

JK 06 185 16 05 14 02
13072010a-GB

HAAS+SOHN
HAAS+SOHN Rukov, s.r.o. • www.haassohn-rukov.cz

TECHNICAL DOCUMENTATION

MALVIK

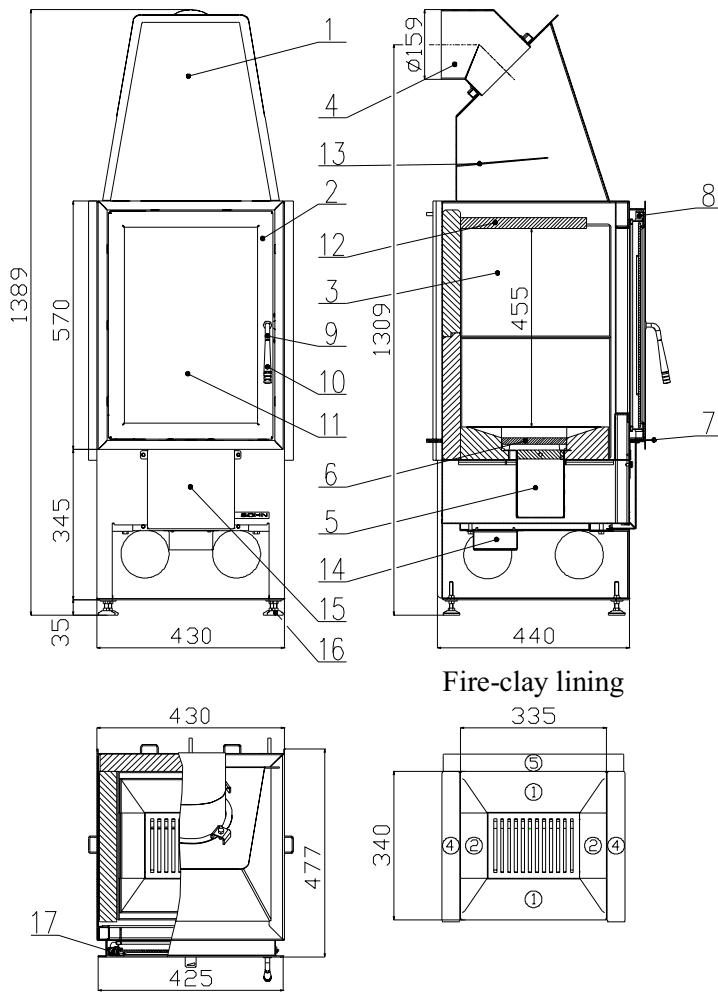
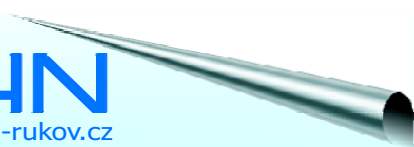


ASSEMBLY RHONE



ASSEMBLY ELSASS





Fire-clay lining

TECHNICAL SHEET
for fireplace insert
Malvik

Suitable fuel:

As concerns suitable fuel to be employed, see the chapter **2.2 Fuel** in the General Manual of Operation.

Proper operation:

As concerns the proper and safe operation with a fireplace insert see the chapters **2. Description of the combustion process** and **5. Operating instructions** in the General Manual of Operation.

Fire-clay No	Dimension	Fire-clay No	Dimension
5	415x290x40		
4	345x280x40		
2	150x75x62		
1	335x110x75		

TECHNICAL DESCRIPTION:

Position	Name	Goods No.	Position	Name	Goods No.
1	Insert body	-			
2	Fire-box door	0618516025300			
3	Fire-clay lining	-			
4	Smoke flue neck (adjustable)	0618418006005			
5	Ash pan	0618516005600			
6	Cast-iron grate	0020100080006			
7	Controller of primary air	-			
8	Intake of secondary air	-			
9	Crank	0081220020005			
10	Handle	0081220040005			
11	Refractory glass	0618516025301			
12	Lower lip - loose (vermiculite)	0050500030005			
13	Upper lip - fixed	-			
14	External intake of air (dia. 100)	0088500050008			
15	Additional air suction	0618516035001			
16	Adjustable foot	0089000020005			
17	Spring of door shutting	0088400060005			
	Sealing cord of the door 10x4 mm	0040210040005			
	Sealing cord of the glass 8 mm	0040008080005			

Special warning!

In order to ensure the correct functioning of the fireplace insert it is necessary to secure the sufficient supply of air for combustion in the amount of almost 15m³/hour. The best way to do it is to connect the branch of the external air supply (pos. 14) from the outdoor space.

