

DIRECTIONS

for the Operation of

Coleman

CABIN STOVE

INSTANT-LIGHTING

Model No. 375



Always use a good grade of fresh, clean, untreated gasoline.

Ask your dealer for a list of gasolines sold in your state which have been tested and found satisfactory for use in Pressure Gas Lamps, Lanterns, Stoves, Irons, etc., or write direct to the United Laboratories, 240 N. St. Francis Street, Wichita, Kansas.



Made in U. S. A. By

The Coleman Lamp and Stove Company

General Offices: WICHITA, KANSAS

Branches: CHICAGO, PHILADELPHIA, LOS ANGELES

Factories: WICHITA, CHICAGO, and TORONTO, CANADA

Carefully Follow These Directions

TO OPERATE STOVE MODEL NO. 375

If you will do this, you will avoid difficulties that result from incorrect operation, which are due to no fault of the stove

1. To Fill

CAUTION: Do Not fill stove near a lighted lamp or open flame. Be careful not to spill fuel.

1. See that Instant-Gas Valve and Generator Valve are closed.
2. Remove Filler Plug and fill Tank. Use fresh, clean, untreated gasoline.
3. Replace and tighten Filler Plug.
Do Not use wrench.

2. To Pump

1. **CAUTION:** Be sure Instant-Gas Valve and Generator Valve are closed.
2. Then unscrew Filler Plug Air Stem, two complete turns to the left.
3. Place pump nipple in opening of Filler Plug Air Stem and pump 35 to 50 full strokes of air in Tank, which results in from 20 to 25 pounds air pressure.

Note: If the pressure gauge is wanted order same from parts list and install thus: Release air pressure from tank. Unscrew gauge bushing plug, turn to the left. Put soap on threads of air gauge and screw into bushing. Be sure this connection is tight.

4. Turn Filler Plug Air Stem to the right with fingers. Do not use pliers or wrench.

(As fuel is consumed it will be necessary to pump additional air into the tank. At least one pumping before all fuel is exhausted.)

3. To Light Master Burner Only

1. Check to see that Tank contains sufficient fuel and air. Also that Instant-Gas Valve and Generator Valve are CLOSED.
2. Open Instant-Gas Valve $\frac{1}{4}$ Turn to Left, (Until Safety Lock locks in Valve Wheel). Next open Generator Valve and light Master Burner. After burning one minute hold down Safety Lock and open Instant-Gas Valve as FAR AS POSSIBLE.

Note: If flame is weak, pump additional pressure into Tank. Best results will be obtained if Generator Valve is not opened wide until stove has been burning several minutes.

3. A yellowish, smoky flame usually denotes liquid gasoline in Burner Manifold. If through improper lighting or operation, Burner Manifold should obtain some liquid gasoline, close Instant-Gas Valve and Generator Valve, then when flame is out, unscrew drain cap and drain liquid into a receptacle and throw away. Now relight stove as directed in Sections 1 and 2 of this Paragraph.

4. To Light Auxiliary Burners

1. Open Generator Valve wide enough so that there is an extra supply of gas to produce a strong flame on Master Burner.
2. To light any or all of the Auxiliary Burners turn Auxiliary Valve Wheel of burner desired to left and light burner just like city gas.

5. To Turn Stove Out

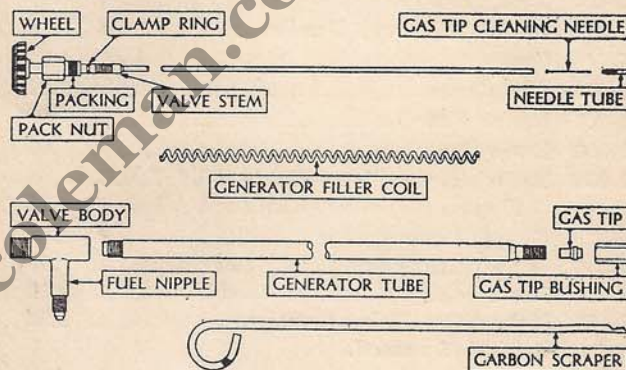
1. Close all Auxiliary Valves to right.
2. Turn the Instant-Gas Valve wheel to right until closed. Then immediately open it $\frac{1}{4}$ turn to left or to the Safety Lock.

3. Allow the stove to burn on the Instant-Gas mixture for about one minute, thus clearing the Fuel Tube, Generator and Burners of the heavier parts of the gasoline.

4. Now close the Instant-Gas Valve wheel to right and when flame on Burner is nearly out, close the Generator Valve firmly to right.

Service Chart for Stove Generator

This Generator is so constructed that it can be easily taken apart (See cut) and overhauled and cleaned. Follow the instructions listed below and no trouble will be encountered.



First—Close Instant-Gas Valve on Tank.

Second—Unscrew Fuel Tube Jamb Nut from Generator.

