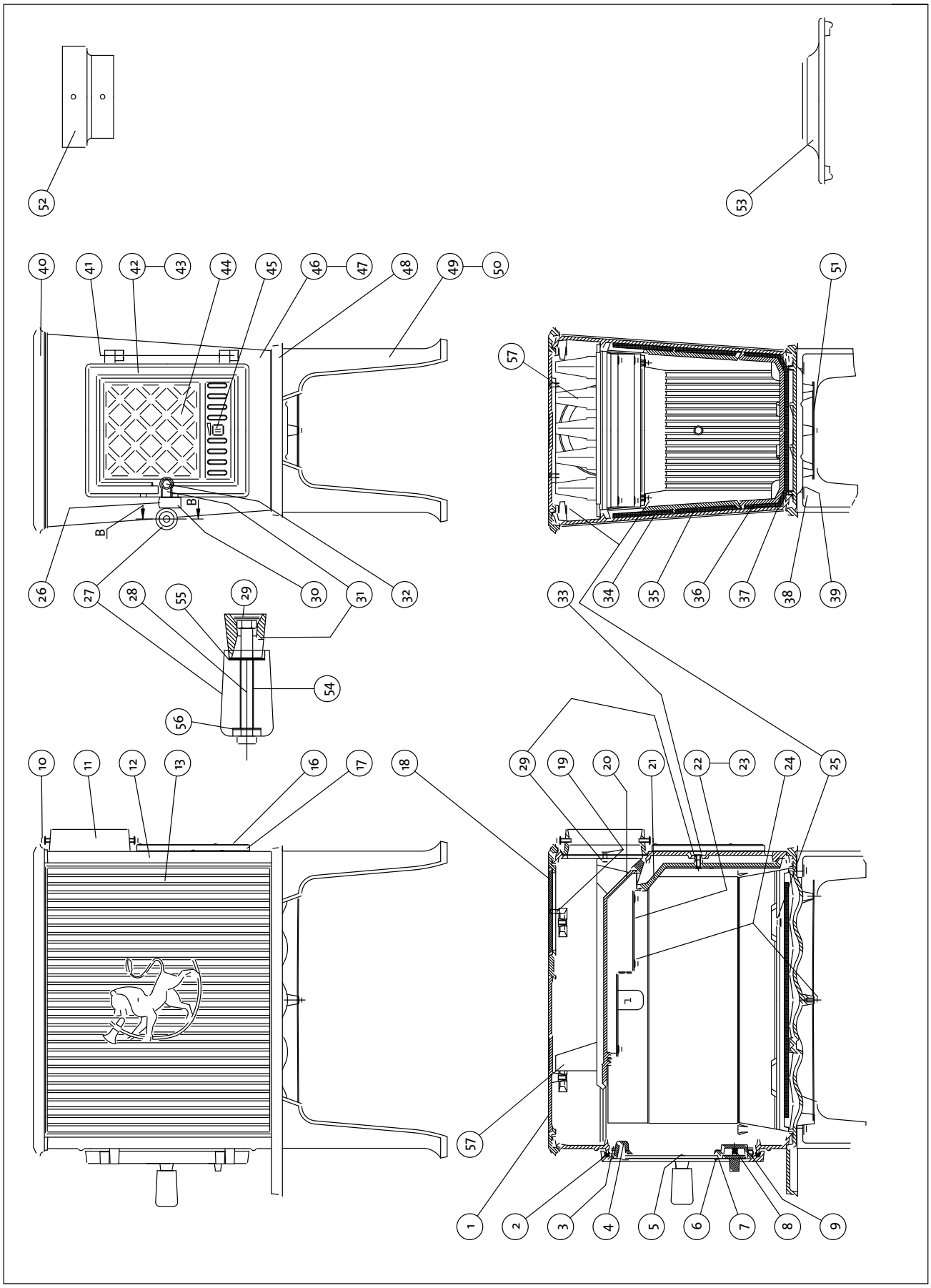
Fig.21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8.0 Illustrated Partlist

