BURNHAM®
Commercial Boilers

LEGEND CONNECTIONS

A = 6" FLANGED SUPPLY (300#)
B = 1-1/2" 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 = 2" SAFETY VALVE
1-1/2" SAFETY VALVE
K = 12" x 16" MANHOLE
L = 16" NOMINAL FLUE DIAMETER

RATINGS AND DATA

Shell Diameter : 66"
Gross Output – BHP : 175
Gross Output – MBH : 5858
Gross Output – Lbs/Hr : 6037
Net Rating – MBH : 4548
Net Rating – Sq. Ft. : 18950
Safety Valve – Lbs/Hr. : 6834

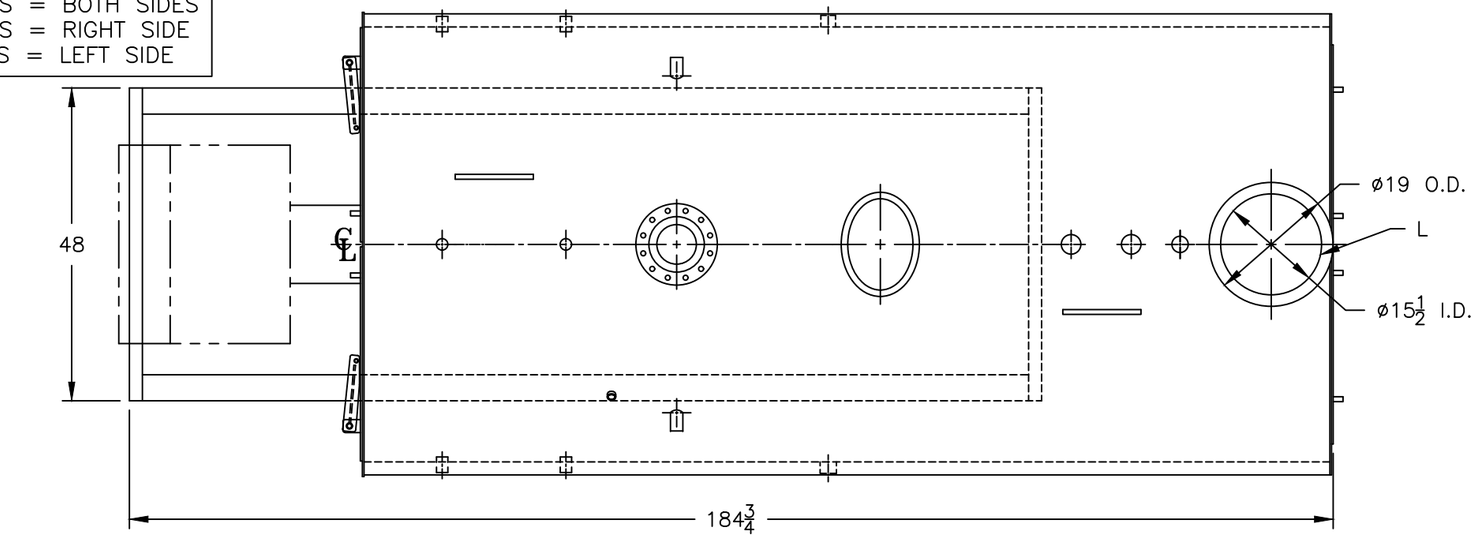
Heating Surface – Sq. Ft.
Fireside – 875
Firetubes
Number – 182
Diameter – 2" O.D.

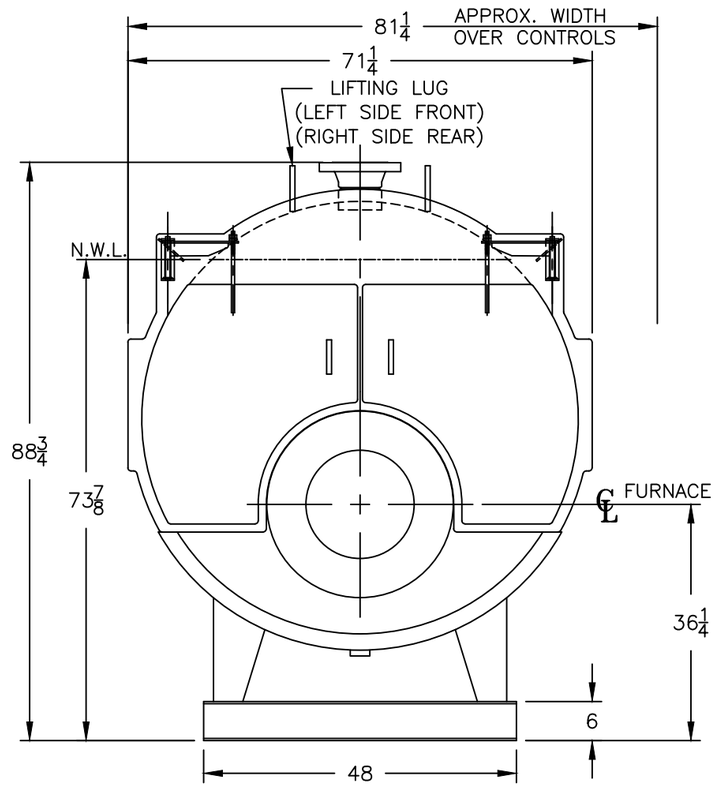
Firing Rate
1000 BTU Gas (MBH) – 7323
140000 BTU/Gal Oil (GPH) – 50.3
150000 BTU/Gal Oil (GPH) – 46.9

