

Assembly instructions for »Logana« 12.50 convertible cast-iron sectional boiler for solid fuel firing

General

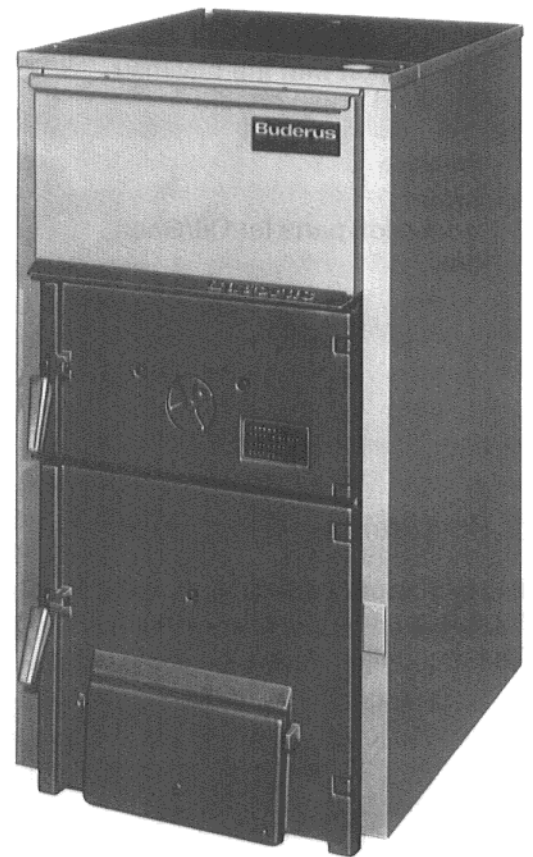
The Buderus »Logana« 12.50 cast-iron sectional boiler is for solid fuel firing.

The operating instructions for the boiler are included in the packing.

If you wish to convert the boiler for liquid fuel firing, please read the special instructions for boiler conversion.

Assembly sequence:

1. Delivery of the boiler
2. Boiler foundation
3. Boiler erection
4. Assemble boiler jacket



1. Delivery

1 Transport pallet:

Assembled boiler body with doors and smoke hood

Boiler furnace contains:

Cleaning tools (brushes)
Plug 1 1/2"

1 Assembly and operating instructions, protection strip, controller rod, adjustor screw and seal (in wrapper).

Firing controller
Screwed flanges with bolts

1 Carton:

Boiler jacket with thermal insulation and brush handle

Optionally:

1 Carton:

Conversion parts for Oil/Gas firing



Fig. 1

2. Foundation

It is best to mount boiler on a 5–10 cm (2–4 in.) high foundation (concrete or bricked).

The foundation must be flat and level.

Boiler size	12.50 45	12.50 55	12.50 65	12.50 75	12.50 85	12.50 90
Boiler length / Foundation length L						
mm	610	710	810	910	1010	1110
in.	24	28	32	36	40	44

