BURNHAM®
Commercial Boilers

LEGEND CONNECTIONS

A = 10" FLANGED SUPPLY (150#)
B = 10" FLANGED RETURN (150#)
C = 3" x 4" HANDHOLE
D = 1" WATER COLUMN
E = 3/4" AQUASTAT
F = 2" BOTTOM DRAIN
G = 2" EXPANSION TANK
H = 3/4" GAUGE CONNECTION
J = 2" RELIEF VALVE (5)
K = 12" X 16" MANHOLE

RATINGS AND DATA

Shell Diameter : 108"
Gross Output – BHP : 755.1
Gross Output – MBH : 25278
Net Rating – MBH : 21981
Safety Valve – Lbs/Hr. : 28000

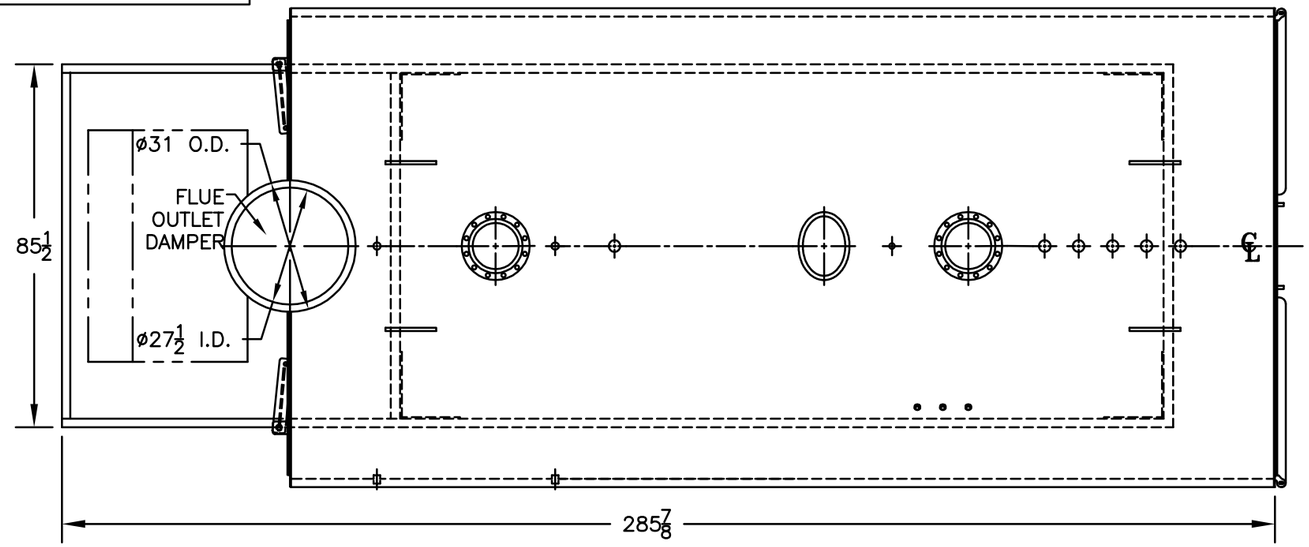
Heating Surface – Sq. Ft.
Fireside – 3500
Firetubes
Number – 350
Diameter – 2.5" O.D.

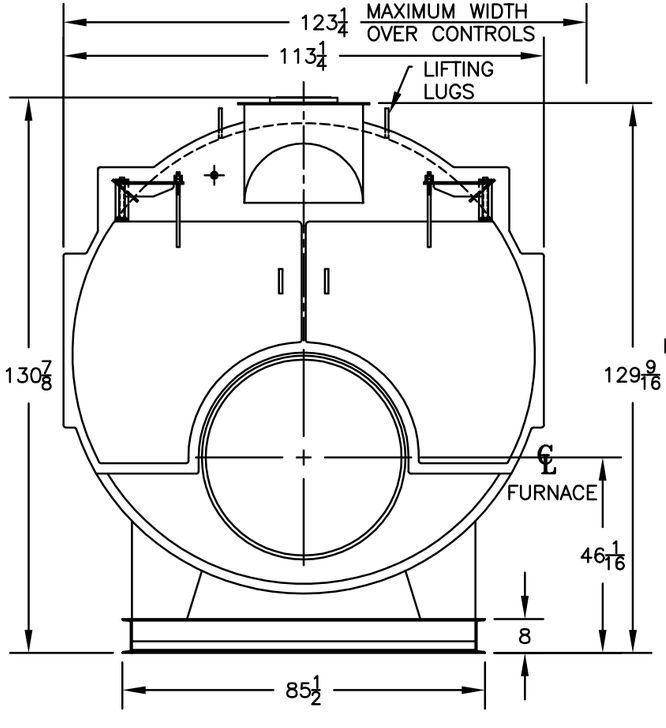
Firing Rate
1000 BTU Gas (MBH) – 29291
140000 BTU/Gal Oil (GPH) – 202.6
150000 BTU/Gal Oil (GPH) – 189.1

Water Content
Pounds – 39600
Gallons (U.S.) – 4747
Approximate Weight/LBS.
Dry – 38300
Wet – 77900

LEGEND

BS = BOTH SIDES
RS = RIGHT SIDE





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

MODEL 4SW–700
755.1 BHP
30 PSI WATER

DEC 2015 TS–46–26–B