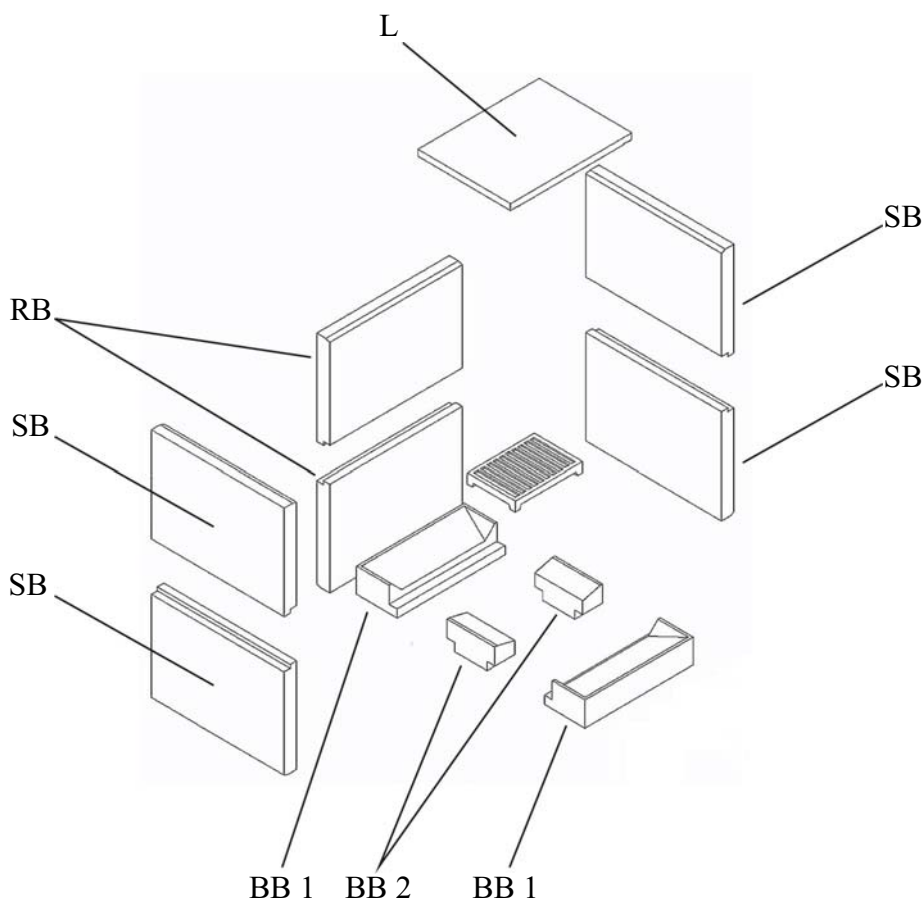
TECHNICAL INFORMATION

INSTRUCTIONS FOR THE CONTROL OF COMBUSTION PROCESS:

Fuel	Output of the heating device					
	100%	33%	100%	33%	100%	33%
	Amount of fuel		Primary air		Secondary air	
Blockwood	1,8 kg/h	0,6 kg/h	closed	closed	open 100 %	open 100 %
Ecological briquettes	1,6 kg/h	0,5 kg/h	open 10 %	open 10 %	open 100 %	open 100 %

TECHNICAL DATA:	blockwood	Ecological briquettes		
Achieved heat output (100%)	7,4 kW	8,3 kW	Height	1389 mm
Nominal heat output	7 kW	8 kW	Width	430 mm
Reduced heat output (33%)	2,4 kW	2,7 kW	Depth	440 mm
Maximum stoking amount of the fuel	1,8 kg/hod	1,6 kg/hod	Diameter of the smoke flue	160 mm
Average temperature of combustion products behind the smoke flue neck	215 °C	252 °C	Weight	115 kg
Maximum mass flow of dry combustion products	7 g/s	7 g/s	Min. chimney stack draught in the smoke flue neck	12 Pa
Energy efficiency	82,3 %	78,5 %	Heating capacity (middle heat losses) at 8,3 kW	cca. 149 m ³
Average concentration of CO ₂	10,2	9,5	Range of outputs	2,4 – 8,3 kW
Concentration of CO in combustion products at 13% O ₂	0,1	0,09		
Tested in compliance with ČSN EN 13229:2002			CE	

INSTALLATION OF HEARTH LINING



Composition of fireclay bricks			
Fireclay No.	Type	Number	Goods No.
1	BB 1 (Bottom brick 1)	2	0050110510005
2	BB 2 (Bottom brick 2)	2	0050110020005
4	SB (Side brick)	4	0050110040005
5	RB (Rear brick)	2	0050110030005
-	L (Lip)	1	0050500030005