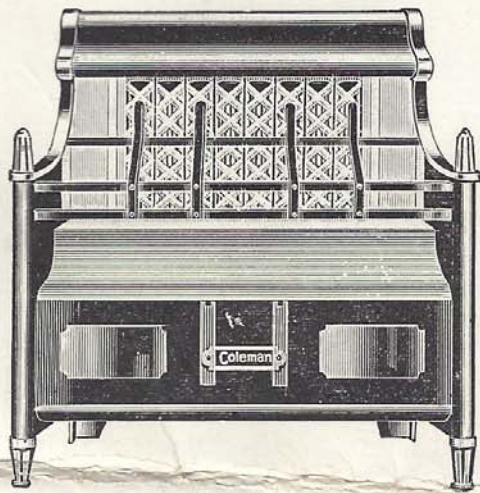


Coleman
TRADE MARK REG.
Radiant Heater

Directions

for Model No. 2

(Save for Reference)



Made by

The Coleman Lamp & Stove Co.

Formerly The Coleman Lamp Company

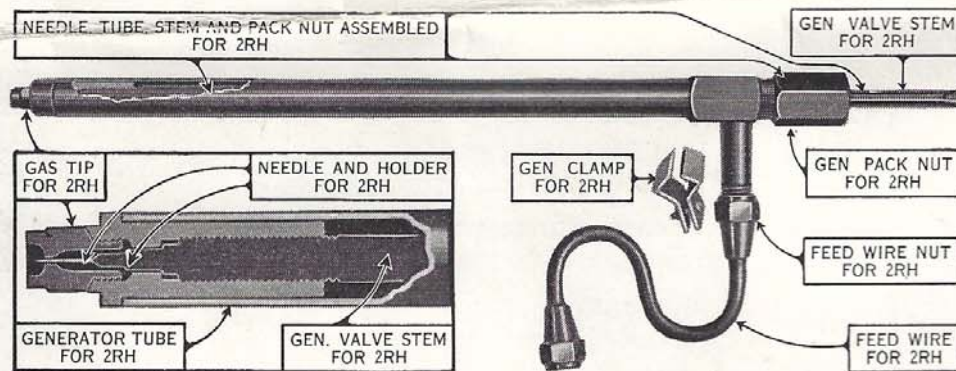
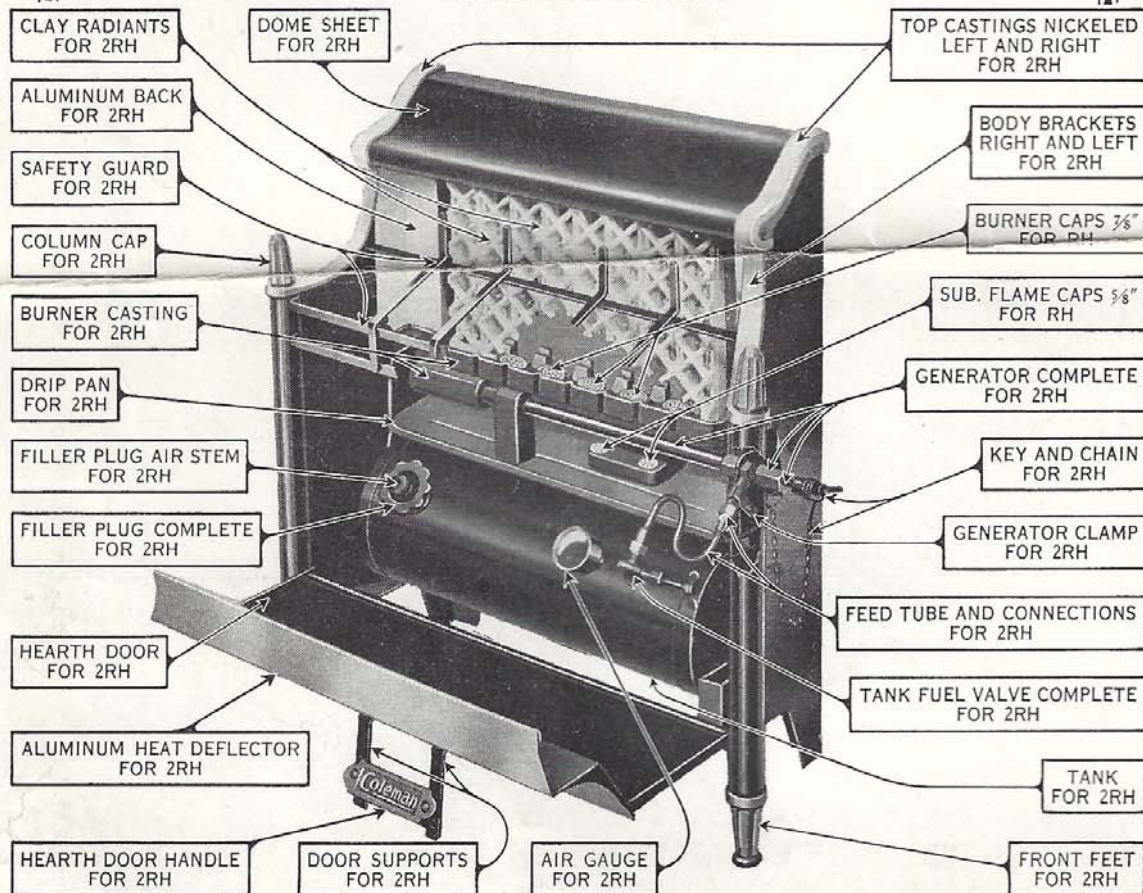
Factory and General Offices: Wichita, Kansas
Branches: Philadelphia, Chicago, Los Angeles
Canadian Factory: Toronto, Ontario