Third—Loosen the Bolt and Nut which hold the Generator Clamp and remove the Generator from Stove.

Fourth—Place Generator Valve Body in a vise and unscrew the Pack Nut and Valve Stem. Remove these from Generator.

Fifth—Unscrew the Generator Tube from Valve Body.

Sixth—Unscrew Gas Tip Bushing and remove Gas Tip from Generator Tube.

Seventh—Remove Generator Filler Coil from inside of Generator Tube.

Eighth—Use the Carbon Scraper, furnished with stove, to clean the carbon from inside of Generator Tube. Rinse the Generator Tube in clean gasoline.

Ninth—Scrape the carbon from Valve Stem and Generator Coil. If Coil is too badly carbonized it will be best to destroy it and use a new one.

Tenth—Put soap on the threads of the Generator Tube and replace in Valve Body. Be sure to get this joint good and tight.

Eleventh—Use a new Gas Tip, screw Gas Tip Bushing on Generator Tube. Be sure to get this joint good and tight.

Twelfth—Put new Cleaning Needle and Holder in Valve Stem, and reassemble the Valve Stem in Valve Body. Be careful not to damage Needle when inserting into Generator. Make sure the Pack Nut is tight enough to make the packing snug in Valve Body.

Follow These Directions

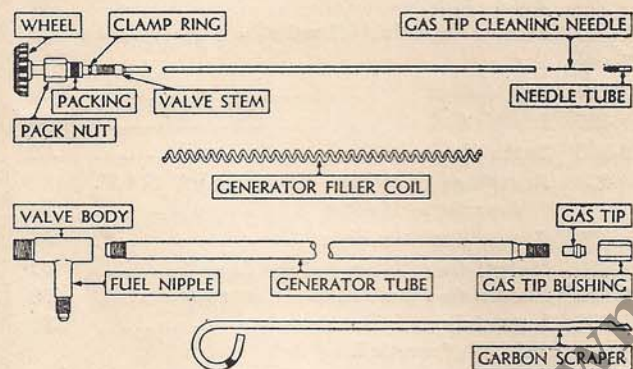
ATE STOVE MODEL NO. 375

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3. Allow the stove to burn on the Instant-Gas mixture for about one minute, thus clearing the Fuel Tube, Generator and Burners of the heavier parts of the gasoline.
4. Now close the Instant-Gas Valve wheel to right and when flame on Burner is nearly out, close the Generator Valve firmly to right.

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- Second—Unscrew Fuel Tube Jamb Nut from Generator.
- Third—Loosen the Bolt and Nut which hold the Generator Clamp and remove the Generator from Stove.
- Fourth—Place Generator Valve Body in a vise and unscrew the Pack Nut and Valve Stem. Remove these from Generator.
- Fifth—Unscrew the Generator Tube from Valve Body.
- Sixth—Unscrew Gas Tip Bushing and remove Gas Tip from Generator Tube.
- Seventh—Remove Generator Filler Coil from inside of Generator Tube.
- Eighth—Use the Carbon Scraper, furnished with stove, to clean the carbon from inside of Generator Tube. Rinse the Generator Tube in clean gasoline.
- Ninth—Scrape the carbon from Valve Stem and Generator Coil. If Coil is too badly carbonized it will be best to destroy it and use a new one.
- Tenth—Put soap on the threads of the Generator Tube and replace in Valve Body. Be sure to get this joint good and tight.
- Eleventh—Use a new Gas Tip, screw Gas Tip Bushing on Generator Tube. Be sure to get this joint good and tight.
- Twelfth—Put new Cleaning Needle and Holder in Valve Stem, and reassemble the Valve Stem in Valve Body. Be careful not to damage Needle when inserting into Generator. Make sure the Pack Nut is tight enough to make the packing snug in Valve Body.

If Stove Burns With Yellow Flame:

Cause: Generator not fastened to frame.

Remedy: Fasten Generator to frame with Generator Clamp.

Cause: Soot or carbon in mixing chamber.

Remedy: Scrape inside of mixing chamber and use pump to force dirt out.

Cause: Enlarged opening in Gas Tip.

Remedy: Put in new Gas Tip.

Cause: Cleaning Needle on end of Generator Valve Stem Bent.

Remedy: Remove Valve Stem and straighten needle.

Cause: Gasoline in burner Manifold.

Remedy: Close Instant-Gas Valve and Generator Valve, and when flame is out unscrew drain cap. When drained, close and relight as per paragraph No. 3.

If Gasoline Leaks:

At Instant-Gas Valve or Generator Valve—tighten pack nut just enough to stop leak.

At Gas Tip—tighten Gas Tip Bushing.

If Pump Does Not Work:

Cause: Air cannot be forced into Tank.

Remedy: Be sure to hold pump in upright position and that filler plug air stem is unscrewed two turns to the left.

Cause: Pump leather may be dry.

