30,000 PPH 300 PSI RENTAL BOILER

INSTALLATION SERVICE CONNECTIONS

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)
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 1/2" NPT FUEL OIL SUPPLY CONNECTION (LOCATED ON OPPOSITE SIDE OF TRAILER)
10. 3"-150# FLANGED FUEL GAS CONNECTION
11. 1-1/2"-300# BLOW OFF CONNECTION (LOCATED ON OPPOSITE SIDE OF TRAILER)
12. 3/4" NPT CHEMICAL FEED CONNECTION
13. 1" CONTINUOUS BLOWDOWN CONNECTION (LOCATED ON OPPOSITE SIDE OF TRAILER)
14. 1-1/2" FEEDWATER SUPPLY CONNECTION (FEMALE)
15. 460/60/3 POWER SUPPLY 60 AMPS

DESIGN DATA

OVERALL LENGTH: 40'-0"
OVERALL WIDTH: 8'-0"
NET WEIGHT (INCL TRAILER): 56,035 LBS
CONTINUOUS CAPACITY: 30,000 PPH
DESIGN PRESSURE: 300 PSIG
FEEDWATER TEMPERATURE: 220 DEG F
FURNACE VOLUME: 962 CU. FT.
CONVECTION HEATING SURFACE: 4777 SQ. FT.
RADIANT HEATING SURFACE: 651 SQ. FT.
TOTAL HEATING SURFACE: 2351 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