BURNHAM®
Commercial Boilers

LEGEND CONNECTIONS

A = 6" FLANGED SUPPLY (300#)
B = 2" RETURN
C = 3" x 4" HANDHOLE
D = 1" WATER COLUMN
E = 3/4" AQUASTAT
F = 2" BOTTOM BLOWDOWN
G = 2" SURFACE BLOWOFF
H = 2" AUXILIARY CONNECTION
J = 1-1/2" SAFETY VALVE (2)
K = 12" x 16" MANHOLE
L = 20" NOMINAL FLUE DIAMETER

RATINGS AND DATA

Shell Diameter : 78"
Gross Output – BHP : 300
Gross Output – MBH : 10043
Gross Output – Lbs/Hr : 10350
Net Rating – MBH : 7797
Net Rating – Sq. Ft. : 32488
Safety Valve – Lbs/Hr. : 11716

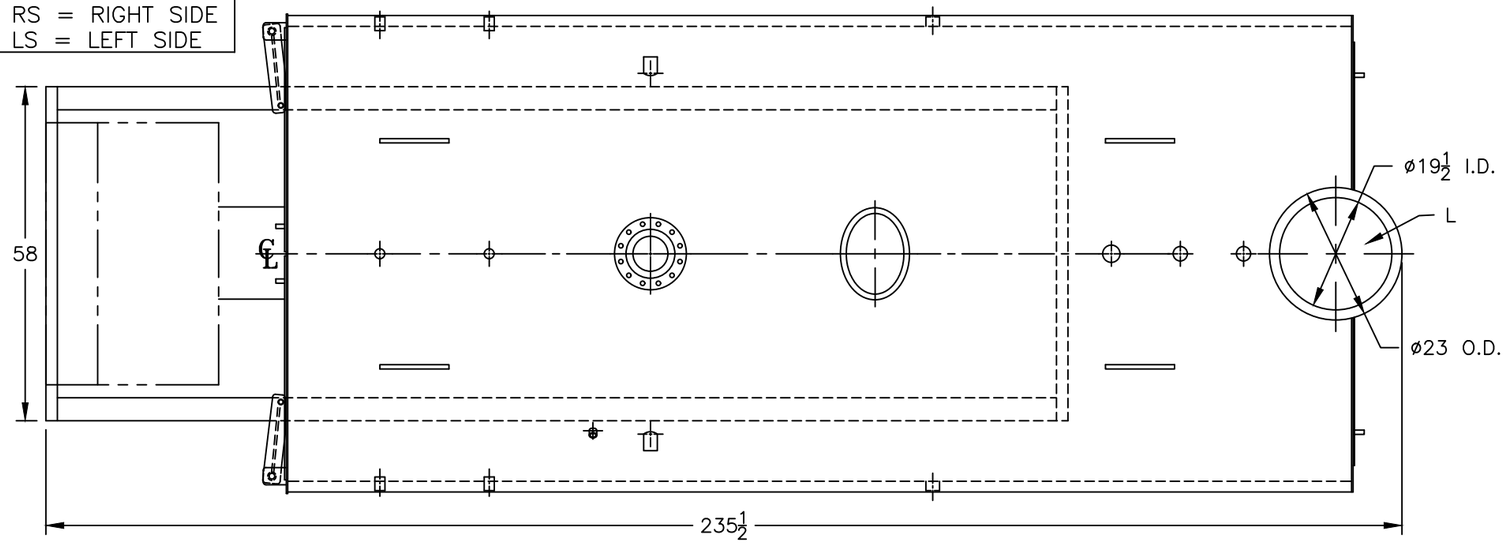
Heating Surface – Sq. Ft.
Fireside – 1500
Firetubes
Number – 186
Diameter – 2.5" O.D.

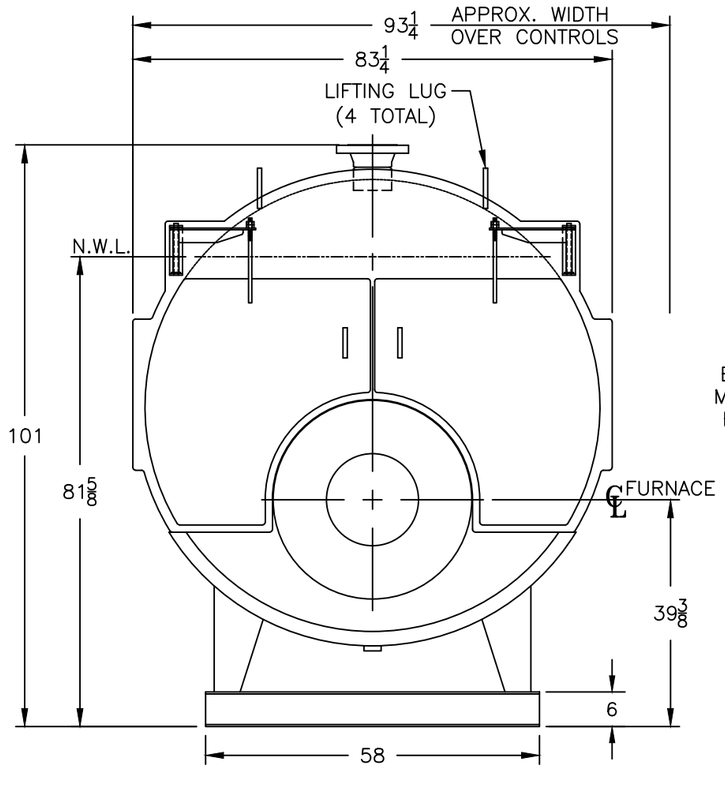
Firing Rate
1000 BTU Gas (MBH) – 12553
140000 BTU/Gal Oil (GPH) – 86.3
150000 BTU/Gal Oil (GPH) – 80.5

