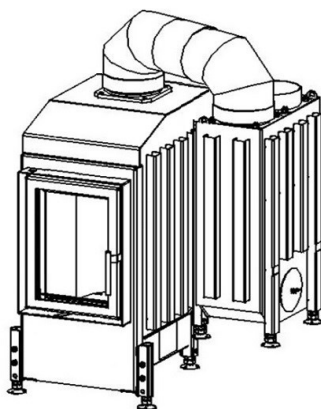


Sizes			KPL 350 480/325
1	A	mm	325
2	F	mm	1000
3	C	mm	630
4	DN	Ø mm	180
5	B	mm	480
6	J	mm	325 + /160/
7	V	mm	515
8	L	Ø mm	125
9	N	mm	80


Basic design:

Thermodynamic Hearth
 Segment chamotte lining
 Glass Classic
 Inox control grip-handle RP2
 Environmentally friendly varnish

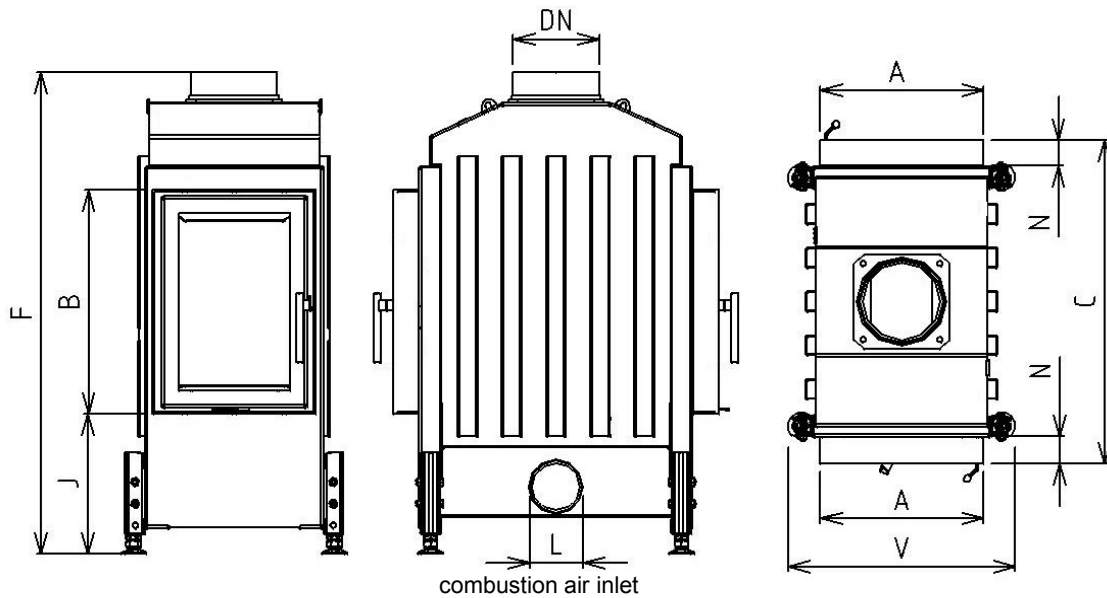
Technical parameters			
1	Nominal heat output	kW	9
2	Nominal heat output do vody		
3	Pressure required	Pa	12
4	Average efficiency	%	91,1
5	Average flue gas temperature	°C	322
6	Wood consuption	kg/h	3,0
7	Consumption of combustion air	m ³ /h	27
8	Emission of CO to 13% O ₂	%	0,1
9	Flue gas mass flow	g/s	8,4
10	Weight	kg	175
11	Required min. cross section for circulating air - INPUT	cm ²	275
12	Required min. cross section for circulating air - OUTPUT	cm ²	450
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:

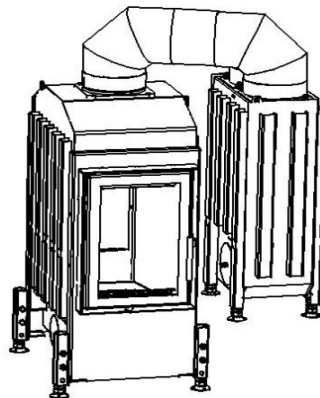
Cover frame (KR)
 Glass Reflex (SR)
 External ashtray (VOP)
 Rear feeding door (DPS, DPSO)
 Heat accumulation quadrant (APO)

The technical parameters apply to the VERTIKAL 500, they may be different for other heat exchangers:

15	Nominal heat output	kW	11,5
16	Average temperature behind the heat exchanger	°C	137
17	Required min. cross section for circulating air - INPUT	cm ²	350
18	Required min. cross section for circulating air - OUTPUT	cm ²	575
19	Three-component insulated chimney - active height 7 m	Ø cm	180



Sizes			KPL 350 480/325 PD
1	A	mm	325
2	F	mm	1000
3	C	mm	710
4	DN	Ø mm	180
5	B	mm	480
6	J	mm	325 + /160/
7	V	mm	515
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	9
2	Pressure required	Pa	12
3	Average efficiency	%	91,1
4	Average flue gas temperature	°C	322
5	Wood consumption	kg/h	3
6	Consumption of combustion air	m ³ /h	27
7	Emission of CO to 13% O ₂	%	0,06
8	Flue gas mass flow	g/s	8,4
9	Weight	kg	175
10	Required min. cross section for circulating air - INPUT	cm ²	275
11	Required min. cross section for circulating air - OUTPUT	cm ²	450
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 500, they may be different for other heat exchangers:

14	Nominal heat output	kW	11,5
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16	Required min. cross section for circulating air - INPUT	cm ²	350
17	Required min. cross section for circulating air - OUTPUT	cm ²	575
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/EC design requirements

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