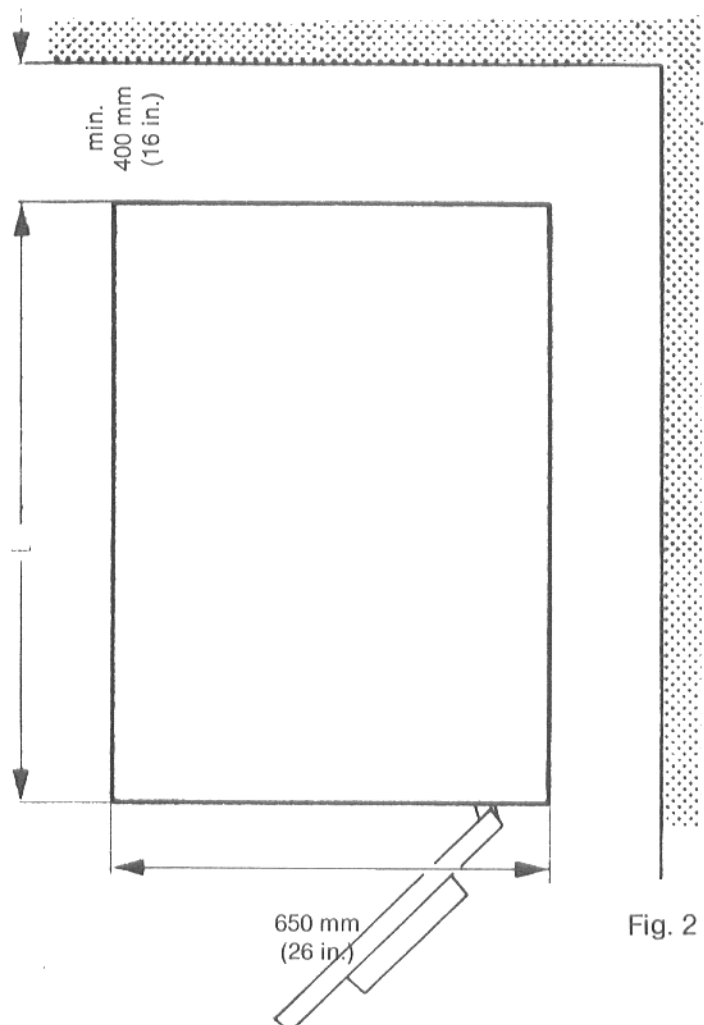


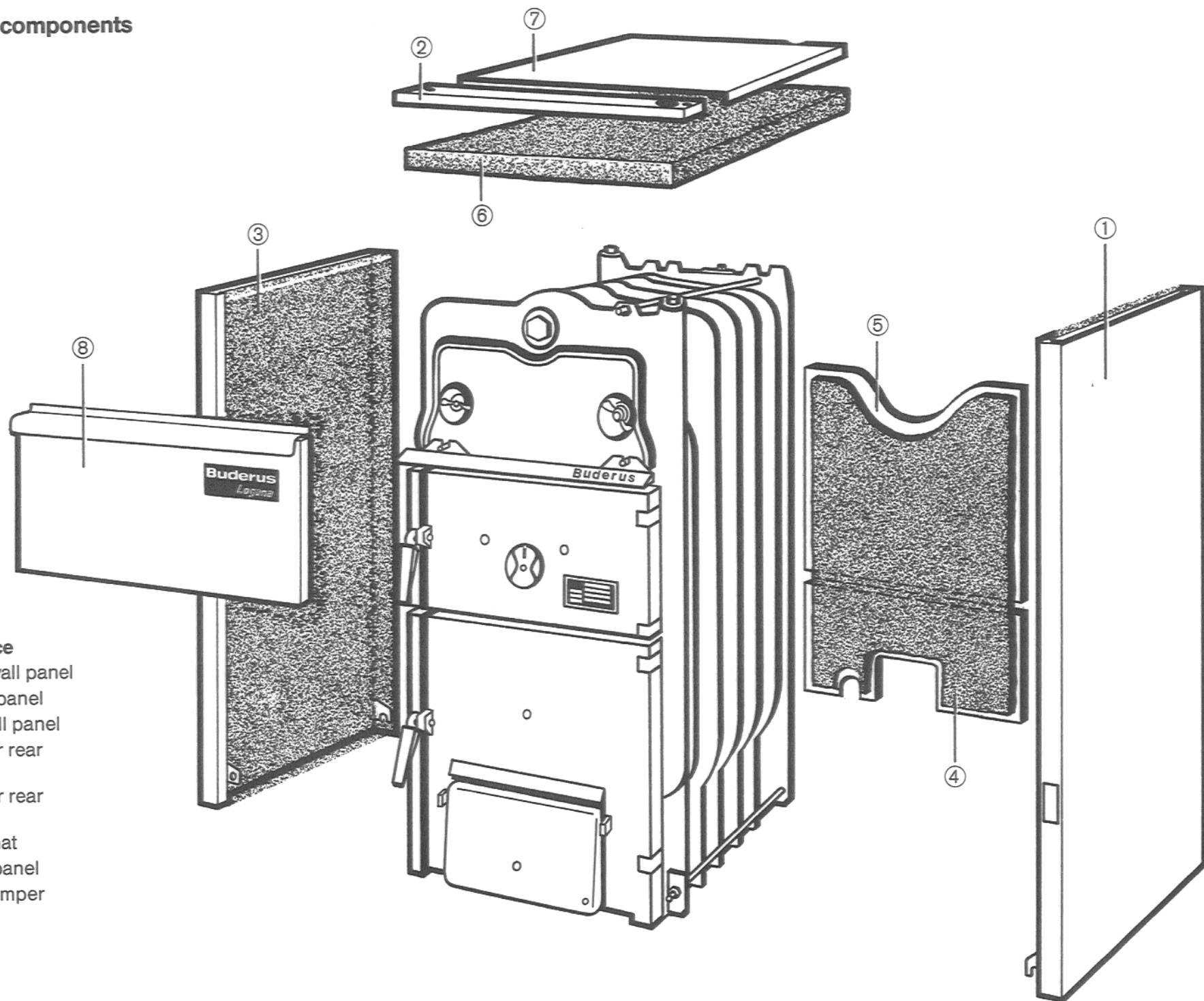
Fig. 2

3. Erection

Place boiler on the prepared foundation. The ash door at front must be flush with the edge of the foundation. True up the boiler vertically and horizontally, using a spirit level. If necessary, use metal chocks or plate strips.

