70,000 PPH 350 PSI RENTAL BOILER

POWER EQUIPMENT COMPANY
847-541-8300

INSTALLATION SERVICE CONNECTIONS

1. 3"-300# SAFETY VALVE CONNECTION
   (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)
2. 3"-300# SAFETY VALVE CONNECTION
   (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)
3. 3"-300# SAFETY VALVE CONNECTION
   (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)
   (FOR LOW PRESSURE OPERATION ONLY)
4. 8"-300# MAIN STEAM OUTLET CONNECTION
5. 1" NPT DRUM VENT / AUX CONNECTION
6. 2-1/2"-300# OPTIONAL ECONOMIZER CONNECTIONS
7. FLUE GAS STACK AND TRANSITION
   (REMOVED FOR TRANSPORT)
8. UPPER F.D. FAN HOUSING
   (REMOVABLE TO PROVIDE ADDITIONAL SHIPPING CLEARANCE (FLANGED))
9. 1 1/2"-300# AUX ATMOSIZING AIR / STEAM CONNECTION
   (LOCATED BEHIND CABINET)
10. 1/2" NPT PILOT GAS CONNECTIONS (NAT OR PROPANE)
    (LOCATED BEHIND CABINET)
11. 3/4" NPT FUEL OIL RETURN CONNECTION
    (LOCATED ON OPPOSITE SIDE OF TRAILER)
12. 1-1/2"-NPT FUEL OIL SUPPLY CONNECTION
    (LOCATED ON OPPOSITE SIDE OF TRAILER)
13. 4"-150# FUEL GAS CONNECTION
14. 1-1/2"-300# BLOW OFF CONNECTION
15. 1-1/2"-300# LOWER DRUM HEATING COIL CONNECTIONS
16. 3/4" NPT CHEMICAL FEED CONNECTION
17. 1" CONTINUOUS BLOWDOWN CONNECTION
    (LOCATED ON OPPOSITE SIDE OF TRAILER)
18. 2-1/2"-300# FEEDWATER SUPPLY CONNECTION
19. 460/60/3 POWER SUPPLY 150 AMPS
20. 3"-300# SOOT BLOWER STEAM SUPPLY CONNECTION
21. 2"-300# CHEMICAL CLEANING CONNECTION
22. 1" NPT FURNACE PRESS CONNECTION
23. WASHER
24. 1/4" NPT INSTRUMENT AIR CONNECTION

DESIGN DATA

OVERALL LENGTH: 52'-0"
OVERALL WIDTH: 10'-6"
NET WEIGHT (INCL TRAILER): 89,750 LBS
CONTINUOUS CAPACITY: 70,000 PPH
DESIGN PRESSURE: 350 PSIG
FEEDWATER TEMPERATURE: 220 DEG F
FURNACE VOLUME: 854 CF. FT.
CONVECTION HEATING SURFACE: 5647 SQ. FT.
RADIANT HEATING SURFACE: 620 SQ. FT.
TOTAL HEATING SURFACE: 4267 SQ. FT. (A.S.M.E.)
GAS SUPPLY PRESSURE: 10 PSIG (REGULATED BY CUSTOMER)
OIL SUPPLY PRESSURE: 30 PSIG FLOODED MAX.
FEED WATER PRESSURE: 75-100 PSIG ABOVE OPERATING PRESSURE
INSTRUMENT AIR PRESSURE: 50 PSIG MIN.

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