

No. 118

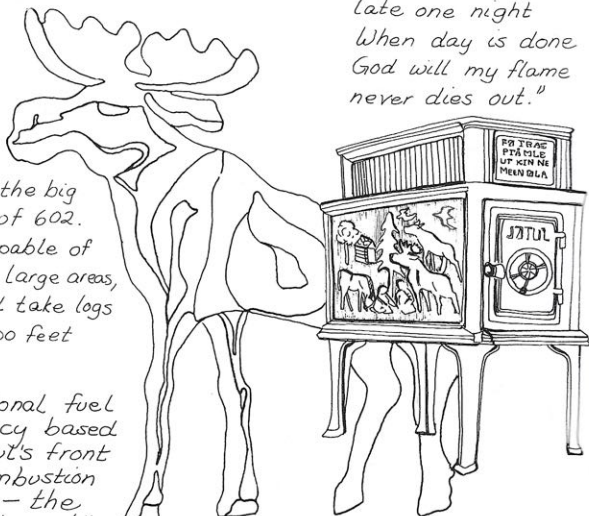
"I built me a flame  
late one night  
When day is done  
God will my flame  
never dies out."

- This is the big brother of 602. It is capable of heating large areas, and will take logs up to two feet long.

- Exceptional fuel efficiency based on Jøtul's front end combustion system—the wood burns like a cigar!

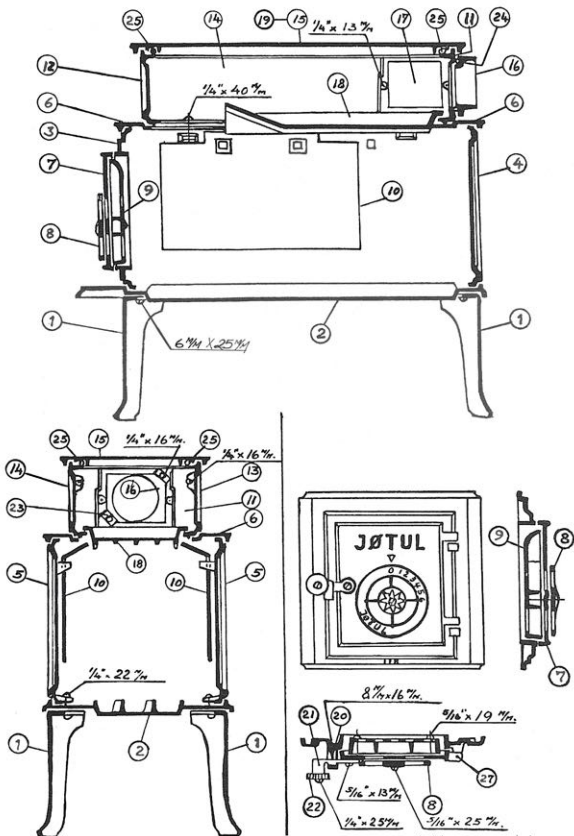
- On our farm we have had great success smoke cooking meats and fish in the top firebox of this model. Depending on size of item being cooked and intensity of the fire, cooking time is three to seven hours.

- This stove was designed by Blakstad-Munthe-Kaas in 1940; the ornamental bas-relief by artist Ørnulf Bast.





No. 118 Parts\*



\*each number refers to a part available by special order.



## No. 602

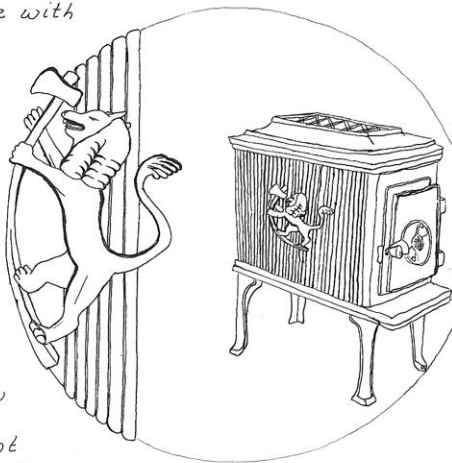
- This little stove is only eighteen inches long yet will heat a medium sized room.

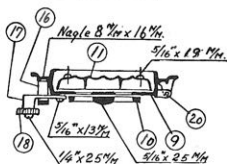
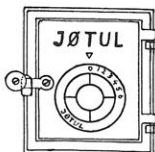
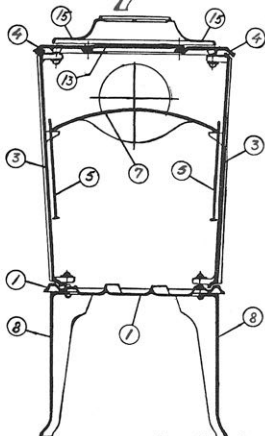
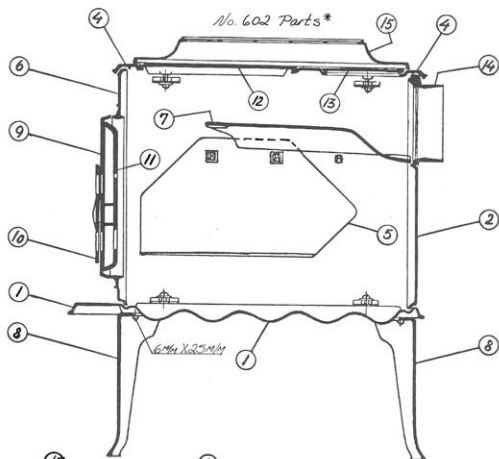
- Traditional Norwegian design. Available with a decorative top.

- A more even heat is radiated because of the heavy enameled cast iron construction and interior cast iron baffle plates.

- Like the other Jotul wood stoves, No. 602 has an extremely efficient front end combustion system which allows wood to burn slowly for long periods, without reloading.

- This stove was designed by architect/designer Blakstad-Munthe-Kaas in 1940, the bas-relief by artist Ørnulf Bast.