Illustration of Parts

Coleman Radiant Heater

TRADE MARK, REG.

Model No. 2



List of Parts with Prices for **Coleman Radiant Heater**

Model No. 2

Prices Subject to Change Without Notice Net Retail
Price

2RH Tank with Filler Plug, Air Gauge, Fuel Valve.....	\$5.70
2RH Filler Plug.....	.75
2RH Fuel Valve.....	.90
RH Air Gauge.....	1.20
2RH Feed Wire and Connections.....	.42
RH Pump.....	1.35
2RH Clay Radiants.....	.30
2RH Generator, Complete.....	2.40
2RH Generator Valve Stem, Pack Nut and Needle.....	1.00
2RH Alcohol Torch.....	.96
2RH Key and Ring.....	.12
2RH Chain only for Key.....	.12
2RH Gas Tip.....	.09
2RH Main Flame Burner Caps ($\frac{7}{8}$ inch) Each.....	.09
2RH Sub Flame Burner Caps ($\frac{5}{8}$ inch) Each.....	.09
2RH Burner Casting and Lava Caps.....	2.70
2RH Nickeled Cast Leg Trimmings (upper).....	.48
2RH Nickeled Cast Leg Trimmings (lower).....	.48
2RH Door Handle, complete.....	.60
2RH Door Handle Casting only.....	.30
2RH Aluminum back wall.....	2.10
2RH Drip Pan.....	1.00
2RH Drain Cock.....	.36
2RH Door, complete.....	3.00
2RH Door, less Handle.....	2.40
2RH Door, less Handle and Hearth Deflector.....	1.20
2RH Aluminum Hearth Deflector.....	1.05
2RH Carrying Handle.....	.48
2RH Special Wire Connection for attaching Large Pressure Tank.....	.24