Boiler width / Foundation width = 650 mm (26 in.)
Boiler length / Foundation length = Dim. L

Boiler jacket components



Fitting sequence

- 1 Right side wall panel
- 2 Front hood panel
- 3 Left side wall panel
- 4 Under boiler rear wall panel
- 5 Upper boiler rear wall panel
- 6 Insulating mat
- 7 Rear hood panel
- 8 Cleaning damper

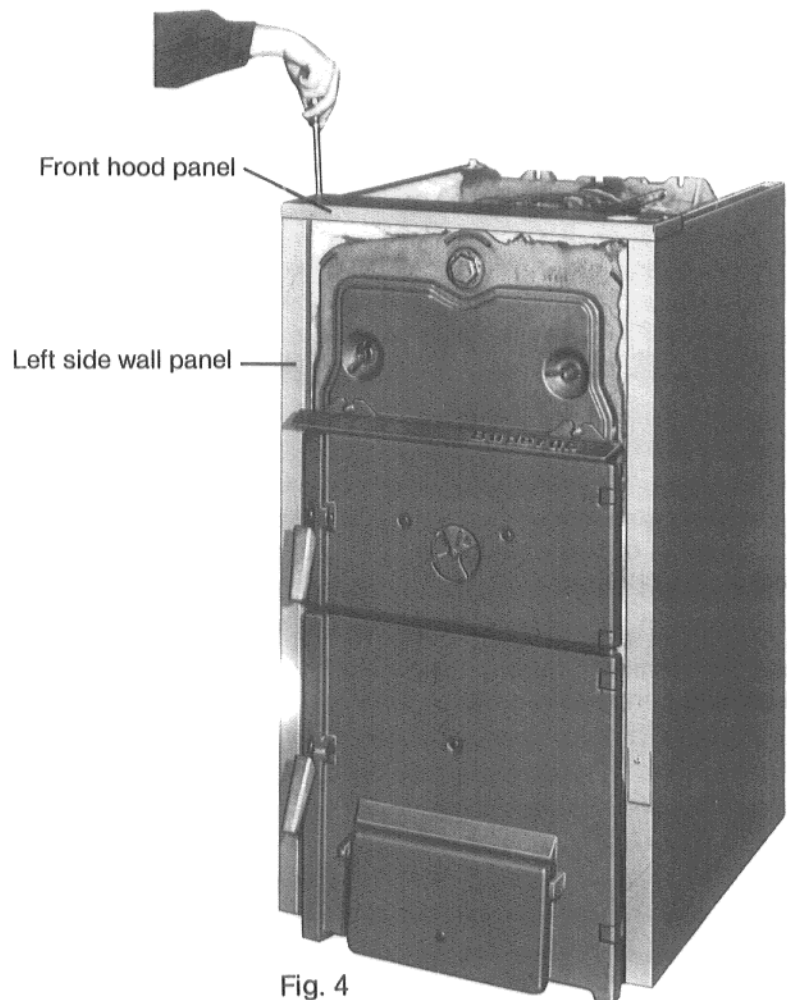
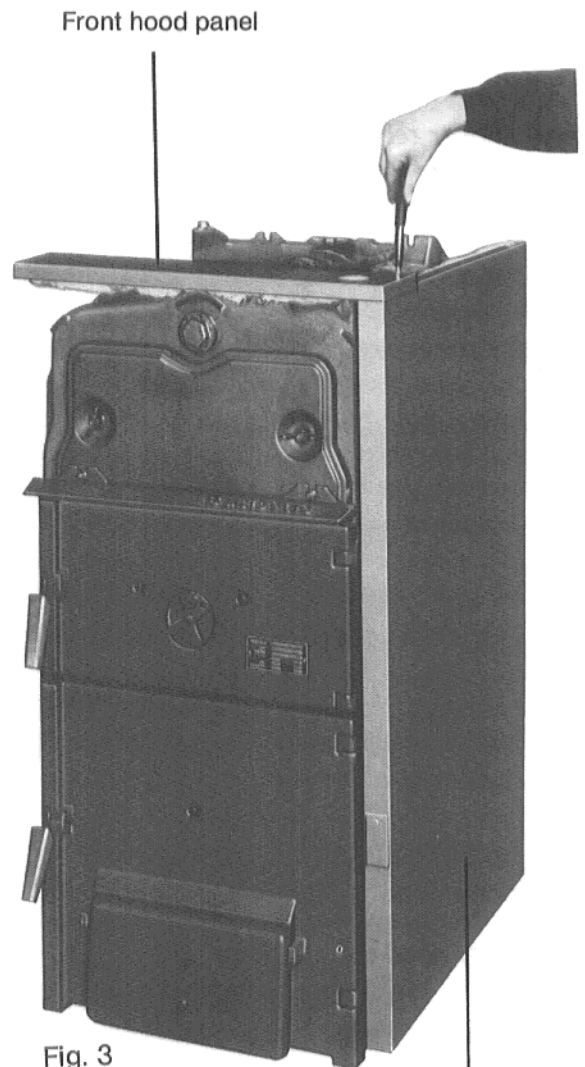
4. Assembly of boiler jacket

