



The Gurney-Oxford Economizer

Engineers and Architects have felt the need of a more perfect fire controlling system for Hot Water Boilers, as with a variable climate it is often practically impossible to maintain just sufficient fire to give the desired amount of heat when the thermometer is say, forty or fifty above zero, in a Boiler which is of the capacity and design for zero weather and below.

The GURNEY-OXFORD "Economizer" illustrated on the opposite page is a housing of cast iron which connects the shell top of the Oxford Boiler to the smoke flue. In the back of this housing, as will be seen, there is an opening that may be completely closed by a snug fitting damper when the handle on the side of this housing is raised. The lowering of this handle causes the one damper flap to gradually increase the opening at the back of the housing into the smoke stack, while it decreases the smoke opening of the boiler.

This means that the Boiler may be checked off without drawing cold air over the already heated sections, which prevents this most wasteful practice. It also means that the Boiler may be checked down finer than under any other known system of control, because, even supposing that this check is carried to the point that furnace gas is not burned this gas is at once carried up the chimney and does not escape into the house.

The GURNEY-OXFORD "Economizer" is shipped without extra charge with all GURNEY-OXFORD Round Hot Water Boilers. It so increases the efficiency of this Boiler that we prefer to insure it being on every GURNEY-OXFORD Boiler rather than to sell it as a specialty.

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