

## COST OF INSTALLATION.

It costs much less to equip a building with a first-class generator and appliances necessary for its use than most people imagine. Ordinary gas pipe is used to convey the gas from the generator to any part of the building desired. Ordinary gas fixtures of various designs can be had at all prices. If gas piping and fixtures are already installed in the building, all that is required in using them with acetylene is to substitute an inexpensive acetylene burner in place of the coal gas tip. Any mechanic can fit the pipe together and put it in place, attaching fixtures to same.



## COST OF OPERATION.

The cost of acetylene light is less than one-half cent per hour for each twenty-five candle power light while burning. A one-half foot acetylene burner consumes one-half foot of acetylene gas per hour and gives a light of twenty-five candle power. Carbide can be obtained at convenient warehouses which are located at large shipping centers in each State.

## OTHER INFORMATION.

The "EAGLE" AUTOMATIC ACETYLENE GENERATOR is shipped all ready to be connected to piping in building. Plain instructions are sent with each machine which are so simple that any one can put it in operation.

Should our regular catalogue fail to reach you with this circular, write for it. It contains much detailed information about acetylene that will interest you.

In writing for prices for generators state the number of lights that are ordinarily burning, and the number of hours lighting required each evening. State the character of building; if possible, send a plan or dimensions of it. With this information we can decide about what size generator is best adapted to your needs, and can quote you prices on everything necessary to equip the building and install plant therein.

CHARLES E. GORTON.

# **EAGLE** Automatic Acetylene Generators

...ARE PERFECT...

Over 10,000 Machines Sold.

**EAGLE GENERATOR CO.**

312 N. 11th Street,

ST. LOUIS, MO., U. S. A.



THE first Acetylene machine ever manufactured and placed on the market in America was the

## **“EAGLE”**

# **Automatic Acetylene Generator.**

It is not an experiment, but is manufactured by experts who have been in the business for over six years. Ours was the first factory ever established to manufacture Acetylene gas machines. We have kept abreast with improvements; the **“EAGLE”** Generator to-day we can absolutely guarantee is the most perfect on the market.

  

### **DESCRIPTION**

The **“EAGLE”** Generator is a self-contained gas lighting plant, constructed of heavy galvanized steel, is durable and compact, simple and automatic. It consists of a gas holder, and connected thereto is one or more carbide holders or generators.

The method of gas generation is absolutely automatic, clean, cool, safe and economical; the work of recharging the machine is simple and convenient, the time required to do so being only a few minutes. The carbide charge is subdivided into various compartments in a pan, no compartment containing more than two pounds of carbide; the water is automatically fed when required into the carbide chamber and never comes in contact with more than two pounds of carbide. When one compartment is exhausted the water overflows automatically into the next; this operation is continued until the entire charge is consumed. The residue is removed by simply loosening the hand screw, taking out the crossbar, lifting out the water seal cover, when the pans containing the residuum can be easily withdrawn. With each generator a duplicate set of pans are furnished; these can be ready charged to be placed in the carbide holder when the ones with the exhausted charge are removed.

No mechanical manipulation is necessary to operate the generator, no valves to open or close.

**THE QUANTITY OF GAS PRODUCED IS REGULATED WITH ABSOLUTE PRECISION BY THE QUANTITY OF GAS USED.**

The Automatic Water Valve opens only when the gas bell is down, causing the disc and weight to bear on it. While the valve is open the water flows into the carbide chamber, gas is instantly generated, the storage bell rises, thus releasing the pressure on the water valve, which immediately stops the flow of water. The bell has ample capacity to store all the surplus gas that can be generated under every condition.

No more mechanical skill or time is required to take care of a generator supplying fifty burners than is necessary to clean or fill an ordinary coal oil lamp.

  

### **GUARANTEE.**

The Eagle Generator Co. guarantees its products. Any article made by us and found defective may be returned and the price received therefor will be promptly refunded. All claims must be made within thirty days.