

BOTTLE OVEN TYPE 2



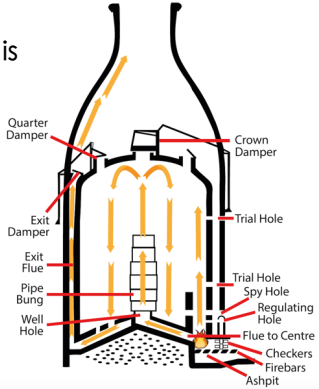
Potteries
Bottle
Oven
Day

DOWNDRAUGHT OVEN (WITH INTEGRAL CHIMNEY)

This type of bottle oven is a more complex design than the simple updraught. It was developed in the early 1900s to make more efficient use of the coal fires.

The hot gasses pass through the setting of saggars not once but twice, theoretically extracting as much heat as possible from the burning coal.

From the firemouths, the intensely hot gases flow upwards to the crown where they are deflected downwards through the setting of saggars containing pottery, and are then drawn out through the flues in the floor of the oven. The control of the flow of the hot gases was made by the use of dampers at the top of the chamber which were opened and closed during the firing cycle.



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The only examples of this type in the city...



Bottle
Oven
Types

Acme Marls