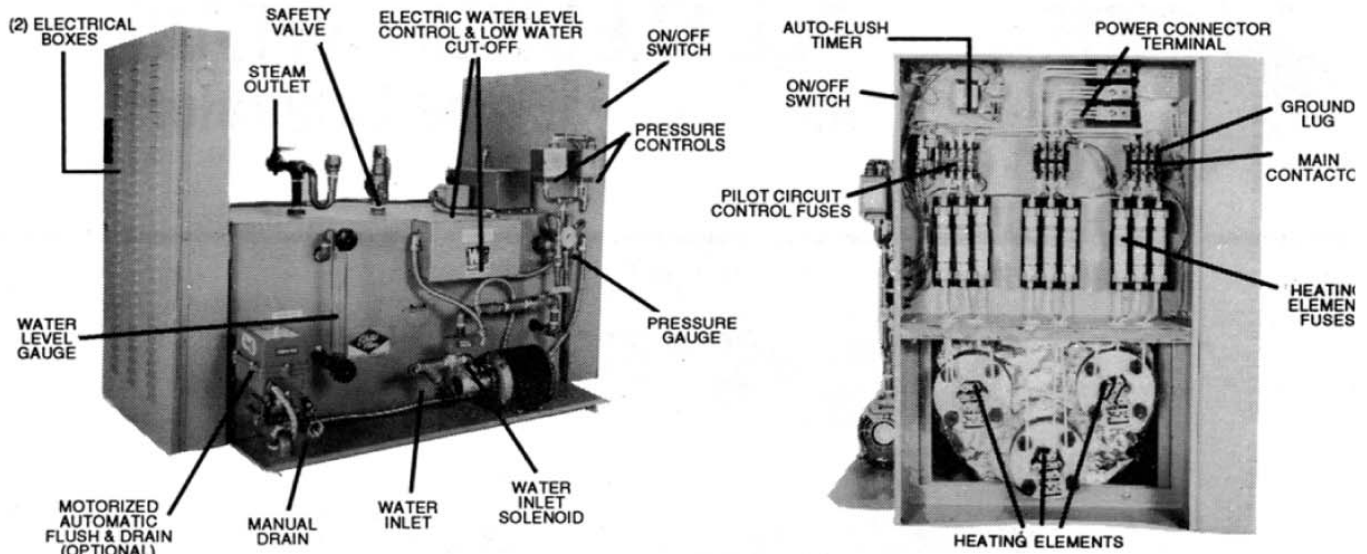


# TECHNICAL DATA & SPECIFICATIONS (LB SERIES) ELECTRIC STEAM GENERATOR



| MODEL NUMBER                          |        | LB-100  | LB-120  | LB-150  | LB-180  | LB-240  |
|---------------------------------------|--------|---------|---------|---------|---------|---------|
| Electric Plating                      | KW     | 100     | 120     | 150     | 180     | 240     |
| Developed Boiler Horsepower           | BHP    | 10      | 12      | 15      | 18      | 24      |
| *Steam Capacity (from & at 212°F)     | LB/HR  | 345     | 414     | 517     | 621     | 828     |
| Gross BTU Output (100% Rating)        | BTU/HR | 334,800 | 402,000 | 502,300 | 602,600 | 804,000 |
| Number of Sections                    | Units  | 1       | 1       | 1       | 1       | 1       |
| <b>DIMENSIONS**</b>                   |        |         |         |         |         |         |
| Height, Overhaul (Including Fittings) | Inches | 37      | 37      | 37      | 37      | 37      |
| Length, Overhaul (Including Fittings) | Inches | 52      | 52      | 52      | 52      | 52      |
| Width, Overhaul (Including Fittings)  | Inches | 29      | 29      | 29      | 29      | 29      |
| Amperpage 3ø/208-204V                 | AMPS   | 278     | 334     | 417     | 500     | 668     |
| Amperpage 3ø/440-480V                 | AMPS   | 132     | 158     | 197     | 237     | 316     |
| Water Inlet                           | Inches | 3/8     | 3/8     | 3/8     | 3/8     | 1/2     |
| Steam Outlet High                     | Inches | 3/4     | 3/4     | 3/4     | 3/4     | 3/4     |
| Steam Outlet Low                      | Inches | 3/4     | 1       | 1 1/4   | 1 1/2   | 1 1/2   |
| Shipping Weight H.P. Model            | LB     | 800     | 800     | 800     | 800     | 800     |
| Shipping Weight L.P. Model            | LB     | 675     | 675     | 675     | 675     | 675     |

We reserve the right to make changes without prior notification.

## SUGGESTED SPECIFICATIONS

The Fully Automatic All Electric Steam Generator as called for under requirements of this specification shall be as manufactured by The Electro-Steam Generator Corporation or equal and shall meet all of the following requirements:

- Generator shall be constructed under the A.S.M.E. Power Code - Section 1 Part PMB (Miniature - 100 lbs. P.S.I.)
- Each generator shall be shop inspected and stamped by a National Board of Boiler and Pressure Vessels authorized inspector.
- ELECTRIC HEATERS shall be immersion resistance type-with incoloy (stainless) sheathing. Entire element brazed into removable standard 150 lb. test-forged steel flange.
- U.L. & C.S.A. LISTING - shall cover complete Electric Steam Generator Package with all electric controls mounted on generator - not acceptable with U.L. & C.S.A. on electric controls only.
- Standard boiler trim plus combination water and pump controller- adjustable steam pressure control.
- All equipment and controls shall be mounted and wired as a complete single package requiring only city water connection, drain line and electric line service at point of installation.

## ADVANTAGES OF ELECTRIC STEAM

- INSTANT STEAM - "Push Button" Steam in less than 10 minutes.
- SAFETY FIRST**
  - NO open flame
  - NO fumes
  - NO combustible fuel
  - NO fuel storage
  - NO long hot steam lines
  - Completely automatic
- LOWER INSURANCE RATES
- NO HEAT - Radiates little or no heat, making it ideal for crowded areas, air-conditioned rooms, etc.
- ELIMINATES - Normal boiler installations - no chimney - no long steam lines - no enclosures just connect to electric service, drain line and city water line.
- 98% EFFICIENCY.
- HIGH QUALITY - steam at all times; ideal for use where heavily saturated - "wet" steam has cause difficulties.
- INSTALLS WHERE YOU WANT STEAM - Locate generator next to point of use.

## ELECTRICAL SPECIFICATION - ALL MODEL

1. **STANDARD UNITS** - AC - 208-240/120 volts, 6 cycle, 3 phase or 440-480/120 volts.

2. **SPECIAL ELECTRICAL REQUIREMENTS** - 550 volts-50 cycle - etc. special order upon request. SPECIFY CURRENT CHARACTERISTIC (voltage cycle-phase).

### \*\*Note No. 1

All units require an additional 18" of floor space (width) for ideal plumbing connections and service

### \*\*Note No. 2

All units require an additional 36" clearance at each end for opening of electric panel boxes and servicing of electric heaters.

