

ESTABLISHED 1873.

JOHN METCALF,
HEATING ENGINEER,
ARCADE WORKS,
PRESTON.

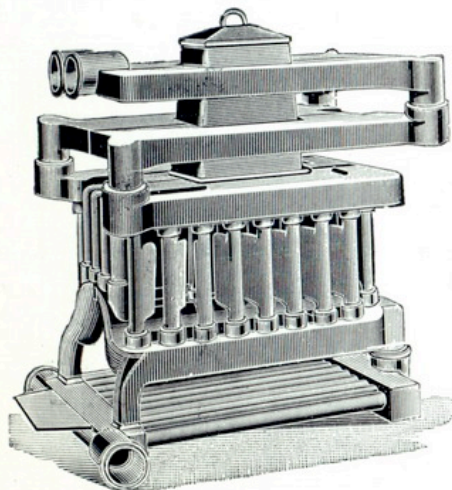
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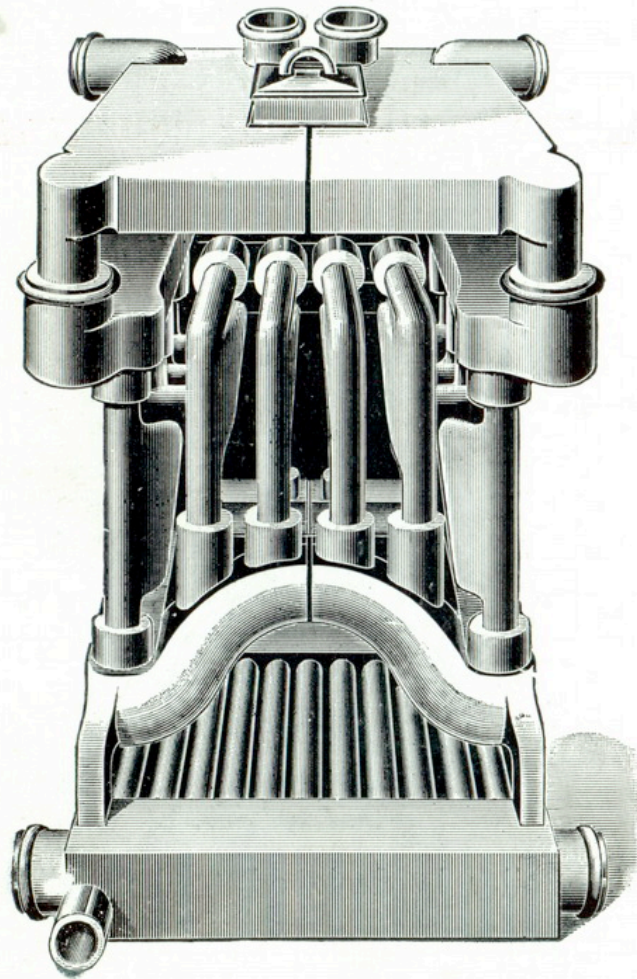
TELEPHONE No. 1Y.

TELEGRAPHIC ADDRESS: "WARMTH."

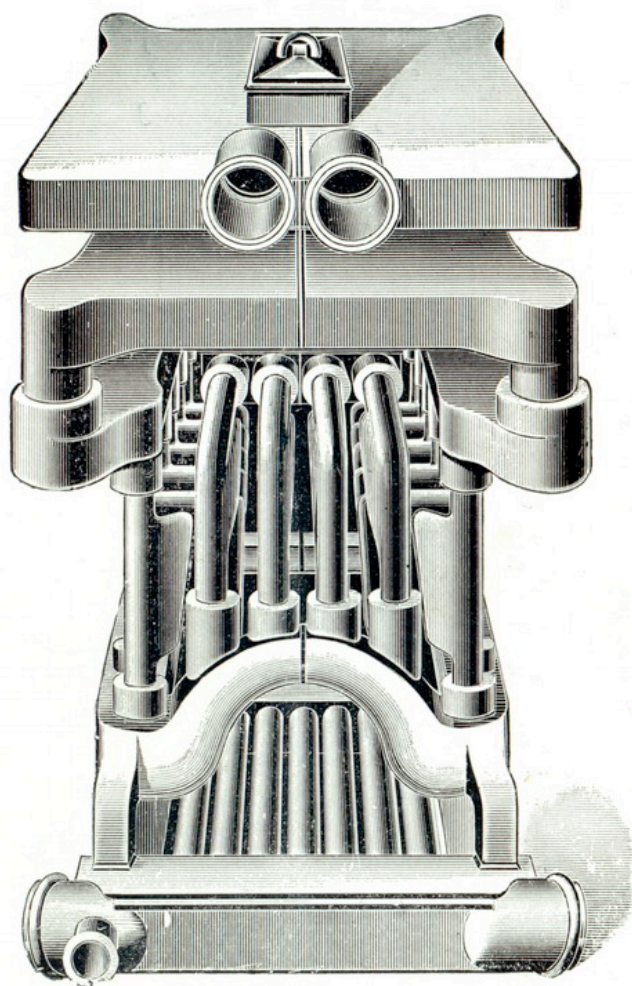
**IMPROVED UPRIGHT TUBULAR
BOILER.**



This Boiler is designed to be built up in brickwork, and is made in various sizes, to heat up to 6,000 ft. 4 in. pipe.

