



82 Res. deler kompl.  
Spare parts compl. 53

DEL-LISTE/PARTLIST Jøtul F500  
Jøtul AS  
Fredrikstad, Norway

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Drawing no. 3-2713-P06

Pos. No.	Description
1	Leg
2	Latch (Side Door)
3	Ash House Complete
4	Ash Door
5	Smoke Outlet
6	Fire Grate
7	Air Valve
8	Bottom
9	Inner Bottom
10	Rear Plate
11	Tube Frame Holder
12	Air Manifold
13	Front
14	Inner Front
15	Side Right
16	Side Left
17	Front Door
18	Ash Lip
19	Top
20	Tube Holder Upper Right
21	Tube Holder Upper Left
22	Tube Holder Bottom Right
23	Tube Holder Bottom Left
24	Inspection Cover
25	Side Door
26	Burnplate Side/Door
27	Baffle Plate
28	Top Cover
29	Nut
30	Screw Hexagon Stainless
31	Screw Hexagon
32	Screw Collar Hexagon
33	Screw Hexagon
34	Screw Hexagon Stainless
35	Screw Panh.
36	Washer Blackchromating
37	Washer ELZN
38	Screw Cylinder Head
39	Screw Cylinder Head
40	Spring Pin
41	Screw Panh.
42	Screw Hexagon Stainless
43	Screw Allen
44	Screw Collar Hexagon
45	Washer
46	Washer Insul.
47	Gasket (Side Door)
48	Latch Ash Door
49	Gasket (Front Door)
50	Spring
51	Latch Bolt Side Door
52	Sleeve
53	Wooden Knob + Small Parts
54	Hinge Pin Front/Side Door
56	Wooden Knob Ash Door
57	Ash Pan
58	Handler for Air Vent
59	Nut M10
60	Handle Ash Door Complete
61	Clip
62	Hinge Pin, Ash Door
63	Gasket (Ash Door)
64	Gasket (Ash House)
65	Gasket (Top)
66	Insulation Blanket
67	Gasket (Smoke Outlet)
68	Glass
69	Catch
70	Refractory Brick
71	Insulation Blanket Top
72	Tube Rear
73	Tube, Middle and Front
75	Heat Shield Bottom
77	Heat Shield Rear + Top Exit
78	Latch Bolt Front Door
79	Glass Clip
80	Gasket (Door Glass)
81	Gasket (Top Cover)
82	Latch (Front Door)
83	Washer
84	Air Chamber Complete
85	Adapter Outside Air
86	Side Ash Lip

Only use replacements parts provided through your Authorized Jøtul dealer.

## 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:  
 $R=1/k \times T$ .
  - 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 system 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 with a k-factor of 0.29.

**Step A.** Use formula above to convert specifications to R-value.  $R=1/k \times T = 1/.84 \times .75 = .893$

**Step B.** Calculate R of proposed system.  
 4" brick of C-1.25, therefore  
 $R \text{ brick} = 1/C = 1/1.25 = 0.80$ .  
 1/8" mineral board of k = 0.29 therefore  
 $R \text{ mineral board} = 1/.29 \times 0.125 = 0.431$

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 =  

$$C = \frac{\text{Btu}}{(\text{hr})(\text{ft}^2)(\text{F})} = \frac{W}{(\text{m}^2)(\text{K})}$$

Thermal conductivity =  

$$k = \frac{\text{Btu}}{(\text{hr})(\text{ft}^2)(\text{F})} = \frac{W}{(\text{m}^2)(\text{K})} = \frac{(\text{Btu})}{(\text{hr})(\text{ft})(\text{F})}$$

Thermal resistance =  

$$R = \frac{\text{Btu}}{(\text{hr})(\text{ft}^2)(\text{F})} = \frac{(\text{m}^2)(\text{K})}{W} = \frac{(\text{Btu})(\text{inch})}{(\text{hr})(\text{ft}^2)(\text{F})}$$

**Alcoves require use of a bottom heat shield and hearth protection having a minimum R-value of 1.6.**