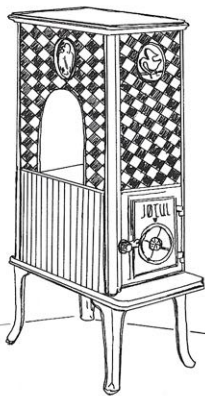


\* each number refers to a part available by special order.



## Jøtul No. 606

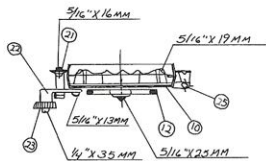
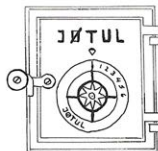
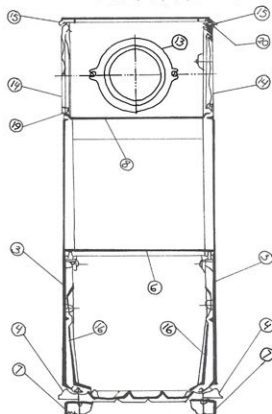
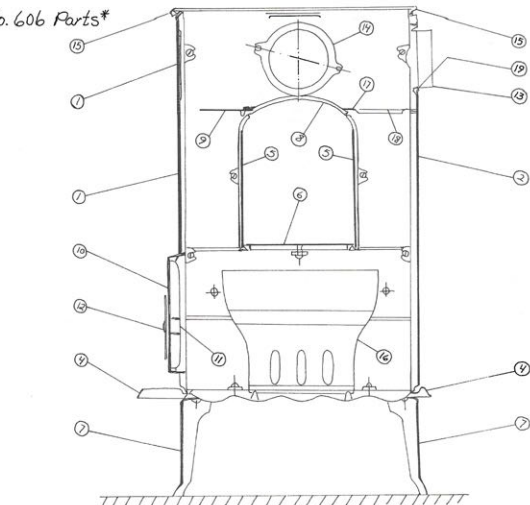
- A small box stove with a large heating chamber. The firebox is the same size as the 602 and functions the same. The arch design is very traditional and provides for a larger surface of heat radiation.
- The heated air rising from the firebox rests in the heating chamber rather than rising up the chimney.
- An all-time favorite back in production due to great demand for small high efficient wood burners.
- Can be hooked up from the back or the side.
- It comes in black senotherm finish.



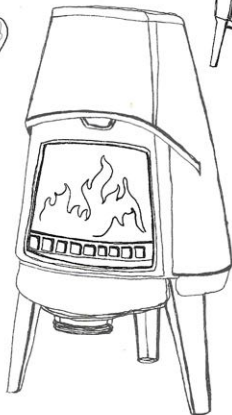
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- This stove was designed by architect/designer Blakstad-Munthe-Kaas in 1942 and the ornamental bas-relief by the artist Ørnulf Bast.

No. 606 Parts\*



\* each number refers to a part available by special order.

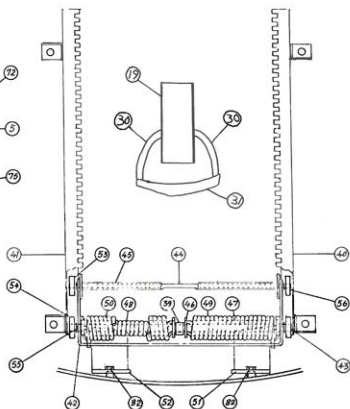
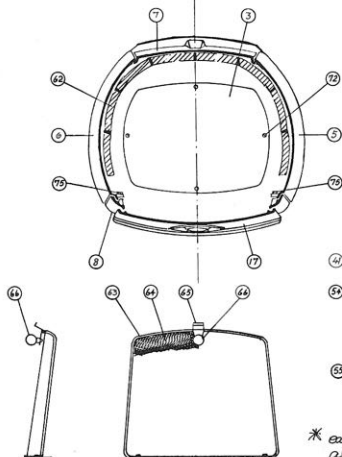
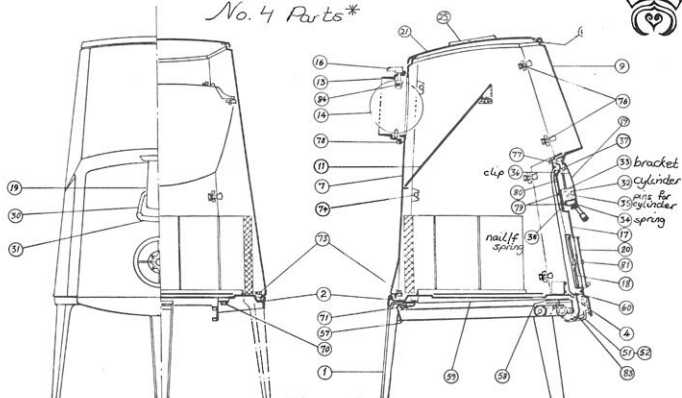


### *The Jøtul Combi-fire No. 4*

- Fireplace and practical wood stove in one! As a fireplace — real open fire atmosphere. As a wood stove — efficient and economical heating.
- The fireplace converts to a wood stove with an easy pull. The balanced door is hidden on iron rails under the fireplace.
- Interior of firebox is lined with fluted fire-proof brick. The stove can be supplied in either a dark green or matte black exterior finish.
- Fuel economy is provided by an air tight firebox, tight door enclosure, and adjustable draft vent on the door.
- Connection to chimney in back. A special top plate stove pipe connection can be ordered separately. Fire screen is included in price.
- Front combustion heating can be achieved, as in the boxstoves, when using 14 inches logs stacked from front to back.
- This combi-fire was designed by Jøtul's technical Laboratory in 1964.



# No. 4 Parts\*



\* each number refers to a part available by special order.

