
Ø OF OUTSIDE AIR INLET	160 mm

AIR

DIRECT EXTERNAL INLET	✓
PRIMARY AIR CONTROL	✓
SECONDARY AIR CONTROL	✓
POST-COMBUSTION	✓
AIR-TIGHTNESS	+++
OPERATES WITHOUT FAN	✓
OVERHEATING INDICATOR	✓
COMPENSATION AIR	✓

PERFORMANCE

NOMINAL OUTPUT	16.5 kW
RANGE OF USAGE	5-18 kW
EFFICIENCY	80 %
CO EMISSIONS	0.09%
FINE PARTICLE EMISSIONS	26 mg/Nm^3
WOOD CONSUMPTION RANGE	1.6-5.6 kg/h
MINIMUM DRAW	12 Pa
SMOKE MASS FLOW	14.9 g/s
AVERAGE TEMP. OF SMOKE	283°C
CONSUMPTION OF ROOM AIR FOR COMBUSTION	44 m^3/h
ENERGY EFFICIENCY INDEX (EEI)	107
ENERGY EFFICIENCY CLASS	A+

MINIMUM THICKNESS OF INSULATION BETWEEN STOVE AND COMBUSTIBLE MATERIALS

BACK FACE	11 cm
SIDE FACE	14 cm
TOP FACE	13 cm
BOTTOM FACE	5 cm

ACCESSORIES / EQUIPMENT

HEAT ACCUMULATION	✗
CUPBOARDS	✗
BARBECUE	❍
ASH PAN	✗
FAÇADE	❍
OPEN FIRE	❍
GROUND PLATE	✗
READY-TO-FIT	✗
LOG RACK	❍
ROTATING	✗
BASE	✗
FAN	❍
RETRACTABLE GLASS	✓

LEGEND

✓	STANDARD
✗	UNAVAILABLE
❍	OPTIONAL

Conforms with:
- OPair (CH)
- BE Phase 1, 2 & 3
- BImSchV2 (DE)

CE

Flamme VERTE — Le label du chauffage au bois

A+

in accordance with DIN plus