

Old Town Coleman Center

Live from
Yucca Valley, CA

XXXXXXXXXX *A resource for collectors and outdoor enthusiasts everywhere.*

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Stove flame is weak.



What it is Not Working Properly:

A stove requires fuel and air to operate. A weak flame can be caused of any number of things but it usually indicates a lack of fuel, or, a too-lean mixture. In order or probability, the causes are listed below:

1. Dirty Generator. After much use the generator will start to clog up. At some point it will choke off some of the fuel vapor being applied to the burners. I recommend you just replace the stove generator and not try and deal with cleaning it.
2. Dirty Fuel & Air Tube. The source of fuel for the stove is the Fuel and Air (F&A) Tube. If the stove sits around for extended periods of time with fuel in it, the fuel will leave a varnish on the brass F&A tube. This will restrict flow and ultimately shut it down completely. To fix it you need to remove the valve from the stove as the F&A tube is below the valve. Please refer to our [Rebuild Instructions](#) to continue.
3. Rusted Fillers. "Fillers" are a set of thin rings and this is where the stove's flame is produced. These rings will weld themselves together with rust. And in the areas where they're exposed to a great deal of moisture they can rust to a point where a nice blue flame cannot be produced. If, when the stove is operating, you can see large "holes" in the blue flames that encircle the burners, or if there are major gaps in the flames then you have a rust problem. Remove the center screw and then pull off the cap. Your seven burner rings will probably come off as one assembly. Gently twist them out of shape (temporarily) so they come apart. Take a wire brush and remove all the rust. When re-installing a flat ring goes top and bottom and alternate between flat and corrugated. Reinstall the burner cap and screw and see if it helps.