



## Boilers and Furnaces Considered in Their Relations to Steam Engineering

By William Miller Barr

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 114 pages. Dimensions: 9.7in. x 7.4in. x 0.2in. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1898 edition. Excerpt: . . . of horizontal tubular boilers from 36 to 72 inches diameter are conveniently arranged for reference in the annexed tables. The strength of shells for corresponding and larger diameters, together with the several kinds of riveting best suited to the strength of plates used, has already been given in Tables XXIX. , XXX. , and XXXI. The number and arrangement of tubes as given in Tables XXXIX. to XLIV. accords with what has been said in this chapter regarding horizontal spacing and the distance of top of upper row of tubes from the bottom of the boilers. Regarding the latter, it may be said that two-thirds is the highest permissible limit; some designers place it at three-fifths instead, in order to get a lower water level. Between these two limits lies the best modern practice. The tube area, total heating surface, and grate area are...



## Reviews

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