Pos	*Description*	*Dim./Spec.*
1	Hot plate	240 mm
2	Gasket	LD 360 Ø8.7x850
3	Screw, panhead	M6x12 DIN 7985
4	Air deflector	
5	Nut	M8
6	Gasket	LD 187-1 Ø4.8x600
7	Gasket	V-125 8x150
8	Spring for glass-door	Ø7.6x13
9	Door vent baffle	
10	Screw, self thread	M6 x 16
11	Flue outlet	
12	Back plate	
13	Side panel	
14	Rivet	Ø3x12
15	Rivet	Ø2,4x4
16	Label	
17	Label shield	
18	Cover for smoke outlet	
19	Countersunk screw	M6x16
20	Baffle plate	
21	Air manifold	
22	Air chamber, complete	
23	Air chamber	
24	Screw, collar head	M6x10
25	Screw, collar head	M6x25
26	Rivet	Ø8x16 mm
27	Knob, wood	
28	Screw, filister head	M6x70
29	Nut w/ collar	M6
30	Door catch	
31	Door handle	
32	Screw, flat head, socket	M8x25
33	screw, collar head	M 6x35
34	Insulating blanket	360x185
35	Burnplate, side, with insulation	
36	Burnplate, bottom	
37	Insulating blanket	360x330
38	Screw, hex	M6x25
39	Washer	Ø18x06,4x1.6
40	Top plate	
41	Pin, door	
42	Glass door, complete incl. handle	
44	Glass, ceramic	4x147x154
45	Air slide vent	
46	Front plate, complete	
47	Front plate	
48	Base plate	
49	Legs, package of four	
50	Leg, 1 pcs	
51	Heatshield - bottom	
52	Increaser	Ø 126xØ154 mm
53	Decorative top	
54	Casing	
55	Washer	
56	Washer, black crom.	
57	Flame Turbulator	

9.0 Appendix A

Alternate floor protection

All floor protection materials must be non-combustible ie. Metal, brick, stone, mineral fiber boards). Any combustible material may not be used.

The easiest means of determining if a proposed alternate floor material meets requirements listed in this manual is to follow this procedure.

R-value = thermal resistance
K-value = thermal conductivity
C-value = thermal conductance

1. Convert the specification to r-value;
   a. If r-value is given, no conversion is needed.
   b. If k-value is given with a required thickness (t) in inches: R=1/k X T.
   c. If c-value is given: R=1/C.
2. Determine the r-value of the proposed alternate floor protector.
   a. Use the formula in step 1 to convert values not expressed as "R".
   b. For multiple layers, add r-values of each layer to determine overall r-value.
3. If the overall R-value of the sustem is greater than the R-value of the specified floor protector, the alternate is acceptable.

Example:
The specified floor protector should be 3/4" thick material with a k-factor of 0.84. The proposed alternate is 4" brick with a c-factor of 1.25 over 1/8" mineral board witha k-factor of 0.29.

Step A. Use formula above to convert specifications to R-value. R=1/k x t= 1/.84 x .75 = .893

Step B. Calculate r of proposed system.
4" brick of c-1.25, therefore
R brick = 1/c = 1/1.25 = 0.80
1/8" mineral board of K = 0.29 therefore
R mineral board = 1/.29 x 0.125 = 0.431
Total R = R brick + R mineral board= 0.8 + 0.431=1.231

Step C. Compare proposed system R = 1.231 to specified R of 0.893. Since R is greater than required, the system is acceptable.

Definitions:

Thermal conductance =

$$C = \frac{btu}{(Hr)(ft2)(f)} = \frac{W}{(m2)(k)}$$

Thermal conductivity =

$$K = \frac{btu}{(Hr)(ft2)(f)} = \frac{W}{(m2)(k)} = \frac{(btu)}{(hr)(ft)(f)}$$

Thermal resistance =

$$R = \frac{btu}{(Hr)(ft2)(f)} = \frac{(m2)(k)}{W} = \frac{(btu)(inch)}{(hr)(ft2)(f)}$$