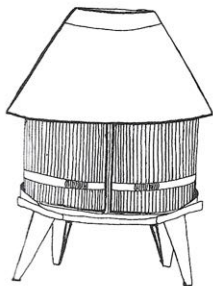




## The Løtul No. 6



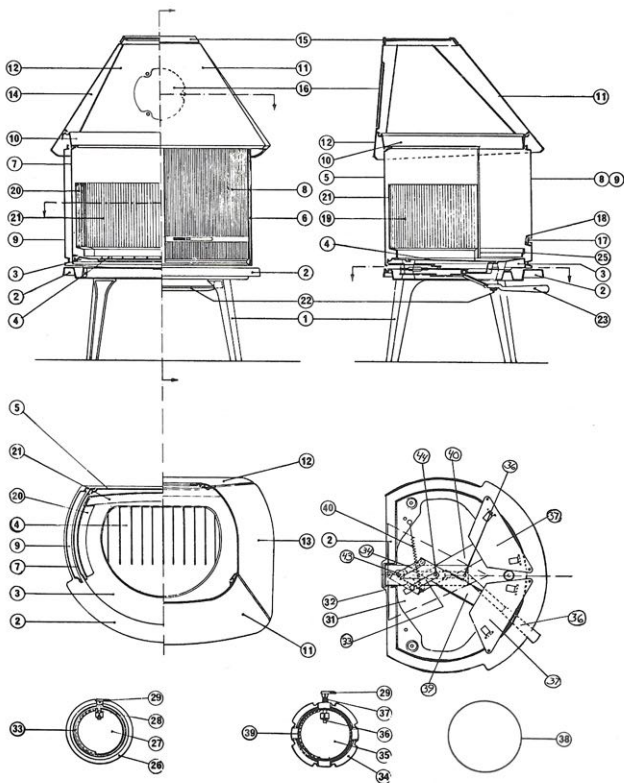
- Contemporary free-standing fireplace. Can be used with a prefabricated, non-masonry chimney mounted on top — or with an ordinary stove pipe from behind the fireplace for attachment to an existing chimney.



- Tests by Løtul's technical department conclude that a baffle would not be beneficial in this model.
- Doors open — a cozy fire. With a single pull sliding doors closed to make a secure and good wood stove.
- Matte black stenotherm finish and a built-in fire screen.
- This combi-fire was designed by Løtul's Laboratory in 1971.



No. 6 Parts\*



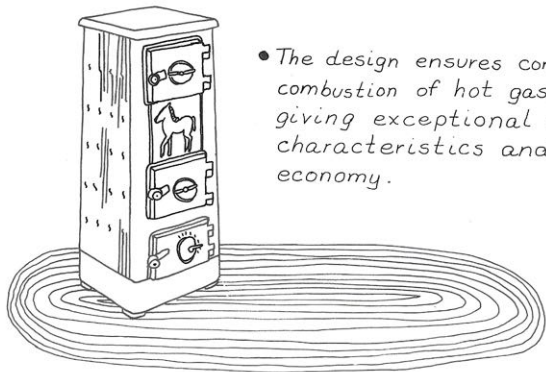
\* each number refers to a part available by special order.



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## Jøtul Coke Stove No.507

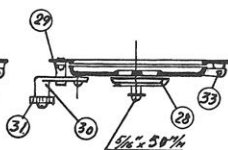
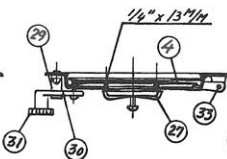
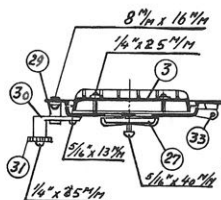
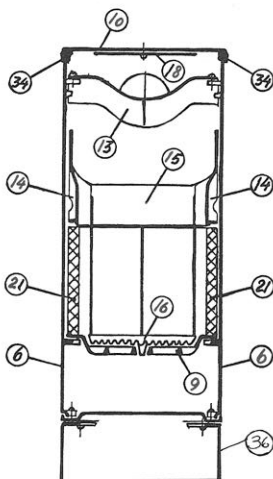
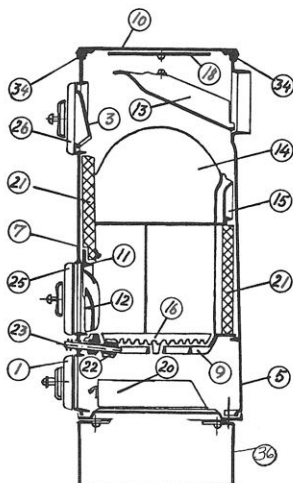
- This stove is specially intended for firing with coke or coal, but also burns wood or peat.



- The design ensures complete combustion of hot gases, giving exceptional heating characteristics and fuel economy.

- The stove is also especially designed to allow for reliable round-the-clock heating.
- Easy to keep clean, heavy cast iron construction with a dark green Jøtul enamel finish - no stove blacking required.
- The bas-relief of the pony on this stove was inspired from one of artist Ørnulf Bast's most famous statues.

No. 507 Parts\*



\*each number refers to a part available by special order.



## Open Fireplace No. 3

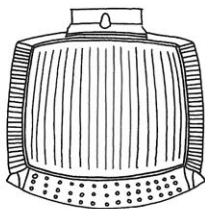
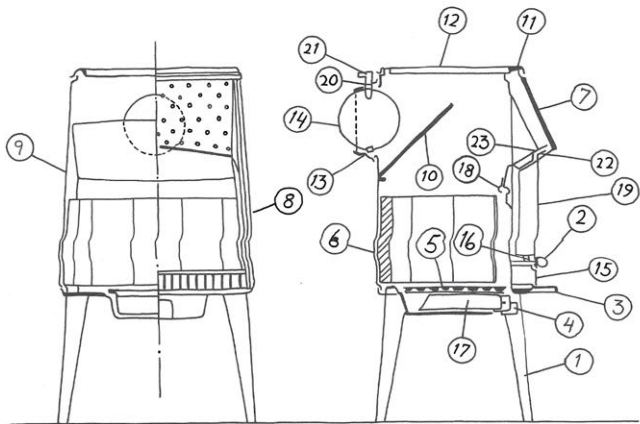
- A quality Norwegian-made, free-standing fireplace at a reasonable price.
- Solid enameled cast iron in either sand-grey or green. Also available without enamel finish in black cast iron. The firebox is lined with fluted fire-proof brick.
- Built-in damper in the flue to regulate the draft.
- Built-in fire screen is balanced so that it remains open while you add more wood.
- A grate allows ashes to fall into an easy to empty ash pan below.
- This fireplace was designed by Jøtul's laboratory in 1960.