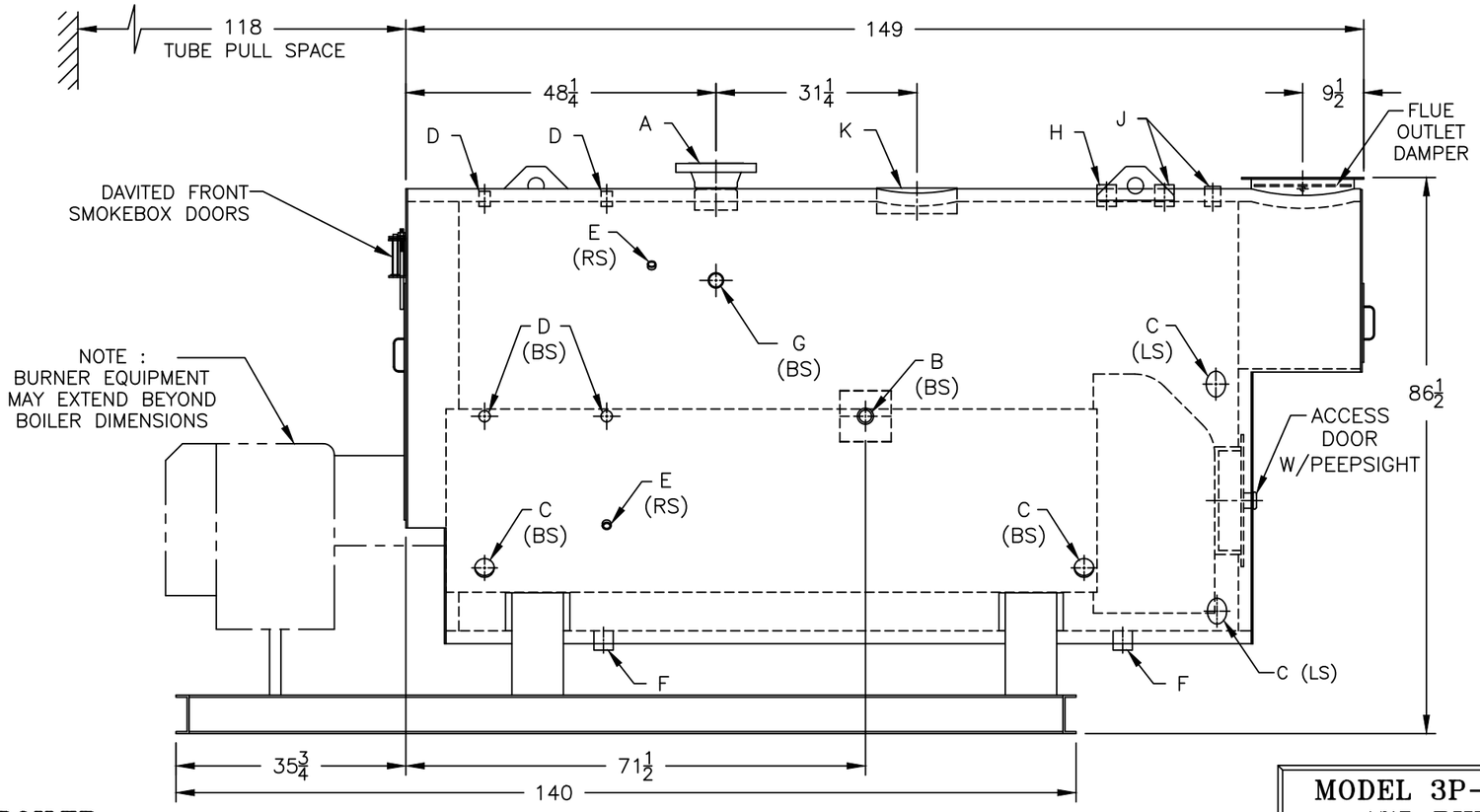
Water Content
Pounds – 8079
Gallons (U.S.) – 970
Approximate Weight/LBS.
Dry – 11600
Wet – 19679

LEGEND

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







PROJECT: STANDARD BOILER

MODEL 3P-175
175 BHP
150 PSI STEAM

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

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