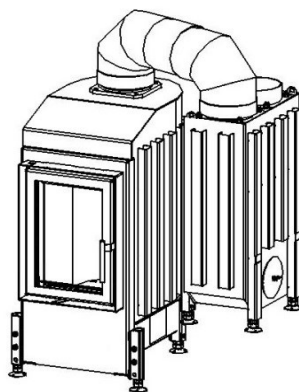


Sizes		KPL 450 580/430	
1	A	mm	430
2	F	mm	1105
3	C	mm	770
4	DN	Ø mm	200
5	B	mm	580
6	J	mm	325 + /160/
7	V	mm	620
8	L	Ø mm	125
9	N	mm	80


Basic design:

Thermodynamic Hearth
 Refractory cement
 Glass Classic
 Inox control grip-handle RP2
 Environmentally friendly varnish

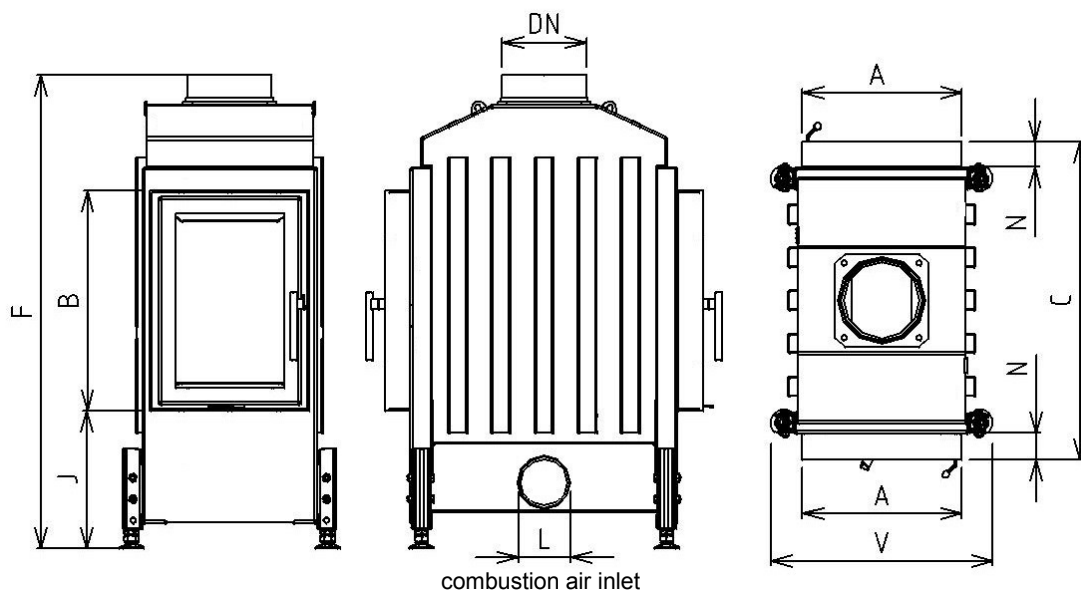
Technical parameters			
1	Nominal heat output	kW	11
2	Nominal heat output do vody		
3	Pressure required	Pa	12
4	Average efficiency	%	89,8
5	Average flue gas temperature	°C	355
6	Wood consuption	kg/h	4,0
7	Consumption of combustion air	m ³ /h	33
8	Emission of CO to 13% O ₂	%	0,1
9	Flue gas mass flow	g/s	13,5
10	Weight	kg	230
11	Required min. cross section for circulating air - INPUT	cm ²	350
12	Required min. cross section for circulating air - OUTPUT	cm ²	550
13	Three-component insulated chimney - active height 5 m	Ø cm	180
14	Character of building construction with fireplace insert	warm air convection	Yes
		heat storage without conv	Yes

Optional accessories:

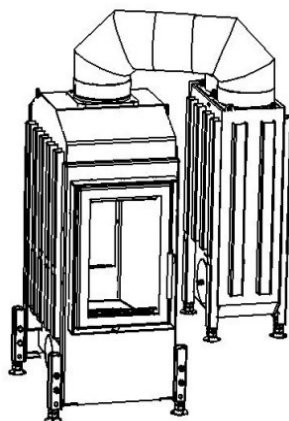
Cover frame (KR)
 Glass Reflex (SR)
 External ashtray (VOP)
 Rear feeding door (DPS, DPSO)
 Heat accumulation quadrant (APO)

The technical parameters apply to the VERTIKAL 1000, they may be different for other heat exchangers:

15	Nominal heat output	kW	15
16	Average temperature behind the heat exchanger	°C	152
17	Required min. cross section for circulating air - INPUT	cm ²	450
18	Required min. cross section for circulating air - OUTPUT	cm ²	750
19	Three-component insulated chimney - active height 6 m	Ø cm	180



Sizes		KPL 450 580/430 PD	
1	A	mm	430
2	F	mm	1105
3	C	mm	840
4	DN	Ø mm	200
5	B	mm	580
6	J	mm	325 + /160/
7	V	Ø mm	620
8	L	Ø mm	125
9	N	mm	80


Basic design:

Thermodynamic Hearth
 Refractory cement
 Glass Classic
 Inox control grip-handle RP2
 Environmentally friendly varnish

Technical parameters			
1	Nominal heat output	kW	11
2	Pressure required	Pa	12
3	Average efficiency	%	89,8
4	Average flue gas temperature	°C	355
5	Wood consumption	kg/h	4
6	Consumption of combustion air	m ³ /h	33
7	Emission of CO to 13% O ₂	%	0,06
8	Flue gas mass flow	g/s	13,5
9	Weight	kg	250
10	Required min. cross section for circulating air - INPUT	cm ²	350
11	Required min. cross section for circulating air - OUTPUT	cm ²	550
12	Three-component insulated chimney - active height 5 m	Ø cm	180
13	Character of building construction with fireplace insert	warm air convection	Yes
		heat storage without conv	Yes

Optional accessories:

Cover frame (KR)
 Glass Reflex (SR)
 External ashtray (VOP)
 Heat accumulation quadrant (APO)

The technical parameters apply to the VERTIKAL 1000, they may be different for other heat exchangers:

14	Nominal heat output	kW	15
15	Average temperature behind the heat exchanger	°C	152
16	Required min. cross section for circulating air - INPUT	cm ²	450
17	Required min. cross section for circulating air - OUTPUT	cm ²	750
18	Three-component insulated chimney - active height 7 m	Ø cm	180

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

Fireplace complies with the requirements: EN 13229, DIN +, BlmSchV-Stufe 2, 15a B-VG, Commission Regulation (EU) č. 2015/1185 Ecodesign requirements

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