

HORIZONTAL FLUE TUBES

HEATING SURFACE	
TUBES	416 Sq. Ft.
PLATE	84 Sq. Ft.
TOTAL	500 Sq. Ft.
GRATE AREA	22.5 Sq. Ft.

Lays		
PLATE	$2.766 - 30625 \times 100$	$= 67.2\%$
RIVETS	$100(23 \times 645 \times 2 \times 1)$ $28 \times 2.884 \times 531$	$= 71.5\%$
FRONT TUBE PLATE	$4 \times 2.625 \times 100$	$= 34.4\%$
BACK TUBE PLATE	$4 \times 2.5 \times 100$	$= 37.5\%$
SHELL	$(17 - 2) \times 28.67 \times 2$ $8 \times 3 \times 78$	$= 124.5 \text{ LBS}$
FRONT TUBE PLATE	$(31 - 2) \times 26.74 \times 2.625 \times 100$ $2.9 \times 78.75 \times 4$	$= 123 \text{ LBS}$
BACK TUBE PLATE	$(28 - 2) \times 26 \times 4 \times 2.5 \times 100$ $2.9 \times 65 \times 4 \times 4$	$= 133 \text{ LBS}$
FURNACE	$33 \times (18 - 1)$	$= 141 \text{ LBS}$
OGEES RING	$140 \times (30 - 1)$ $78(78 - 66)$	$= 125 \text{ LBS}$

PATENT BOILER N^{os} 9392-9393

6'-6" x 16'-3" x 500# x 120 LBS.W.P.

SIEMENS MARTIN MILD STEEL PLATES

PLATES NOT EXPOSED TO FLAME OR FLANGED ----- 28 TO 32 TONS
PLATES EXPOSED TO FLAME OR FLANGED ----- 26 TO 30 TONS

DRAWING N° 13875

W1129-0241

COCHRAN & CO., ANNAN, LD.

Boiler No. 10734.

Drawing No. 13875

WP : 120 lbs.

Glenmoor

Sld. 2970 3.

GLASGOW REPORT No. 47442

RETAIN



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