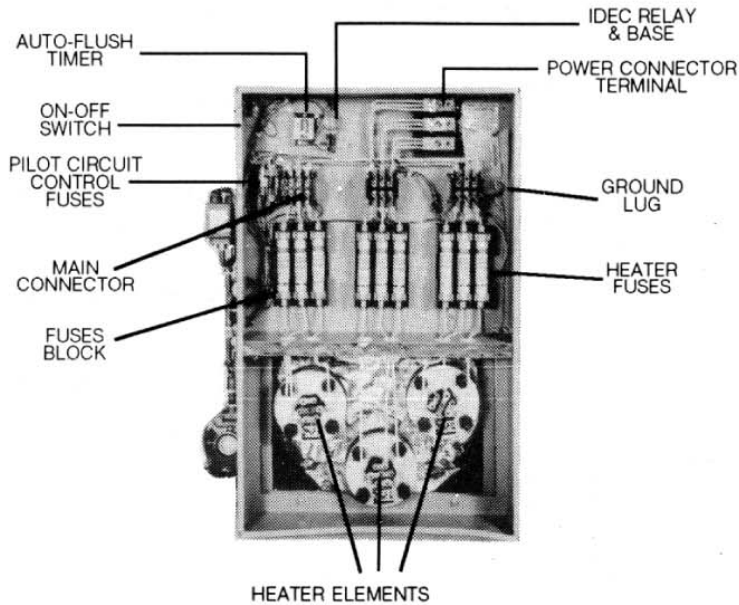


# TECHNICAL DATA & SPECIFICATIONS (LB SERIES) ELECTRIC STEAM GENERATOR



## SPECIFICATIONS

Amps 208-240/120 30 (Heat-Up)	209
Amps 440-480/120 30 (Heat-Up)	99
B.H.P. (Boiler Horse Power)	7.5
Steam Capacity (from & at 212°F)	258 LB/HR
Tank Capacity (Gallons)	25
Electrical Heating Capacity (KW)	75
Output (BTU per hour)(thousands)	268
<b>Dimensions (inches):**</b>	<b>Width</b> 28
Length	52
Height	37
<b>Shipping Weight (lbs):</b> Low Pressure	625
High Pressure	800

*\*From and at 212°F denotes steam output with 212°F feedwater. Lower temperatures reduce steam output accordingly. We do not recommend feedwater temperature above 140°F unless special hot water pump is provided. Contact our office with any questions.*

## ADVANTAGES OF ELECTRIC STEAM

1. INSTANT STEAM - "Push Button" Steam, in less than 10 minutes.
2. SAFETY FIRST
  - a. NO open flame
  - b. NO fumes
  - c. NO Combustible fuel
  - d. NO fuel storage
  - e. NO long hot steam line
3. LOWER INSURANCE RATES
4. NO HEAT - Radiates little or no heat, making it ideal for crowded areas, air-conditioned rooms, etc.
5. ELIMINATES normal boiler installations - no chimney - no long steam lines - no enclosures - just connect to electric service, city water line and drain line.
6. 98% EFFICIENCY.
7. HIGH QUALITY steam at all times: ideal for use where heavily "wet" steam has caused difficulties
8. INSTALLS WHERE YOU WANT STEAM - Locate generator next to point of use.

## SUGGESTED SPECIFICATIONS

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

1. Generator shall be constructed under the A.S.M.E. Power Code - Part PMB (Miniature- 100 lbs. P.S.I.)
2. Each generator shall be shop inspected and stamped by a National Board of Boiler and Pressure Vessels authorized inspector.
3. HEATING ELEMENT CONSTRUCTION- Nicrome 80-20% wire rod with compacted magnesium oxide, sheathed in an incoloy (stainless) tube. Entire element is silverbrazed into a removable flange fitting.
4. 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. and E.T.L. on electric controls only.
5. Standard boiler trim plus combination water and pump controller - adjustable steam pressure control.
6. All equipment and controls shall be mounted and wired as a complete single package requiring only city water connection and electric line service and drain

## ELECTRICAL SPECIFICATIONS

### ALL MODELS

1. STANDARD UNITS - AC- 208-240 volts, 60 cycle/3 phase.
2. 440-480 VOLTS - available in 3 phase
3. SPECIAL ELECTRICAL REQUIREMENTS -550600 volts, 50 cycle - etc. special order upon request. SPECIFY CURRENT CHARACTERISTICS (voltage cycle-phase).

\*\*Note No. 1

Unit requires an additional 18" of floor space (width) for ideal plumbing connections and service.

\*\*Note No. 2

Unit requires an additional 36" clearance at front for opening of electric panel box and servicing of electric heater elements.



ASME  
ETL



Nat'l Bd.  
PVI