Remedy: Remove pump plunger and soften leather with a few drops of oil.

Cause: Leather worn out.

Remedy: Put on new leather.

If water or dirt gets mixed with gasoline remove Filler Plug releasing air pressure. Use the Coleman Siphon or Suction Pump to remove dirty gasoline. After all the gasoline containing water or dirt has been removed from Tank, fill Tank with clean fuel, replace Filler Plug, pump up to required amount of air pressure for operation and proceed with lighting of stove as per directions.

IMPORTANT—Use a good grade of fresh, clean untreated gasoline. Use only fresh gasoline and strain it into tank through a Coleman or similar funnel.

If Stove Does Not Light, or Flame Is Weak:

Cause: No fuel or lack of air pressure.

Remedy: See that tank contains clean gasoline, then pump up to operating pressure.

Cause: Dirty Burner Caps.

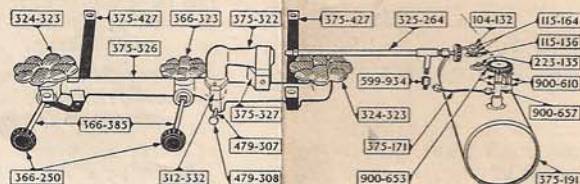
Remedy: Draw a piece of tin or thin knife blade through slots in caps.

Cause: Gas Tip stopped up.

Remedy: Close Instant Gas Valve, then open and close Generator Valve several times, thus working Needle through Gas Tip Orifice to remove obstruction.

Cause: Generator Tube may be stopped up with dirt or carbon.

Remedy: Disassemble Generator and clean as per service chart for stove Generator.

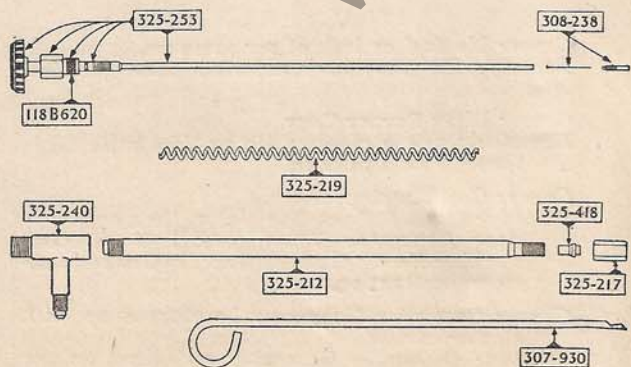


Repair Parts in Canada Slightly Higher in Price on Account of Customs Duty

Part No.	Name of Part	Net Retail Price	Part No.	Name of Part	Net Retail Price
101-522	Pump	.75	375-326	Burner Manifold (Casting Only)	1.35
104-132	Filler Plug Air Stem	.18	375-327	Air Intake Adjuster	.30
115-136	Filler Plug Gasket	2 for .06	375-410	Tank Bracket	.15
115-164	Filler Plug Complete	.60	375-427	Burner Manifold Bracket	.24
216-509	Pump Leather	2 for .09	375-444	Grate	1.20
310-415	Generator Saddle	.09	*472-125	Air Gauge	1.20
310-436	Generator Clamp	.09	479-307	Drain Outlet	.15
312-332	Manifold Gasket	.06	479-308	Drain Cap	.06
324-323	Burner Cap	1.20	599-934	Reducing Coupling—Nipple ($\frac{1}{8}$ " S.A.E. Female to Hollow Wire Jamb Nut)	.24
325-264	Generator (Gas Tip Marked "4")	1.80	603-329	Gauge Bushing Plug	.06
366-250	Auxiliary Valve Wheel & Nut	.30	900-610	Instant-Gas Valve Safety Lock	.09
366-323	Simmering Burner Cap	.60	900-653	Instant-Gas Valve Stem Complete	.60
366-385	Auxiliary Burner Valve Stem Complete	.75	900-657	Instant-Gas Valve Complete	1.80
375-171	Fuel Tube ($3\frac{1}{2}$ ")	.30			
375-191	Tank Complete (With Fittings)	3.60			
375-322	Mixing Chamber	.75			

*Can be furnished if wanted.

325-264 GENERATOR



Part No.	Name of Part	Net Retail Price
118B620	Valve Stem Packing	.03
307-930	Carbon Scraper	.15
308-238	Cleaning Needle & Holder	2 for .09
325-212	Generator Tube	.48
325-217	Gas Tip Bushing	.12
325-219	Generator Filler Coil	.12
325-240	Generator Valve Body & Fuel Nipple	.48
325-253	Generator Valve Stem (Less Cleaning Needle & Holder)	.48
325-264	Generator (Gas Tip Marked "4")	1.80
325-418	Gas Tip (Marked "4")	.12
599-934	Reducing Coupling—Nipple ($\frac{1}{8}$ " S.A.E. Female to Hollow Wire Jamb Nut)	.24