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No.3 Parts\*

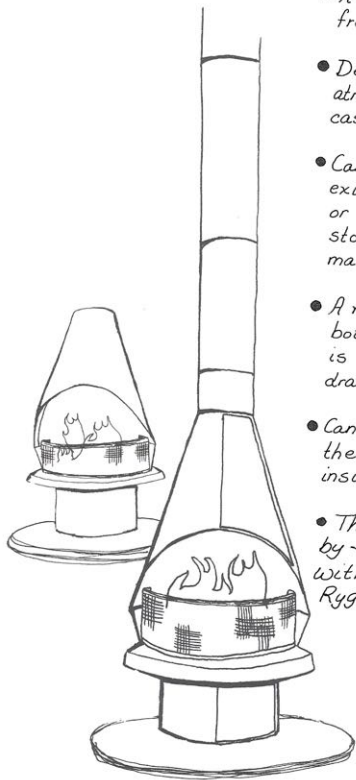


\* each number refers to a part available by special order.



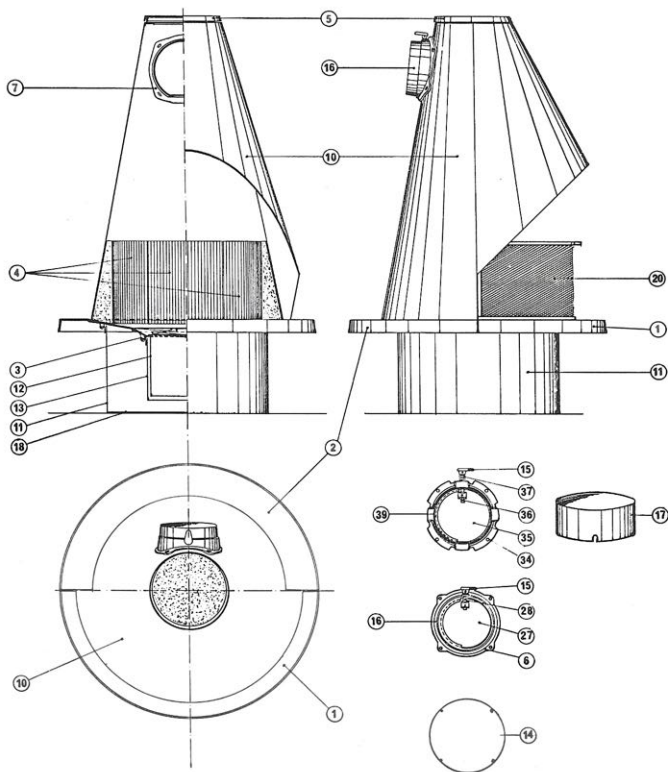
## The Jøtul No. 7

- A new design—a bell shaped free standing fireplace.
- Designed most importantly for atmosphere. Fireplace bottom is cast iron, top is steel plate.
- Can be attached to an already existing chimney from behind or on top to an insulated storepipe chimney so that no masonry work is required.
- A removable rack on the bottom. Underneath the rack is an easy-to-empty ash drawer with a handle.
- Can be placed directly on the floor with no special insulation or protection.
- This fireplace was designed by Jøtul's Laboratory in 1972, with assistance from Torbjørn Rygh.





No. 7 Parts\*



\* each number refers to a part available by special order.





## *Jøtul Kitchen Stove No. 404*

- An efficient cast iron stove for rapid and reliable cooking, roasting and baking.
- Rugged front grating is provided for firing with coke or coal. (N.B.! This must be removed if the stove is fired with wood).
- Adjusting damper for cooking and baking. Fitted with two hot plates. If the flue is fitted to the rear of the range, the top flue cover serves as an extra hotplate.
- Efficient oven with enamelled baking sheet and solid steel enamelled roasting tin.
- Black fireproof Jøtul enamel - eliminates the need for stove blacking.
- This stove was designed by Jøtul's Laboratory in 1952.

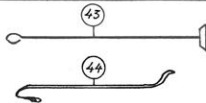
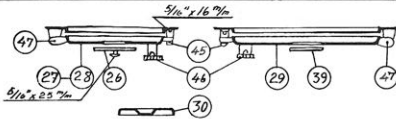
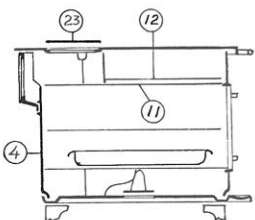
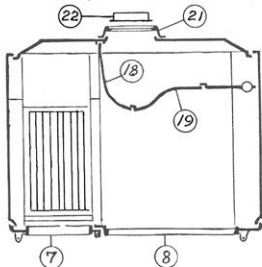
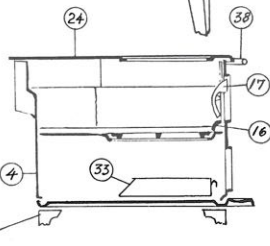
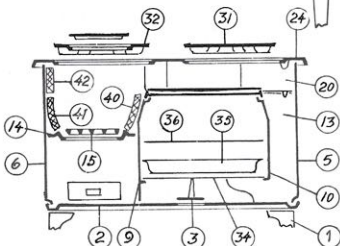
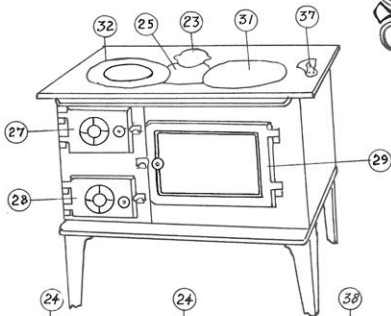


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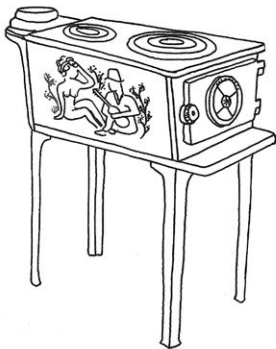
# No. 404 Parts\*

\*each number refers to  
to a part available by  
special order.





