

# BURNHAM®

## Commercial Boilers

### LEGEND CONNECTIONS

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

### RATINGS AND DATA

Shell Diameter : 62"  
 Gross Output - BHP : 100  
 Gross Output - MBH : 3348  
 Gross Output - Lbs/Hr : 3450  
 Net Rating - MBH : 2679  
 Net Rating - Sq. Ft. : 11163  
 Safety Valve - Lbs/Hr. : 3905

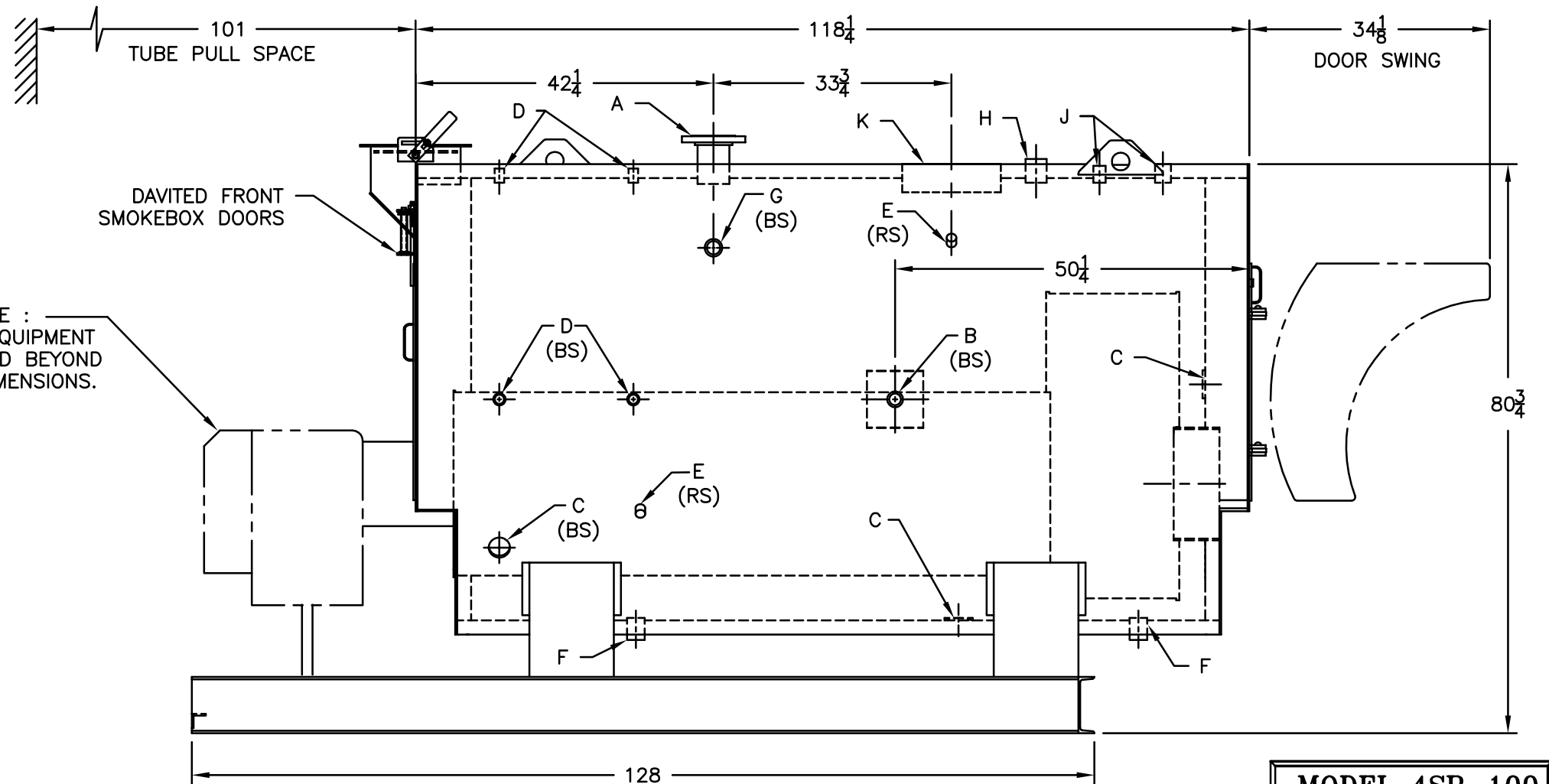
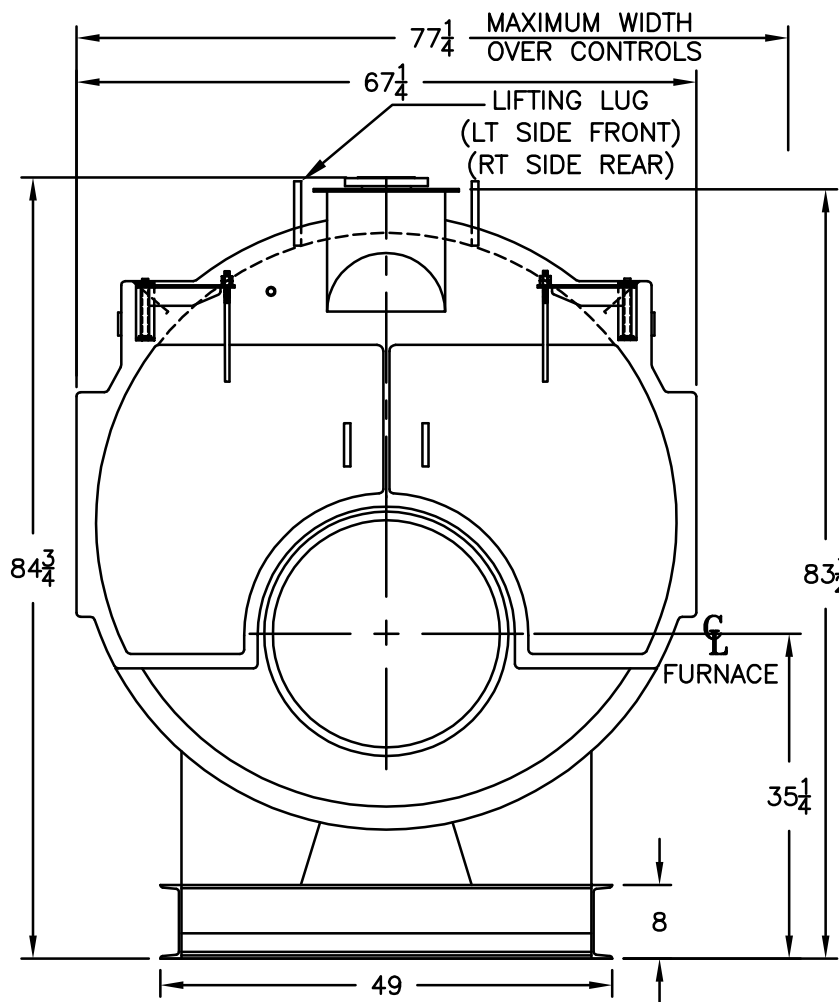
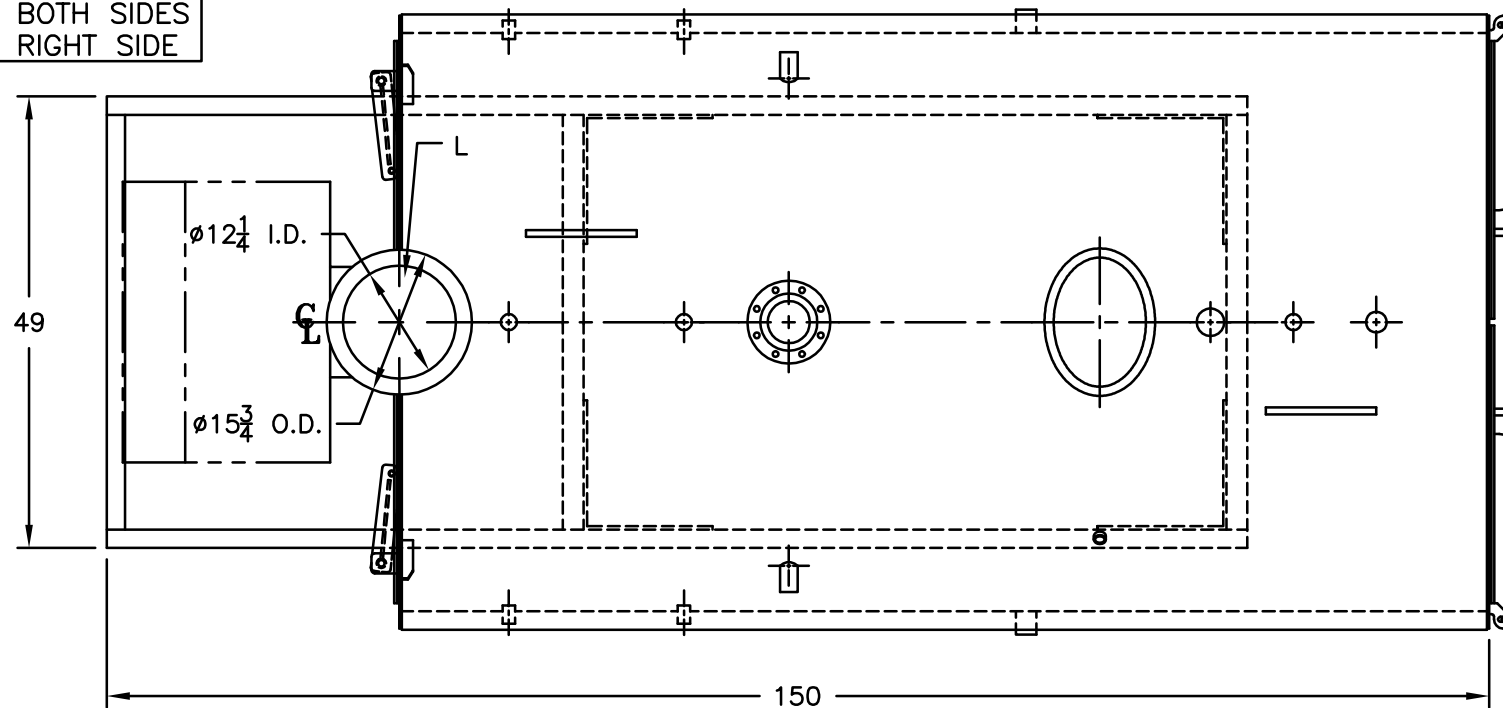
Heating Surface - Sq. Ft.  
 Fireside - 500  
 Firetubes  
 Number - 86  
 Diameter - 2.5" O.D.

Firing Rate  
 1000 BTU Gas (MBH) - 4184  
 140000 BTU/Gal Oil (GPH) - 28.8  
 150000 BTU/Gal Oil (GPH) - 26.9

Water Content  
 Pounds - 6461  
 Gallons (U.S.) - 775  
 Approximate Weight/LBS.  
 Dry - 9103  
 Wet - 15564

### LEGEND

BS = BOTH SIDES  
 RS = RIGHT SIDE



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE ALL CONNECTIONS ARE THREADED UNLESS OTHERWISE SPECIFIED  
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**MODEL 4SP-100**  
**100 BHP**  
**150 PSI STEAM**