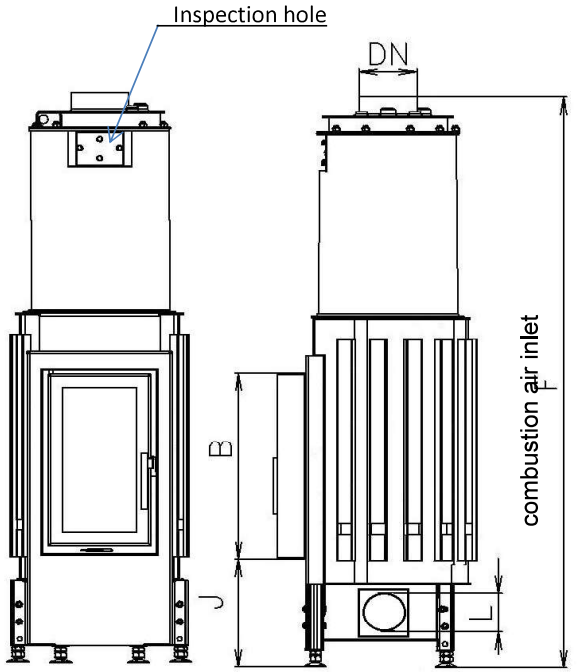
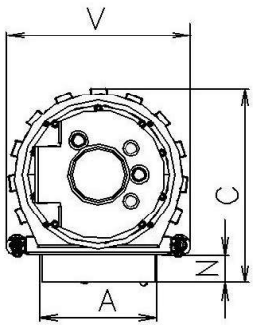
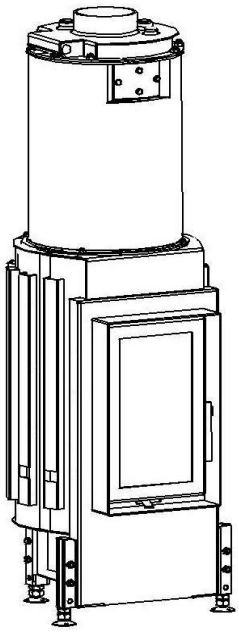
ROTO 450 – 530/325 (580/375) TV (warm water heat exchanger)

Range 450



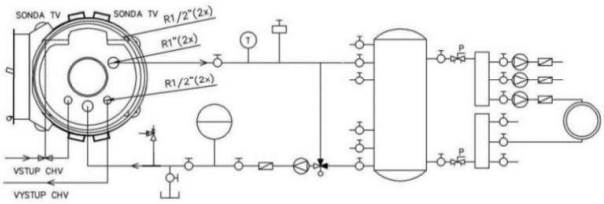




	Sizes		ROTO 450 530/325 TV	ROTO 450 580/375 TV
1	A	mm	325	375
2	F	mm	1610	
3	C	mm	540	
4	DN	Ø mm	150	
5	B	mm	530	580
6	V	mm	515	565
7	J	mm	325 + /160/	
8	L	Ø mm	100	
9	N	mm	80	

Basic design:

External air inlet
Vertical Fireclay VS
Glass Classic
Inox control grip-handle RP2
Enviromentally friendly varnish
Inspection hole front



	Technical parameters			
1	Nominal heat output		kW	11,4
2	Nominal heat output do vody		kW	4,5
3	Water volume in heat exchanger		l	11,0
4	Pressure required		Pa	12
5	Maximum operating pressure		bar	2,5
6	Average efficiency		%	90
7	Average flue gas temperature		°C	153
8	Wood consuption		kg/h	3
9	Consumption of combustion air		m3/h	36
10	Emission of CO to 13% O2		%	0,1
11	Flue gas mass flow		g/s	7,9
12	Weight		kg	260
13	Required min. cross section for circulating air - INPUT		cm^2	375
14	Required min. cross section for circulating air - OUTPUT		cm^2	600
15	Three-component insulated chimney - active height 5 m		Ø cm	160
16	Character of building const-ruction with fireplace insert	warm air convection		Yes
		heat storage without conv		No

Optional accessories:

Cover frame (KR)
Glass Reflex (SR)
Black printed glass(SM)
External ashtray (VOP)
Inspection hole side, rear

Test Method: ČSN EN 1322/A2:2007, FprEN16510-1, FprEN16510-2-2

Fireplace complies with the requirements: EN 13229, DIN +, BImSchV-Stufe 2,Commission Regulation (EU) č. 2015/1185Ecodesign requirements

KOBOK reserves the right to change dimensions and parameters described in these sheets. The current edition can be downloaded from www.KOBOK.sk