## Jøtul Lumberjack Wood Stove No. 380

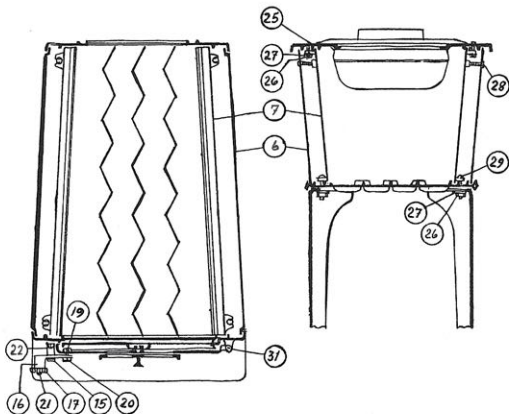
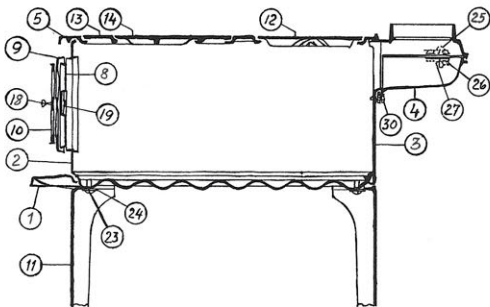


- A rugged cast iron wood stove for both cooking and heating. Particularly suited for the rustic setting of a hunting camp or mountain cabin.
- Double side wall construction insures that most of the heat is transferred to the hotplates.
- The 380 has the familiar Jøtul front end combustion system with adjustable vent. Like the other wood burners, the stove burns wood very economically.
- Traditional Norwegian relief helps warm the heart as well as the hands.
- This stove was designed by Jøtul's Laboratory in 1955, the ornamental bas-relief by artist Ørnulf Bast.



# No. 380 Parts\*

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\* each number refers to a part available by special order.



## *A Study of the Jøtul's Heating Efficiency*

A study to compare the heating efficiency of two box stoves, of equal size but different manufacturers, was carried out in Canada during a twelve day period in February when outdoor temperatures averaged  $-11^{\circ}$  to  $23^{\circ}$  F. The two stoves, one of them a Norwegian Jøtul Model #118, were used in separate lumber company camps of equal size, construction and insulation. The results showed:

- 1) The Jøtul consumed only one-half the volume of wood as the other box stove to keep the buildings at about the same indoor temperature.
- 2) More even indoor temperatures were experienced in the building with the Jøtul stove. The early morning temperatures were higher because the Jøtul burned all night and did not tend to go out as did the other box stove.
- 3) The amount of wood saved by the Jøtul was impressive. In the twelve day period of study, the Jøtul consumed a little over 50 cubic feet of wood, while the other stove burned over 100 cubic feet of wood. Under similar conditions and at today's wood prices, this gain in efficiency of the Jøtul stove represents a potential savings of \$200.00 for a winter's heating, assuming a wood cost of \$50.00 per cord.

Note: The tables printed on the following pages are only excerpts from the total study. Copies of the whole study are available upon request.

# Recorded Temperatures From The Study

## WOOD CONSUMPTION and TEMPERATURE READINGS FOR

### NORWEGIAN JOTUL STOVE #118

## WOOD CONSUMPTION and TEMPERATURE READINGS FOR

### CANADIAN BOX STOVE

Date	Hwd*	Swd*			Time of day temperatures taken.										Average
					6	8	10	12	2	4	6	8	10		
Feb. 12	3.3	2.7	Inside temp		41	60	70	72	65	60	68	74	74	65	
			Outside temp		-26	-23	-10	-5	-1	-2	-4	-12	-18	-11	
Feb. 13	3.2	2.7	Inside temp		43	51	62	63	68	68	63	72	76	63	
			Outside temp		-24	-21	-8	-2	0	-2	-6	-12	-12	-10	
Feb. 14	3.2	2.1	Inside temp		40	65	76	70	70	58	66	68	60	64	
			Outside temp		-14	-12	-2	8	10	10	5	-2	-4	1	
Feb. 15	3.2	2.1	Inside temp		42	66	62	64	68	64	68	64	66	63	
			Outside temp		-12	-10	-1	10	10	10	10	-4	-11	1	
Feb. 16	2.0	2.0	Inside temp		47	64	64	76	70	72	80	72	60	67	
			Outside temp		-8	-5	-12	20	23	25	22	20	18	14	
Feb. 17	1.8	1.8	Inside temp		50	60	70	70	72	62	68	62	60	64	
			Outside temp		16	20	24	24	24	24	24	20	18	22	
Feb. 18	2.3	1.3	Inside temp		48	56	62	66	66	80	68	76	72	67	
			Outside temp		15	20	24	28	30	26	24	22	22	23	
Feb. 19	1.5	1.2	Inside temp		47	66	58	74	64	70	66	65	60	63	
			Outside temp		10	14	20	24	24	20	20	14	10	17	
Feb. 20	2.5	1.3	Inside temp		45	70	74	68	64	66	68	72	64	66	
			Outside temp		0	4	10	20	24	20	20	18	14	14	
Feb. 21	1.8	1.8	Inside temp		43	56	72	70	66	66	70	75	72	66	
			Outside temp		15	20	20	24	27	29	22	17	12	21	
Feb. 22	1.3	2.4	Inside temp		47	66	60	68	70	76	78	76	70		
			Outside temp		10	20	22	24	26	26	23	20	18	21	
Feb. 23	1.8	1.8	Inside temp		47	60	70	74	70	70	70	68	74	67	
			Outside temp		12	18	20	28	29	20	10	9	7	17	