Start Here—Read Down

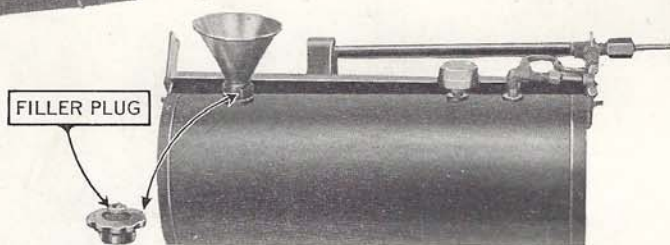
1 To Fill



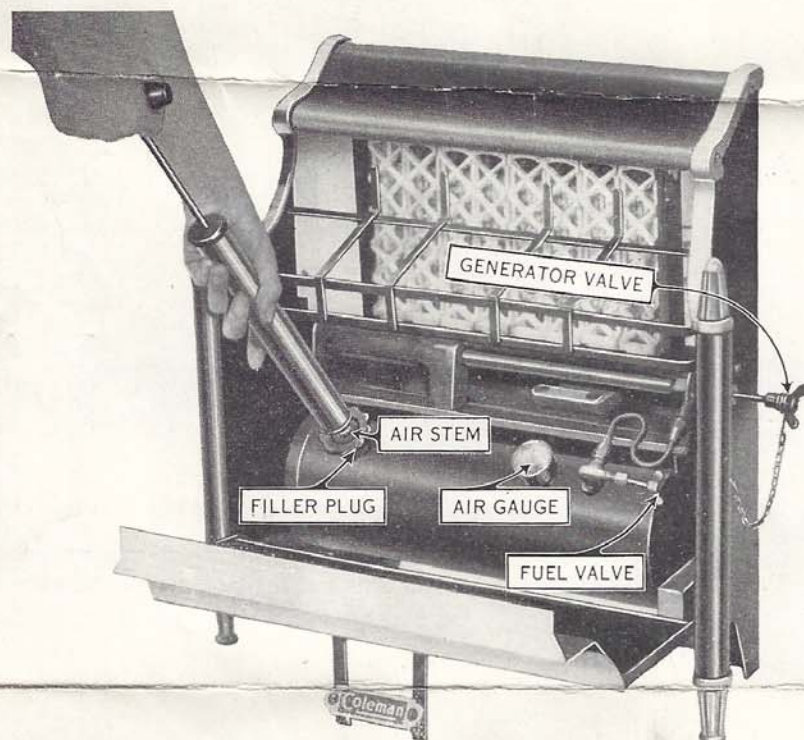
Open stove door and take out tank. (It is always best to fill tank out of doors.) See that fuel and generator valves are closed.

Remove *filler plug* by turning to left. Insert funnel and fill tank as illustrated. (Capacity, one gallon.)

Replace *filler plug* and tighten firmly by hand. (Do not use wrench.) Place tank back in stove and be sure that it is firmly in place.



