36,000 PPH 300 PSI RENTAL BOILER

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

INSTALLATION SERVICE CONNECTIONS

DESIGN DATA

OVERALL LENGTH: 45'–0"
OVERALL WIDTH: 8'–4"
NET WEIGHT (INCL TRAILER): 59,500 LBS
CONTINUOUS CAPACITY: 36,000 PPH
DESIGN PRESSURE: 300 PSIG
FEEDWATER TEMPERATURE: 212 DEG F
FURNACE VOLUME: 854 CU. FT.
CONNECTION HEATING SURFACE: 3674 SQ. FT.
RADIANT HEATING SURFACE: 620 SQ. FT.
TOTAL HEATING SURFACE: 3021 SQ. FT. (A.S.M.E.)
GAS SUPPLY PRESSURE: 8.0 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