Date	Hwd*	Swd*			Time of day temperatures taken.										Average
					6	8	10	12	2	4	6	8	10		
Feb. 12	6.8	4.3	Inside temp		26	66	72	64	64	82	78	68	66	65	
			Outside temp		-26	-21	-10	-5	-1	-2	-4	-12	-18	-11	
Feb. 13	7.2	5.0	Inside temp		22	58	70	66	80	64	70	65	63	62	
			Outside temp		-24	-21	-8	-2	0	-2	-6	-12	-12	-10	
Feb. 14	5.1	3.3	Inside temp		29	66	62	70	66	68	72	74	68	64	
			Outside temp		-14	-12	-2	8	10	10	5	-2	-4	1	
Feb. 15	4.8	4.0	Inside temp		33	62	68	56	68	72	74	72	66	63	
			Outside temp		-12	-10	-1	10	10	10	10	-4	-11	1	
Feb. 16	3.0	4.3	Inside temp		36	64	56	64	58	56	81	70	68	61	
			Outside temp		-8	-5	12	20	21	25	22	20	18	14	
Feb. 17	4.3	3.6	Inside temp		42	69	66	68	64	61	69	66	68	64	
			Outside temp		16	20	24	24	24	24	24	20	18	22	
Feb. 18	3.7	4.1	Inside temp		44	54	60	64	68	64	78	74	64	63	
			Outside temp		15	20	24	28	30	26	24	22	22	23	
Feb. 19	4.0	3.3	Inside temp		47	58	64	67	68	60	66	72	64	63	
			Outside temp		10	14	20	24	24	20	20	14	10	17	
Feb. 20	4.3	3.5	Inside temp		42	68	60	70	69	72	68	74	75	66	
			Outside temp		0	4	10	20	24	20	20	18	14	14	
Feb. 21	5.0	3.0	Inside temp		44	58	64	70	72	64	68	74	72	65	
			Outside temp		15	20	20	24	27	29	22	17	12	21	
Feb. 22	4.6	3.2	Inside temp		42	56	64	70	80	74	68	72	70	66	
			Outside temp		10	20	22	24	26	26	23	20	18	21	
Feb. 23	4.4	3.5	Inside temp		40	60	66	74	70	65	63	70	75	65	
			Outside temp		12	18	20	28	28	20	10	9	7	17	

Total consumption during test period - 51.1 cu. ft.  
 Average consumption per day - 4.25 cu. ft.  
 Fuel consumption in cu. ft./Degree Fahrenheit/  
 Cu. ft. of space heated = 0.0000314

Total consumption during test period - 102.3 cu. ft.  
 Average consumption per day - 8.53 cu. ft.  
 Fuel consumption in cu. ft./Degree Fahrenheit/  
 Cu. ft. of space heated = 0.0000654

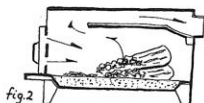
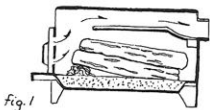
\*Hwd. = Hardwood  
 \*Swd. = Softwood  
 Cubic feet measure





## Facts Concerning the Jøtul Stoves For Wood

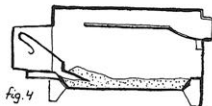
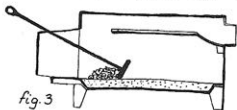
1. Front combustion system means that Jøtul stoves will burn very slowly, because it burns the wood from the front to the back. (fig.1 and 2)
2. The heavy cast iron construction throughout radiates heat quickly.
3. Draft regulator is specially designed for burning wood.



4. Patented pre-heating chamber for air on the inside of the door distributes primary and secondary air in the proper proportions. Primary air causes the wood itself to burn like a cigar, from front to back. Secondary air ignites the heat gases, allowing much more complete, efficient burning.

5. Specially designed baffle plates give higher temperatures in the fire space, distribute the heat, and protect the sides of the stove.

6. Tight-fitting doors with ground surfaces, therefore no false draft for the fire.



7. Effective door fasteners and handles with heat insulation.

8. Sweeping out ashes can be done cleanly and easily. (fig.3 and 4)

Jøtul, Inc. Oslo, Norway



## Løtul System 15

- Custom-build your fireplace around Løtul's beautiful 100 % cast iron, prefabricated firebox.
- Unique, ingenious, efficient and long-lasting.
- System 15 has thirteen components in all. With the ones shown, one can build innumerable variations of design and layout. Other components are available on special order.



K8-3 legs



K6-sides, top and bottom frame



K1-

basic firebox



K10



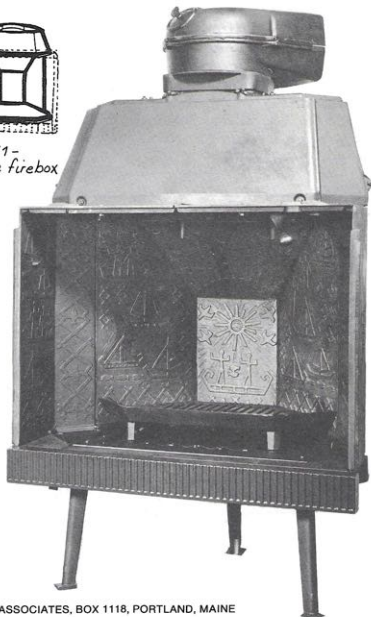
K9-2 wall vents



K10 - pipe converter



4 possible pipe outlets

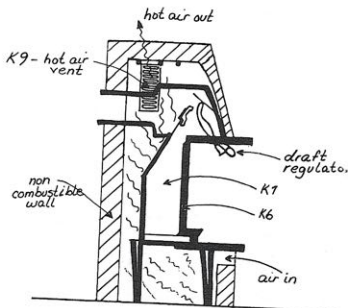




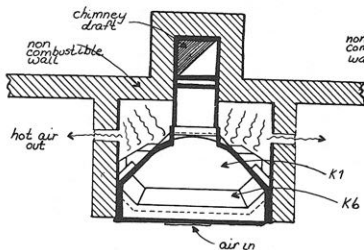


## Jøtul System 15

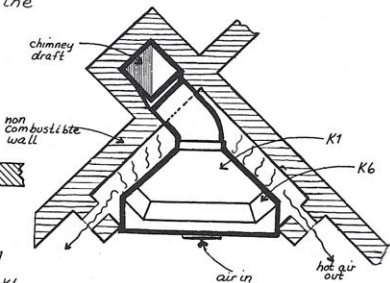
System 15 will heat twice as well as a traditional fireplace. Install it allowing for a heating chamber behind the firebox. Heat is forced from the heating chamber into the room through vents above the fireplace. Tests at the Jøtul factory show that the traditional fireplace draws about 90% of the heat up the chimney, and allows 10% into the room. In other words, it has 10% heating efficiency. System 15 has 20% heating efficiency. A free-standing fireplace has about 25% and boxstoves have 40-60%. These figures vary somewhat depending on design and draft, but nonetheless, for those who wish a built-in fireplace and some heat, too, this is the answer!