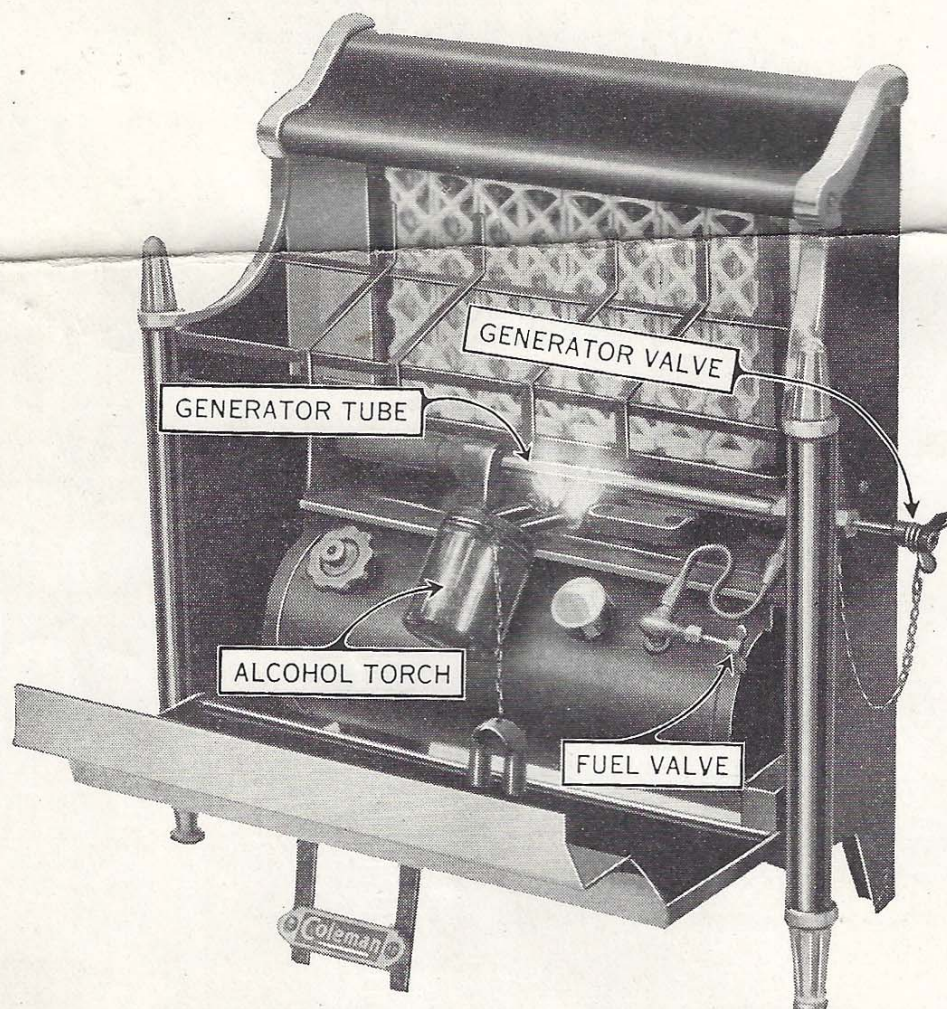
2 To Pump



Be sure *fuel valve* and *generator valve* are closed tightly to right. Then loosen *air stem* one turn to the left.

Now pump until *air gauge* reads 15 pounds. Then tighten *air stem*.

3 To Light



Remove snuffer cap from the end of the two barrels on the torch lid. Then light both barrels of torch.

Now hang lighted torch over edge of tank shelf, just under the left end of the *generator tube*.

Then open *fuel valve* about two turns to left.

Allow torch to burn 3 minutes (use a watch, give it full 3 minutes).

Then open *generator valve* about 7 turns to left before removing torch.

Now light each radiant at base with torch. (Be sure that the two sub-burners beneath generator tube are lighted, also.)

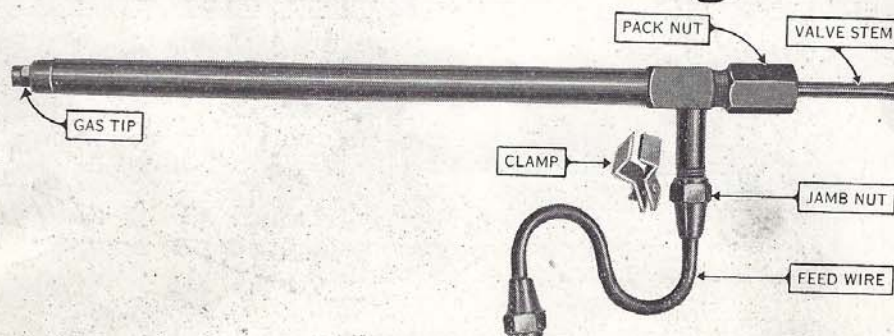
By turning the generator valve the flame can be regulated from a low blaze to an intense heat radiation.

Note—If heater burns with a yellow flame, liquid gasoline has accumulated in the *burner casting*. Close *generator valve* and take out *tank*. Then open *drain-cock* (located underneath burner casting). Catch gasoline in a cup. Close *drain-cock*. Replace *tank* and repeat lighting operation.

To Shut off Heater

Turn *fuel valve* to right until closed. Then turn *generator valve* to right until closed.

Generator Cleaning Data



When a *generator* becomes stopped by dirt or carbon and fails to operate satisfactorily, it needs cleaning or replacing with another *generator*. Should you care to *clean the generator yourself*, follow these directions:

First—Close *fuel valve*. Disconnect *feed wire* at *jamb nut*. Loosen *clamp* and remove *generator*.

Second—Remove *valve stem* by unscrewing *pack-nut*. Scrape *valve stem* clean of carbon. Remove *gas tip* by unscrewing to left. Use a number nine wire as a scraper to loosen carbon in *generator tube*. Rinse tube in gasoline and blow out with *pump*.

Third—Put *generator* together again, using new *gas tip* and *cleaning needle* supplied with heater.

Fourth—Place *generator* back in heater and tighten *clamp* to hold it in position.

To Have Generator Cleaned by Dealer or Factory—

If you do not care to clean your *generator* yourself, you can take it to your dealer. He will clean it for you at a nominal charge. If for any reason he cannot do so, you can send it to the Coleman Factory or to one of its branches and it will be promptly cleaned and returned to you. Keep an extra *generator* for convenience as it bears the same relation to the stove as an extra tire does to an automobile and insures continuous service.

What to Do

If Heater burns yellow or smokes—

Cause—Burner flooded with gasoline.

Remedy—Close *generator valve* and take out tank, then drain burner by opening drain cock (located underneath burner casting). *Catch gasoline in cup*. Close drain cock.

Cause—Improper generation.

Remedy—Read and follow Sec. 3 of directions closely.

Cause—Enlarged gas tip.

