INSTALLATION SERVICE CONNECTIONS

1. 1 1/2"-300# SAFETY VALVE CONNECTION  
   (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)
2. 1 1/2"-300# SAFETY VALVE CONNECTION  
   (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)
3. 2-1/2"-300# SAFETY VALVE CONNECTION  
   (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)  
   (∆ FOR LOW PRESSURE OPERATION ONLY)
4. 6"-300# MAIN STEAM OUTLET CONNECTION
5. 1/2" NPT DRUM VENT / AUX CONNECTION
6. FLUE GAS STACK AND TRANSITION  
   (REMOVED FOR TRANSPORT)
7. 1"-300# AUX ATOMIZING AIR / STEAM CONNECTION  
   (LOCATED BEHIND CABINET)
8. 1/2" NPT PILOT GAS CONNECTIONS (NAT OR PROPANE)
9. 3/4" NPT FUEL OIL RETURN CONN.  
   (LOCATED ON OPPOSITE SIDE OF TRAILER)
10. 1-1/2"-NPT FUEL OIL SUPPLY CONNECTION  
    (LOCATED ON OPPOSITE SIDE OF TRAILER)
11. 3"-150# FUEL GAS CONNECTION
12. 1-1/2"-300# BLOW OFF CONNECTION
13. 1-1/2"-300# LOWER DRUM HEATING COIL CONNECTIONS
14. 3/4" NPT CHEMICAL FEED CONNECTION
15. 3/4" CONTINUOUS BLOWDOWN CONNECTION  
    (LOCATED ON OPPOSITE SIDE OF TRAILER)
16. 2" NPT FEEDWATER SUPPLY CONNECTION
17. 460/60/3 POWER SUPPLY 150 AMPS

DESIGN DATA

OVERALL LENGTH: 50'-0"
OVERALL WIDTH: 8'-6"
NET WEIGHT (INCL TRAILER): 65,000 LBS
CONTINUOUS CAPACITY: 40,000 PPH
DESIGN PRESSURE: 350 PSIG
FEEDWATER TEMPERATURE: 212 DEG F
FURNACE VOLUME: 601 CU. FT.
CONVECTION HEATING SURFACE: 2885 SQ. FT.
RADIANT HEATING SURFACE: 457 SQ. FT.
TOTAL HEATING SURFACE: 3442 SQ. FT. (A.S.M.E.)
GAS SUPPLY PRESSURE: 6.5 PSIG (REGULATED BY CUSTOMER)
OIL SUPPLY PRESSURE: 30 PSIG FLOODED MAX.
FEED WATER PRESSURE: 60-100 PSIG ABOVE OPERATING PRESSURE

NOTE: A NATURAL GAS OR PROPANE PILOT IS  
REQUIRED FOR OIL
NOTE 2: PROVIDE ADEQUATE WEATHER  
PROTECTION FOR BURNER, CONTROLS  
AND PERSONNEL