side-view against a straight wall

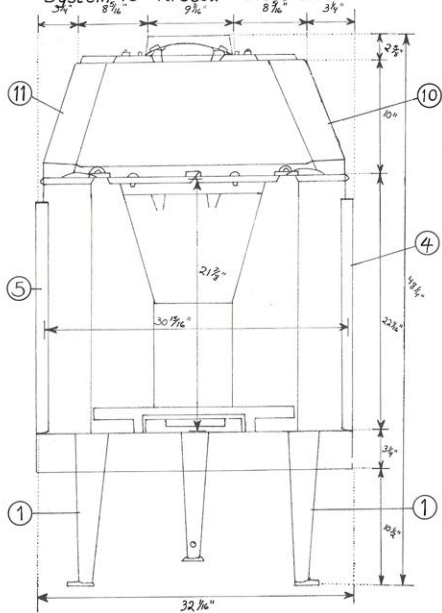


against a straight wall

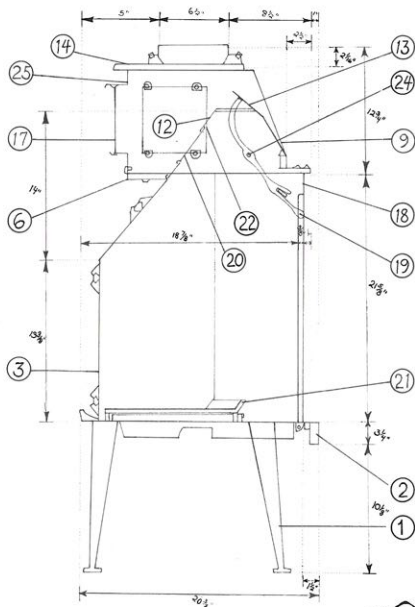


in a corner

System 15 firebox Front view

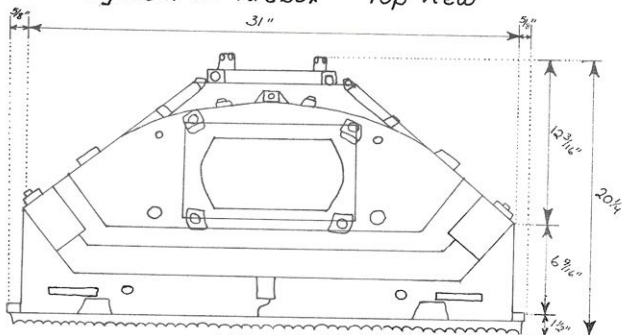


System 15 firebox Side view

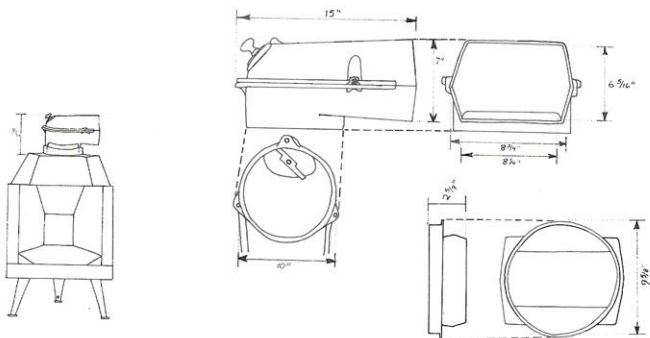


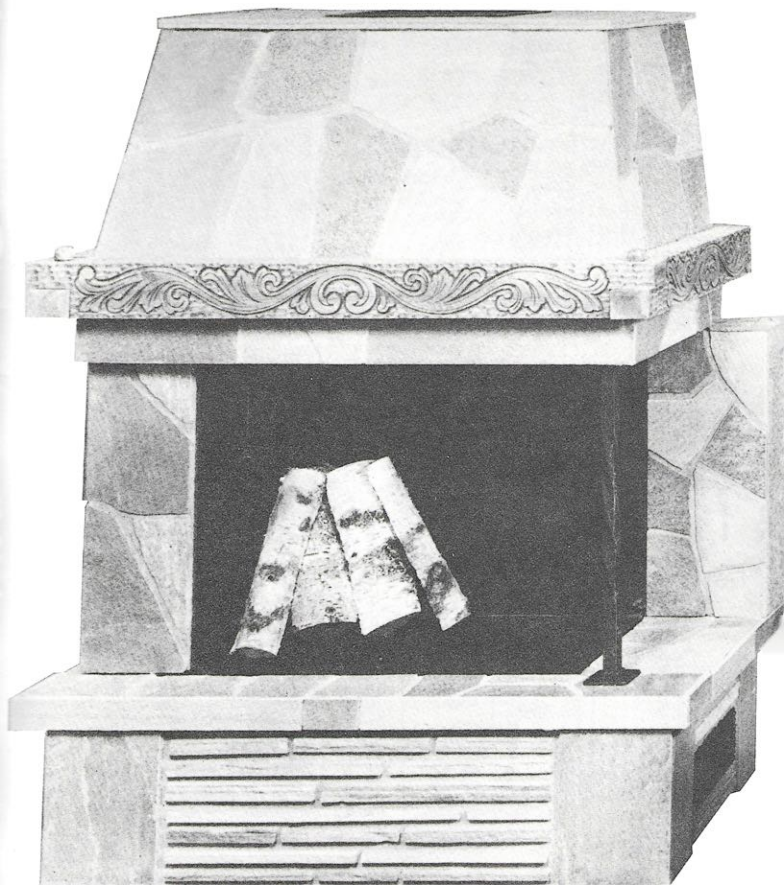


*System 15 firebox Top view*



*System 15 firebox Chimney parts*

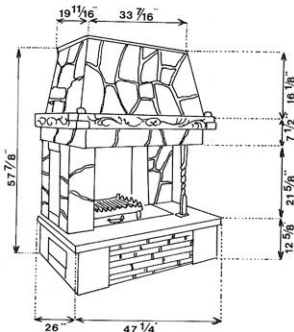
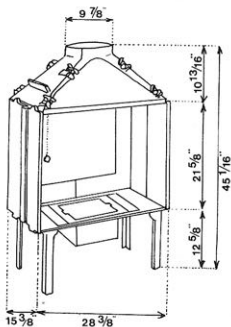