Put right-hand side wall with affixed brackets onto tie bar.

Put front hood panel with the brackets onto the tie bars and screw onto right side wall panel.

Do same with left-hand boiler side wall.

Screw left side wall panel onto front hood panel.



Before installing the firing controller, break off clear part from front hood panel.

Insert boiler rear wall panels into side walls and bolt down.

Insulating mat

Upper boiler rear wall panel

Under boiler rear wall panel

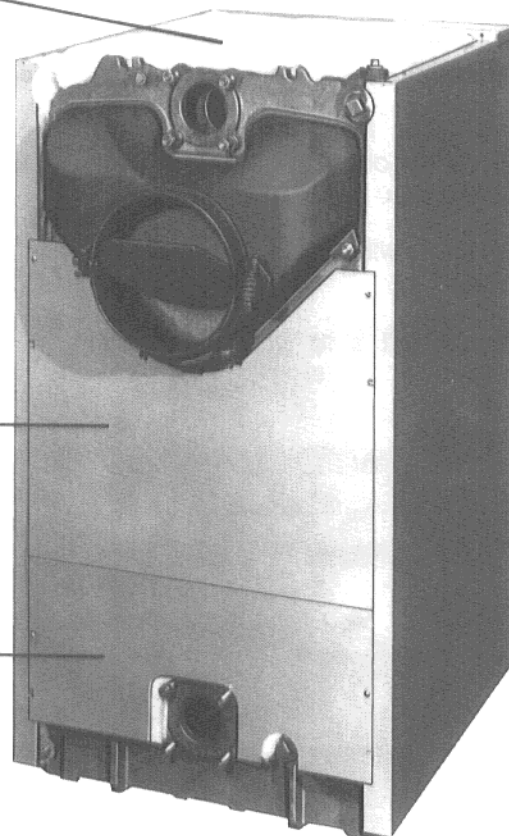


Fig. 5

Place insulating mat behind the front hood panel on top of boiler.

Insert rear hood panel into slots of front hood and screw onto side walls.

Insert upper part of the cleaning flap behind the boiler hood and the lower part behind the screen.

Firing controller

Cleaning damper

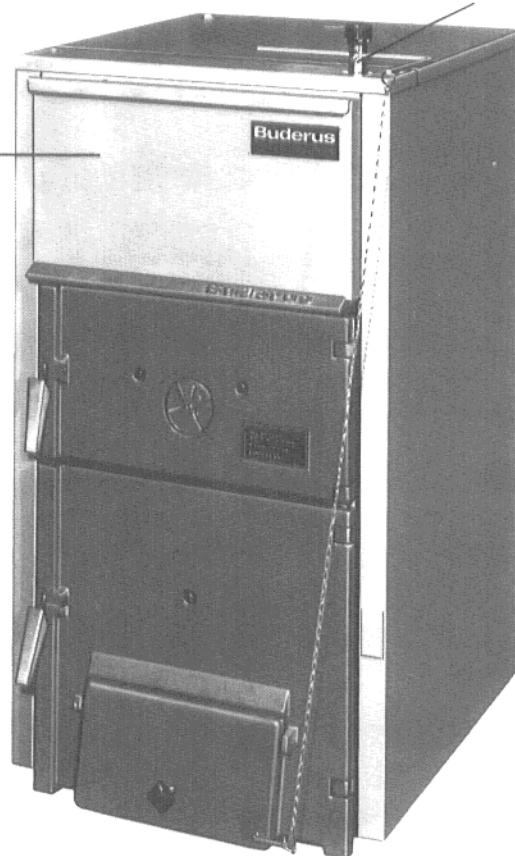


Fig. 6

Check position of baffle plates in the upper flue channels.

For conversion to oil firing, see special assembly instruction (packed with conversion parts).

