

“LITTLE GIANT” MODELS LG-10 thru LG-30

ALL ELECTRIC STEAM A.S.M.E. PACKAGE GENERATORS



GENERAL DESCRIPTION-The Electro-Steam generator is a factory assembled and wired unit complete with all necessary automatic controls. Each unit is constructed under the A.S.M.E. Boiler and Pressure Vessel Code-Section 1 -Part PMB (Miniature Boilers). Each generator is individually inspected by an authorized insurance company Boiler Inspector-holding a National Board Commission-and is stamped with a NATIONAL BOARD number, is U.L., ETL, C.S.A. listed and meets OSHA requirements. Each generator is composed of one section with a steam space in the upper part. Heat source is All-Electric removable stainless immersion heaters inserted horizontally. All generators are completely jacketed in aluminum backed fiberglass blanket insulation and encased in a 20 gauge sheet metal cabinet finished in baked enamel. Due to the absence of an impinging flame on the tube the flameless nature of electric heat-and EXPANSION AND CONTRACTION of electric heater rod-sheathing (due to frequent ON/OFF OPERATION DESIGN)-the SCALING action normally encountered in combustion type boilers is minimized.

HEATING ELEMENT CONSTRUCTION-Nicrome 80-20% wire rod with compacted magnesium oxide, sheathed in an incoloy (stainless) tube. Entire element is silver-brazed into a removable flange fitting.

EQUIPMENT-Standard equipment consists of steam pressure gauge, A.S.M.E. approved safety valve, steam outlet valve, blow down valve, two (2) water feed line check valves, visual water gauge, complete controls (see below) and all interconnecting pipe and fittings fully mounted and connected at the factory.

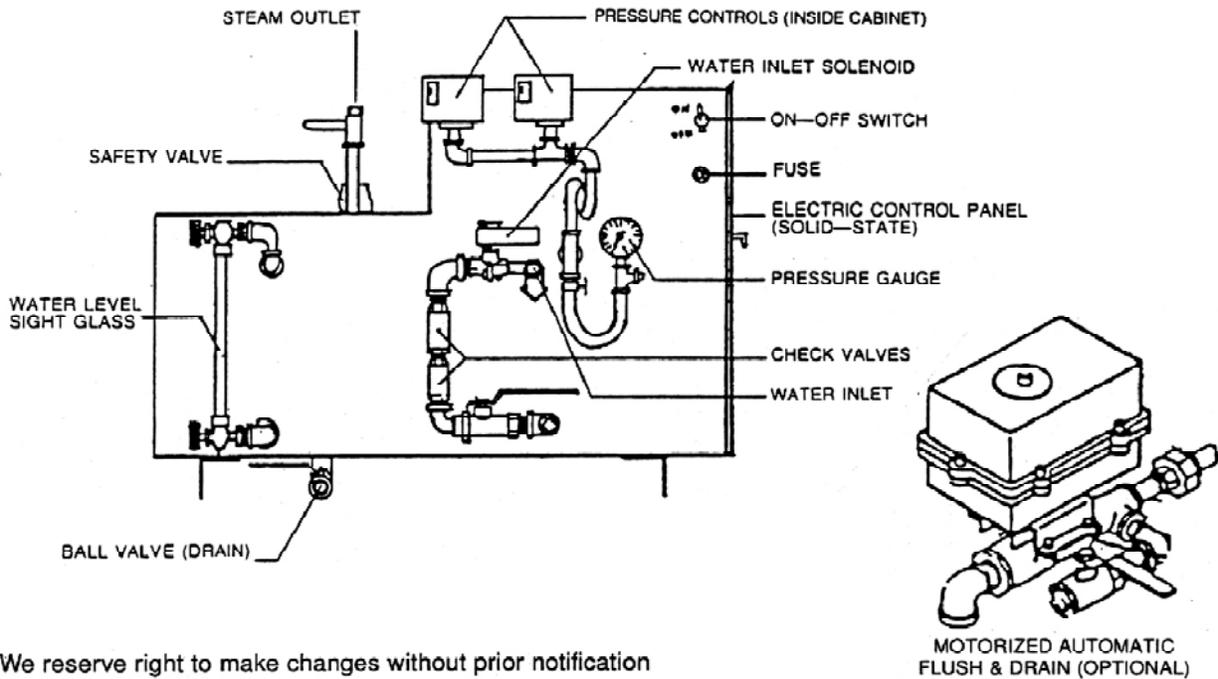
CONTROLS

Low Pressure Package (0-15 and 0-30 PSI)- Dual pressure controls, water level control and low water cut off, steam pressure control adjustable for desired working pressure and a magnetic stop valve with strainer on water feed line.

High Pressure Package (0-100 PSI)- Dual high pressure pump controls, water level control and low water cut off, steam pressure control adjustable for desired working pressure, direct motor driven pump equipped with thermal overload protection and a magnetic stop valve with strainer on water feed line.

Electric Controls - All above controls are wired at factory to integral control box, operated by single "On-Off" pilot switch, complete and ready for electrical line service at point of installation.

Certification



We reserve right to make changes without prior notification

TECHNICAL DATA

MODEL NUMBER	LG-10	LG-15	LG-20	LG-25	LG-30
Electric Rating KW	10	15	20	25	30
Developed Boiler Horse Power BHP	1.0	1.5	2.0	2.5	3.0
Steam Capacity* (From & At 212° F)	34.5	51.7	69.0	86.2	103.5
Gross BTU Output BTU/HR	33,500	50,300	67,000	83,700	100,400
Number of Sections Units	1	1	1	1	1
DIMENSIONS**					
Height, Overall Inches	24 ½	24 ½	24 ½	24 ½	24 ½
Length, Overall Inches	26	26	26	26	26
Width, Overall Inches	19	19	19	19	19
Amperage 30 208V AMPS	28	42	56	70	84
Amperage 30 480V AMPS	13	19	25	31	37
Water Capacity GAL	4	4	4	4	
Shipping Weight-Low Pressure LBS	175	175	175	175	175
Shipping Weight-High Pressure LBS	200	200	200	200	200