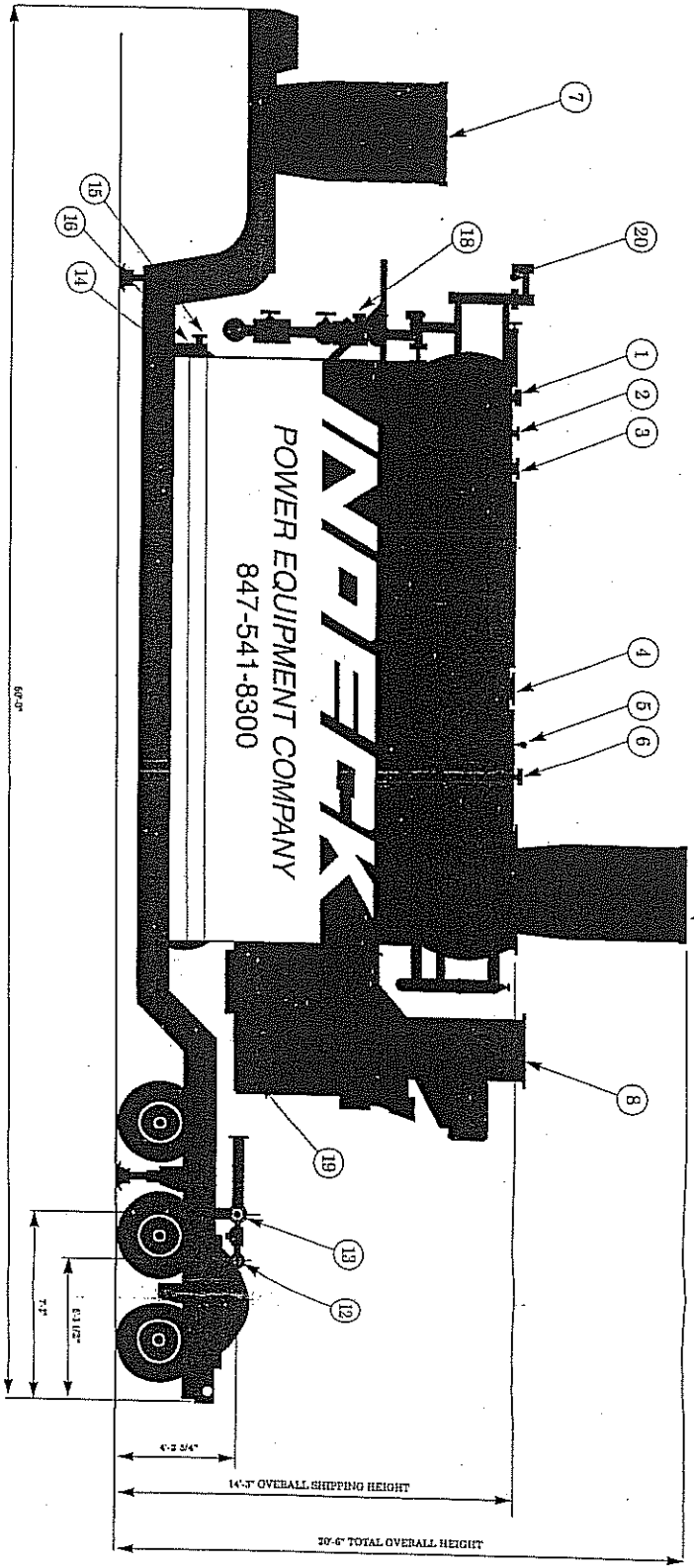


**UNIT REFERENCE:**

- 76L 14-00097
- 76D 14-00098
- 79L 14-09220
- 80L 14-09221
- 81L 14-09262
- 82L 14-09263

# 60,000 PPH RENTAL BOILER



### INSTALLATION SERVICE CONNECTIONS

1. 2" 300# SAFETY VALVE CONNECTION (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)
2. 2 1/2" 300# SAFETY VALVE CONNECTION (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)
3. 4" 300# SAFETY VALVE CONNECTION (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT (& NON LOW PRESSURE OPERATION ONLY))
4. 6" 300# MAIN STEAM OUTLET CONNECTION
5. 1/2" NPT DRUM VENT / AUX CONNECTION
6. 2" 300# OPTIONAL ECONOMIZER CONNECTIONS
7. FLUE GAS STACK AND TRANSMISSION (REMOVED FOR TRANSPORT)
8. UPPER P.D. FAN HOUSING (REMOVABLE TO PROVIDE ADDITIONAL SHIPPING CLEARANCE (PLANED))
9. 7" NPT AXIATORING AIR/STEAM CONNECTION (LOCATED BEHIND CABINET)
10. 1/2" NPT PILOT GAS CONNECTIONS (MAY OR PROHIBED (LOCATED ON PILOT PIPING))

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" 160# FUEL GAS CONNECTION
14. 1 1/2" 300# BLOW OFF CONNECTION
15. 1 1/2" 300# LOWER DRUM HEATING COIL CONNECTIONS
16. 1/2" NPT CHEMICAL FEED CONNECTION
17. 1" CONTINUOUS BLOWDOWN CONNECTION (LOCATED ON OPPOSITE SIDE OF TRAILER)
18. 2 1/2" 300# FRESHWATER SUPPLY CONNECTION
19. 4000GA POWER SUPPLY 180 AMP
20. 1/4" NPT INSTRUMENT AIR CONNECTION

### DESIGN DATA

OVERALL LENGTH:	58'-0"
OVERALL WIDTH:	10'-10"
NET WEIGHT (NO. TRAILER):	85,760 LBS
CONTINUOUS CAPACITY:	60,000 PPH
DESIGN PRESSURE:	340 PSIG
-FEEDWATER TEMPERATURE:	212 DEG F
FURNACE VOLUME:	992 CU. FT.
CONVECTION HEATING SURFACE:	4777 SQ. FT.
RADIANT HEATING SURFACE:	661 SQ. FT.
TOTAL HEATING SURFACE:	5,438 SQ. FT. (A.S.M.E.)
GAS SUPPLY PRESSURE:	8.12 PSIG (REGULATED BY CUSTOMER)
OIL SUPPLY PRESSURE:	FLOODED TO 30 PSIG MAX.
FEED WATER PRESSURE:	78-100 PSIG ABOVE OPERATING PRESS.
INSTRUMENT AIR PRESSURE:	60 PSIG MIN.

NOTE 1: A NATURAL GAS OR PROPANE PILOTS REQUIRED FOR OIL.  
 NOTE 2: PROVIDE ADEQUATE WEATHER PROTECTION FOR BURNER, CONTROL, AND PERSONNEL.

TRAILER: 80072-300