

THE IMPORTANCE OF FUEL AND AIR MIXTURE

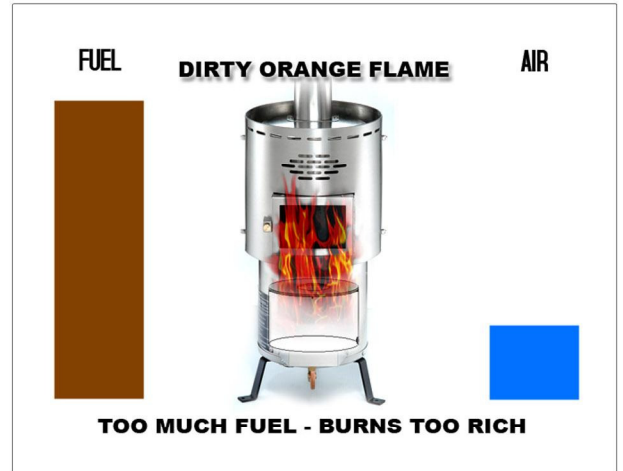
Many people underestimate the importance of air flow, when trying to operate their diesel stoves or heaters. In order for your heater/stove to work properly, and burn clean, without soot or smoke, it is vital to have adequate air venting in your cabin. You need to find the optimum balance of fuel and air to ensure a clean burn, and correct operation.



WRONG ❌

Tips for correcting....

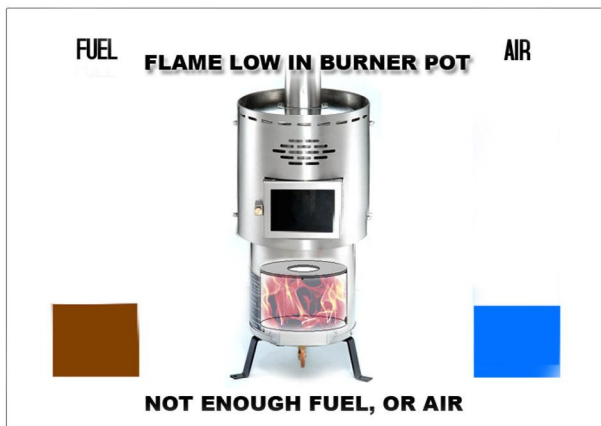
- Try turning up the fuel in small increments
- Try turning the fan off, or decrease the fan speed
- Add the barometric damper option if absent
- Try opening the barometric damper in 1/4" increments



WRONG ❌

Tips for correcting....

- Try turning down the fuel in small increments
- Try closing the barometric damper in 1/4" increments
- Try turning the fan on or increase the fan speed



WRONG ❌

Tips for correcting....

- Try turning up the fuel in small increments
- Try turning the fan on or increase the fan speed
- Make sure your cabin has a permanent fresh air vent
- Test your cabin for positive pressure (vent test with a match)
- Make sure your air intake holes in burner are clear of carbon



CORRECT



When operating properly, the flame will be a nice lemon yellow colour and will be mostly above the burner ring, with vapour inside the burner pot.