

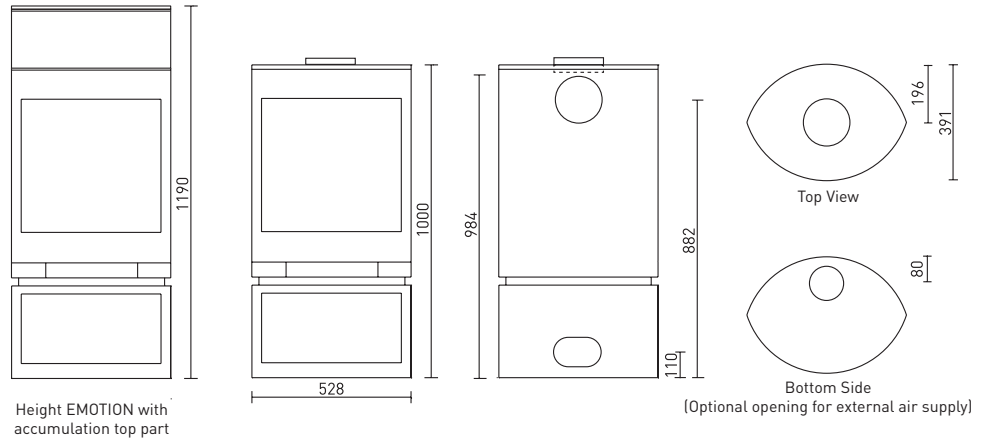
## MODELL EMOTION S RLU

Chimney stove for solid fuels (split logs).

Shared chimney flues admissible. This stove is not a low burning stove.

European Standard EN 13240 | Test Report N°: RRF - 40 12 2932 | Test Centre ID: 1625

DIBt-certification (institute for building technology): Z-43.12-303



### technical data

#### Min. distance from inflammable component parts:

Sides: .....	24 cm
Rear: .....	10 cm
Front (within the radiation area of the front glass, rotatable 120°):.....	80 cm

#### The following values were determined under test conditions:

CO emission in %:.....	0,07
Average feed pressure in Pa:.....	12
Nominal thermal output in kW:.....	4,3
Room heat output in kW:.....	3,0 - 6,5
Energy efficiency in %:.....	82
Dust mg/Nm <sup>3</sup> (13 % O <sub>2</sub> ):.....	< 40
Operation with closed fire box (construction type 1):.....	Ja
Waste gas mass flow rate in g/s: .....	3,8
Average OGC content in mg/Nm <sup>3</sup> :.....	81
Average CO content in mg/Nm <sup>3</sup> : .....	875
Waste gas connection piece temperature in °C:.....	285
Waste gas temperature (ta-tr) in °C:.....	252

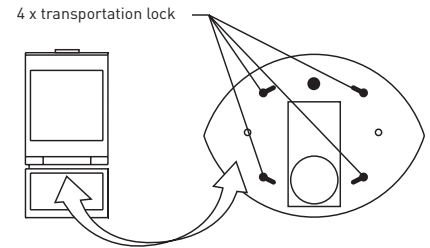
#### Weight and dimensions:

Weight of fireplace in kg, (Steel / incl. heat retention modul):.....	139 / 212
Stove dimensions in mm (height / width / depth):.....	1000 / 528 / 391
Fire box dimensions in mm (height / width / depth):.....	400 / 380 / 280
Fire box opening dimensions in cm <sup>2</sup> : .....	1412
Pipe diameter (waste smoke) in mm:.....	150
Flue connection piece, top and rear (t / r): .....	t / r
Fresh air connection piece diameter in mm:.....	100
Combustion air connection, rear and bottom (r / b): .....	r / b

## Rotating Mechanism

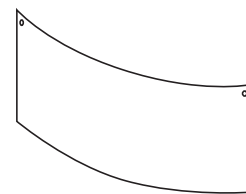
The EMOTION S chimney stove comes with a rotating mechanism as an option enabling the chimney stove to be rotated by 120° if the unit's flue pipe is to be connected at the top. If the unit is to be rotated, first the transportation lock is to be removed. For this purpose, remove the four transportation lock bolts which are screwed into the cover of the wood compartment (M6-allen screw with nuts attached). A hex wrench is enclosed in the service package. Screw the four catch bolts M6 x 12 mm which you find wrapped in the burning chamber into the holes in order to connect wood compartment and burning chamber to each other again. Make sure to unlock the locking device prior to moving the EMOTION S chimney stove into the desired rotating position. To this purpose, pull downward the locking bolt underneath the top plate of the wood compartment in order to unlock said bolt. Keeping the lock bolt in its pulled-out position allows the chimney stove to be turned into the desired position; as soon as the bolt is released it will engage into the next possible position when turned further. There are 5 engagement positions altogether at a distance of 30°.

An additional fixation of the flue pipe to the chimney is essential for a rotatable chimney stove! The fixing material is supplied with corresponding assembly instructions.



## Cover plate

A cover plate is put into the firewood compartment and serves to conceal the fresh air pipe in case of external supply of combustion air.



### Important information:

- \_Installation:** It is imperative that the chimney stove be installed in strict conformity with any prevailing national and European standards as well as any applicable local regulations. Please contact your local chimney sweep prior to installing your chimney stove.
- \_This skantherm fireplace model is suitable for integration into an alcove/cladding provided the safety distances indicated are observed.**
- \_Installation of chimney stove:** Make sure that the floor's carrying capacity is sufficiently high. In case of inadequate carrying capacity, suitable adjusting measures (e.g. plate for load distribution) are to be taken.
- \_Cleaning:** Make sure to clean your chimney stove at regular intervals. Also make sure to clean the connection pieces and flues at least once a year and to apply a heat resistant lubricant on all moving parts such as hinges at least once a year, too. Use a damp cloth and clear water to clean window glasses. Contact your local chimney sweeper for professional cleaning of your chimney at regular intervals.
- \_Ventilation of room and chimney stove:** Please ensure sufficient ventilation of the room. Never close air supply openings or convection shafts of the stove.
- \_The fire chamber door of a stove operating independently of ambient air always has to be kept closed as otherwise, the operation independent of ambient air cannot be guaranteed!**
- \_Combustion air:** In order to ensure a proper operation, sufficient air flow for the combustion has to be guaranteed. This chimney stove is constructed to operate independently of ambient air and can either be connected directly outwards with a combustion air conduit (type: FC<sub>41x</sub>) or to the air channel of an air exhaust chimney- LAS- (type: FC<sub>51x</sub>). The pressure loss of the combustion air conduit may not be higher than 3 Pa. When using a flexible aluminium tube, please ensure that the pipe is protected against mechanical damages. The combustion air should be lockable outwards with an air damper and the position of the air damper should be visible in the installation room. Combustion air conduit as well as the connection piece need to be airtight.
- \_The fireplace is not allowed for waste incineration!**

**For detailed information please consult our General Installation & Operation Manual!**