## Jøtul System 16

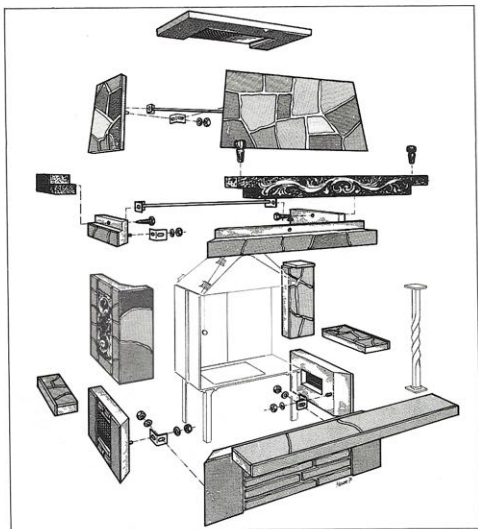
System 16 is part of the Jøtul series of fine fire-place linings. It is similar to system 15 in that a heating chamber can be built behind it so that the hot air can circulate back into the room. A complete brochure on System 16 is available on request, showing the system packaged for numerous settings.



## Jøtul System 16 Fireplace, Slate-Clad



The lining can be supplied complete with pre-fabricated framing. With two sides open you can have a right or a left turning model. The material used for framing is the famous Oppdal slate, creating an effect of rough good looks. A decorative, hand-carved wooden shelf is fitted round the hood. (Fire regulations in Norway, Sweden and Denmark do not permit the use of wood, so this is only supplied to countries where local fire regulations do not object). Instead of the wooden shelf, a copper shelf may be ordered. The framing is delivered packed in wooden crates and is easy to mount.





## You May Like To Know

- World Jøtul Distribution Network. Jøtul stoves are shipped to the following countries: England, Germany, Canada, Holland, Australia, Denmark and Sweden.
- Jøtul Booklets. Can be purchased in quantities for resale from Kristia Associates, P.O. Box 1118, Portland, Maine 04104.
- Jøtul Paintings. Ben and Ariel Wilcox, Peacemeal Farm, Dixmont, Maine 04932.
- Barbecue Grills. Are custom made by Thompson and Anderson, 446 Stroudwater Street, Westbrook, Maine 04092.
- Bumper Stickers. "Split Wood Not Atoms", from New England Coalition on Nuclear Pollution, Box 675, Brattleboro, Vermont 05301.
- Outhouse Users. It has been suggested to "hang an old seat on a nail behind your wood stove and, if you have to go out on these cold winter days and nights, take it out with you and... rest easy...!"
- The Complete Book of Heating With Wood, by Larry Gay, Garden Way Publishing, Charlotte, Vermont 05445.
- The Woodburners Handbook, by David Havens, Media House, Box 1770, Portland, Maine 04102.
- Woodstove Know How, by Peter Coleman, Garden Way Publishing, Charlotte, Vermont 05445.
- How To Plan And Build Fireplaces (A Sunset Book), Lane Magazine and Book Company, Menlo Park, California.
- Theories of the Combustion of Wood and Its Control, U.S. Dept. of Agriculture, Forest Products Laboratory, Madison, Wisconsin (Issue #2136 Dec. 1958).
- Ships Bring Our Stoves. The Jøtul stove manufactured in Norway are shipped across the Atlantic in containers. Portland, Maine is the first U.S. port the ships call in carrying saildunes, skis and the stoves, of course! These ships also set into New Bedford, New York, Philadelphia, Baltimore and Newport News.



## Art That Warms



The traditions of Norwegian stove sculpture extend back three centuries. Until the beginning of the last century, Norwegian sculpture was centered around two basic forms of art: Church art in all its forms and; relief art on cast iron stoves. Stove plates are counted among the best sculpturing ever done in iron. Stove plate relief is art for the people and found its way into many homes. The relief tells about changing attitudes and truly reflects the life styles of the times.



Jøtul continuously makes an effort to carry on this tradition of decorating the stoves. Many fine artists have been contracted to design the reliefs and among them are: Stinius Fredriksen, Ørnulf Bast, and Rolf Nesch.



Stinius Frederickson, born in 1902 started out as a "classicist" but eventually changed his art to a simplified, abstract form, i.e., "Mother and Child," 1935. Some of his works include the portrait of the Norwegian author Gunnar Reiss/

Andersen as well as monuments of P.A. Munch and Franklin D. Roosevelt. Ørnulf Bast, born in 1907, became instantly famous with his playful lion in front of the House of Artists in







## Art That Warms

Oslo in 1930. He has since than done several memorials. In 1947 through 1950, he did twelve reliefs in the Oslo City Hall, and the motif, "The Seasons". He is otherwise known for his expression of "Women".

Rolf Nesch was born in Wurttemberg, Germany in 1893 and came to Norway in 1933. He became a citizen in 1946. He made his debut as an artist in Hamburg in 1930. He played a great part in reflecting German expressionism in Norway and later reached his peak of his originality in his graphics about Norway, i.e., Snow graphics and Mountain graphics. To give paper the look of a relief, he fused metal threads together. He did the designs for Jøtul's no. 905 and no. 902. He is known in the United States and his works are being exhibited this year at the Smithsonian Institute in connection with the Norwegian Sesquicentennial celebrations. Rolf Nesch died in November, 1975.



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**WOOD BURNERS  
HAVE MORE FUN**