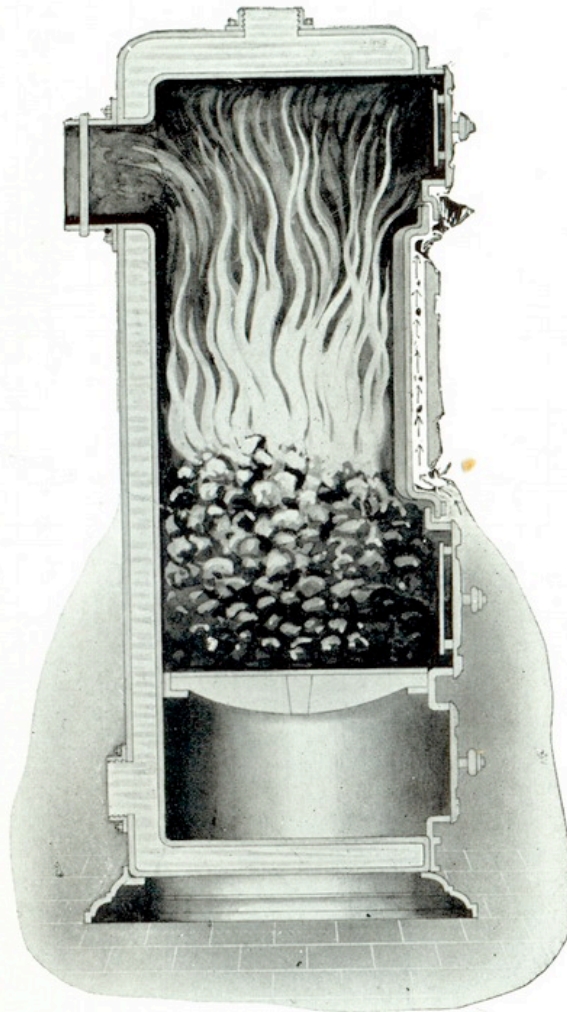


**METCALF'S
IMPROVED HOT-WATER BOILER.**



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IMPROVED HOT-WATER BOILER.**

**INDEPENDENT DOMESTIC
HOT-WATER SERVICE BOILER.**

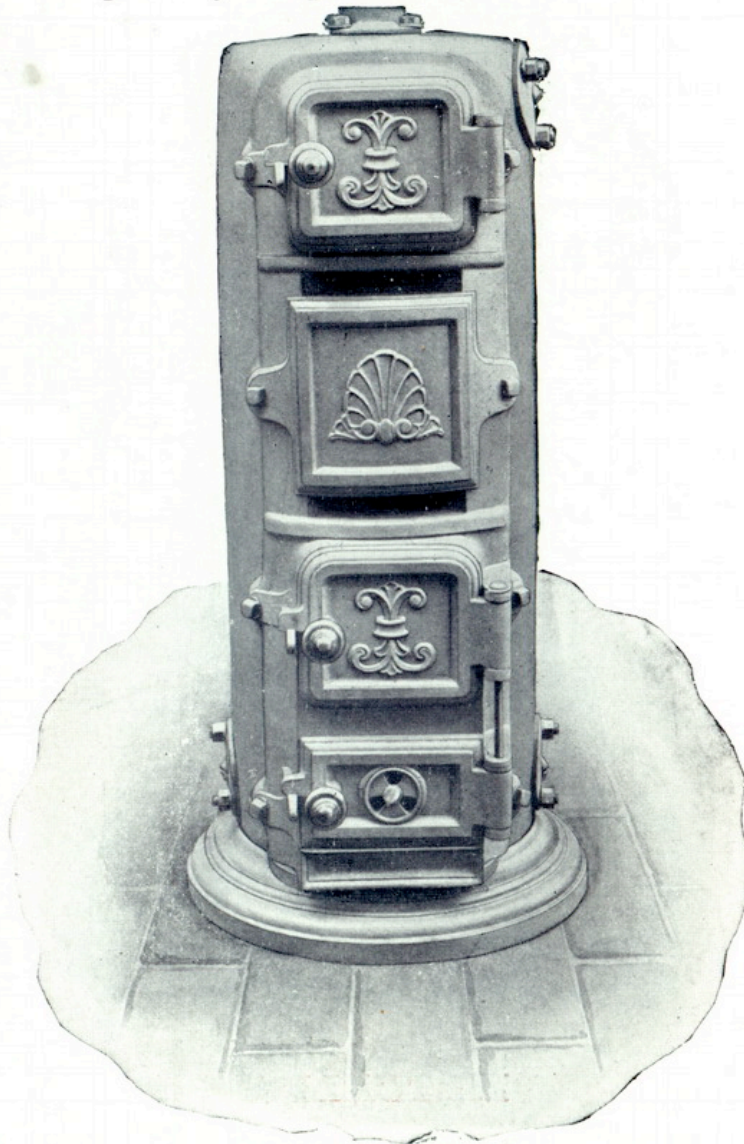


SECTION.

specially to overcome that difficulty. It is a double Front, so arranged that a current of cold air passes between the cast plates (as sectional illustration) thereby keeping the whole front cool. This will be found to be a decided advantage over other patterns now in the market.

**INDEPENDENT HOT-WATER
SUPPLY BOILER.**

Specially adapted for Hard Water.



ELEVATION.

The advantages of a Boiler with Cast-Iron Front over the old type Dome Top Boiler for Domestic Supply have been fully recognised. The only disadvantage is the liability of the cast front to crack with intense heat. This Front is designed