Remedy—Put in new gas tip.

If Heater doesn't burn at all—

Cause—*Generator tube* may be stopped up by dirt or carbon.

Remedy—Clean or replace *generator tube*.

Cause—*Fuel valve* may be closed.

Remedy—Open *fuel valve* as instructed in Section 3.

Cause—No fuel or lack of air pressure.

Remedy—See that tank contains clean fuel, then pump to 15 lbs. pressure.

If Leaks develop in gasoline line or generator tube—

Cause—Cross threads in Jamb Nut connections.

Remedy—Replace parts so damaged.

Cause—Damaged valve seats.

Remedy—Replace valve that leaks.

Cause—Loose connections.

Remedy—Tighten connections with wrench when heater is cold.

If Generator tube lasts only short time—

Cause—Continued careless lighting causes formation of carbon.

Remedy—Read and follow Section 3 of directions more closely.

Cause—Dirty gasoline.

Remedy—Strain through a piece of felt or double thickness of flannel when filling.

If Water gets mixed with gasoline—

Remove filler plug to let out air pressure. Use Coleman Siphon to remove gasoline. After all gasoline containing water has been removed, refill tank with clean fuel and proceed with lighting as per directions.

NOTE—Do not use the kind of gasoline that is made by mixing casing head gasoline with low grades of naphtha, kerosene or lubricating oils, as it contains a high percentage of heavy oils that will not vaporize. This produces an offensive odor and quickly stops up the generator.

A flue collar attachment may be obtained either through your dealer or by writing the nearest branch of The Coleman Lamp Co.

How the Coleman Radiant Heater makes its own gas

This Heater makes its own gas from any good grade of clean motor gasoline. The method is simple and interesting. The fuel is contained in an air-tight, heavy gauge tank. It is forced by air pressure through the generator tube which is kept at a high temperature by the sub-burner flame. It is in this heated vaporizing tube (called generator) that the gasoline is changed into gas. The gas tip orifice permits the escape of only enough gas to form the proper mixture with the air in the mixing chamber. It passes into the burner casting and upward through the burner tips where it burns with an extremely hot, clean flame.

You are burning practically the same substance in a Coleman Radiant Heater that you would in a natural gas stove. Natural gas is a Hydrocarbon compound formed in the earth. Vaporized gasoline is a manufactured Hydrocarbon that produces a clean, blue flame with no odor.

And a Coleman Radiant Heater sets well in a fireplace, where it gives the same efficient service as a natural gas heater.

The Coleman Line

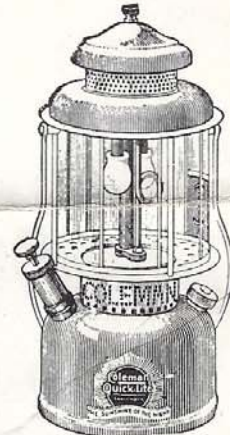
of Gas Pressure Appliances

for

**Lighting
Heating
Cooking**



C329 LAMP

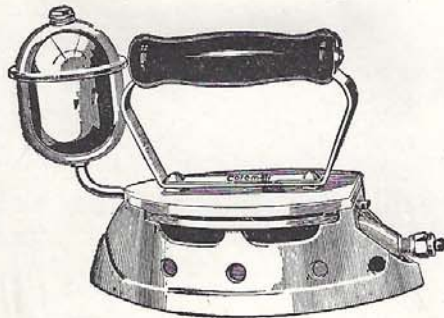


L427 LANTERN

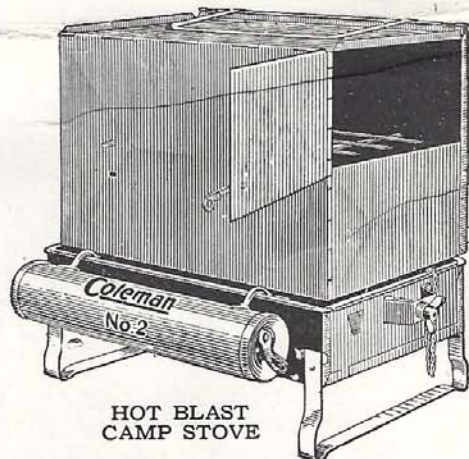
*Gas
service
wherever
you
live*



*Known
and
used the
world
over*



SELF-HEATING IRON



HOT BLAST
CAMP STOVE