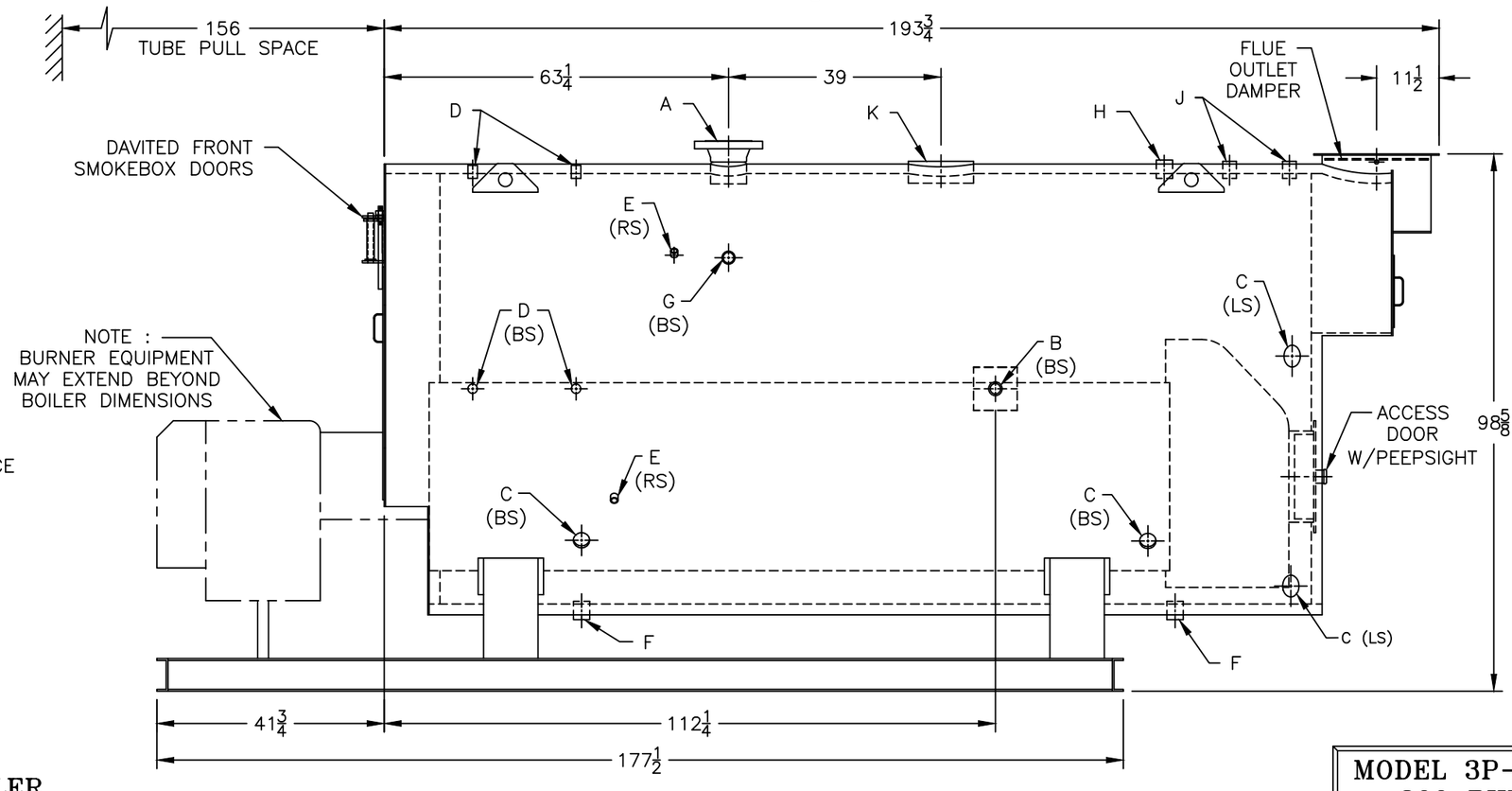
Water Content
Pounds – 13305
Gallons (U.S.) – 1597
Approximate Weight/LBS.
Dry – 21400
Wet – 34705

LEGEND

BS = BOTH SIDES
RS = RIGHT SIDE
LS = LEFT SIDE







PROJECT: STANDARD BOILER

MODEL 3P-300
300 BHP
150 PSI STEAM

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE ALL CONNECTIONS ARE THREADED UNLESS OTHERWISE SPECIFIED

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