

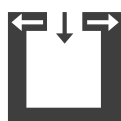
Data sheet

FOX III RIKAir



Technical data		
Nominal heat output	[kW]	8
Partial heat output	[kW]	4
Fresh air demand	[m³/h]	21
Room heating capacity (depending on house insulation)	[m²]	90-210
Fuel consumption	[kg/h]	1,1-2,2
Electric supply	[V]/[Hz]	230/50
Average electrical input	[W]	n.s.
Fuse	[A]	n.s.
Efficiency	[%]	≥ 80
Energy efficiency class		A+
Energy efficiency index		n.s.
Chimney draft requirement	[Pa]	12

Characteristics



Balanced flue



RLS system

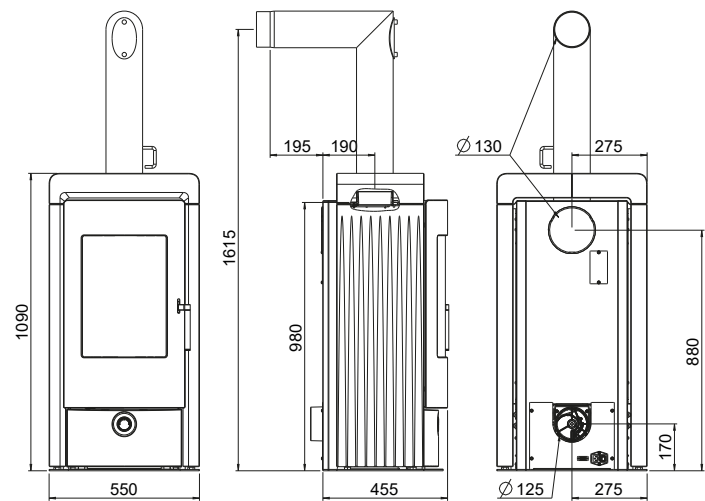


Energy
efficiency



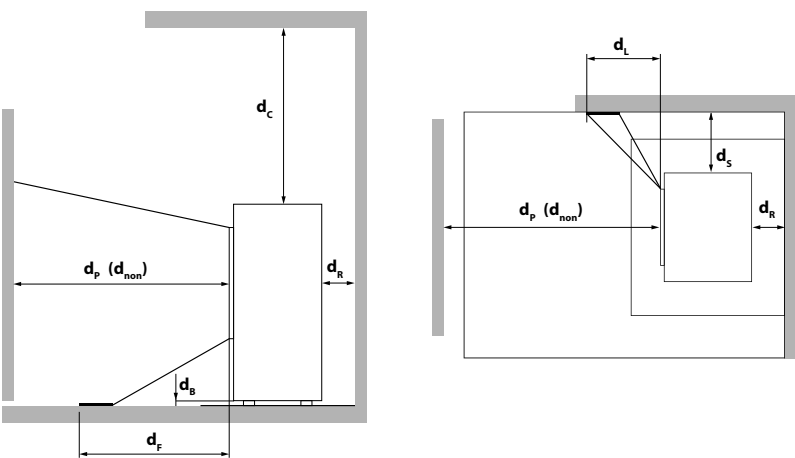
RIKAair

Dimensions, weight and connection



Dimensions			
<i>H</i>	Height	[mm]	1090
<i>L</i>	Length / depth	[mm]	455
<i>W</i>	Width	[mm]	550
	Firing chamber [WxHxD]	[mm]	340x390x330
Weight			
<i>m</i>	Mass of fireplace with soapstone	[kg]	~ 245
<i>m_{chim}</i>	Maximum load through the chimney	[kg]	n.s.
Flue pipe connection			
<i>d_{out}</i>	Diametre of the flue gas connection	[mm]	130
	Original angle pipe connection height	[mm]	1615
	Original angle pipe total depth	[mm]	650
	Original angle pipe distance to rear wall	[mm]	195
	Depth from rear wall to middle of flue pipe	[mm]	190
	Original angle pipe side distance	[mm]	275
	Rear connection height	[mm]	880
	Rear connection side distance	[mm]	275
Fresh air connection			
	Diameter	[mm]	125
	Connection height	[mm]	170
	Side distance	[mm]	275

Minimum distances to combustibile materials



<i>d_R</i>	[mm]	100
<i>d_S</i>	[mm]	100
<i>d_C</i>	[mm]	750
<i>d_P</i>	[mm]	800
<i>d_F</i>	[mm]	200
<i>d_L</i>	[mm]	200
<i>d_B</i>	[mm]	0
<i>d_{non}</i>	[mm]	400 ¹

¹ to non-combustibile materials