

# 10-22 Stove User Instructions

Congratulations on your purchase of this high quality American Manufactured product! If used correctly, the 10-22 Stove is practically indestructible, providing you with many years of enjoyment. Below are some hints and tips for getting the most out of the stove.

**General:** The 10-22 Stove is made out of 304 ANN Stainless Steel .018 thick, so it cannot rust and is very durable. In normal use the metal can discolor as a result of the high temperatures. The metal can also undergo a slight deformation during use, with this deformation largely disappearing after cooling. The above are natural reactions of heat on the stainless steel, and do not affect the function of the 10-22 Stove.

**Cooking Pots and Frying Pans:** All pots and pans, which are suitable for use on open-fire can be used with the 10-22 Stove.

**Setting up the Stove:** First connect the four sides by inserting the tabs in the slots at each end of the sides to make a square, be sure that the two sides with holes are connected to each other and the holes are at the bottom. Take the two cross sections placing them one at a time in the slots at the top of the sides, starting with the piece which has two slots facing down and one up. Place the 10-22 Stove on the ground and load with kindling.

**Fuel:** All types of natural kindling can be used in the 10-22 Stove. Normally, this consists of small pieces of wood, dry sticks, etc., which can be found scattered on the ground practically anywhere in the outdoors. Break up the wood in such a way that, with the pan on, you can still easily push it in through the available openings around the top of the cooker. However, do not make the pieces so small that you have to put your hand too close to the 10-22 Stove to push them in, the 10-22 Stove gets very hot! Suitable pieces of wood can also be pushed in through the bottom ventilation openings of the cooker. This can be useful in the following situations:

1. *When you get the impression that too much ash at the bottom of the 10-22 Stove is reducing its performance.* Pushing the wood in through the bottom ventilation holes causes the ash to loosen and fall out through the ventilation holes.
2. *If you wish to reduce the temperature of the 10-22 Stove.* By introducing green wood through the bottom openings, the convection flow in the 10-22 Stove is reduced and the heat generation falls. Small stones can also be used for this purpose. Caution: Do not use wet stones as these can explode due to the resulting steam pressure, just as they do in a normal campfire.
3. *If you wish to use dry and wet or damp wood together.* In this case, feed the 10-22 Stove with the dry wood through the bottom openings and add the wet or damp wood, mixed with something dry, from the top. This allows the wet or damp wood, as it slowly sinks to the bottom of the 10-22 Stove to dry and then burn. There will be an increase in the amount of smoke generated. You can also use charcoal. This provides a long-lasting and even heat. The exact temperature and duration, of course, depends on the type and quality of the charcoal. Wood provides the greatest heat output. Use dry wood where possible, and not rotten. If you wish to use the 10-22 Stove as a source of heat only, you can use any natural kindling.

**Caution!** Only use the 10-22 Stove in the open. When using the 10-22 Stove in enclosed space or tents, there is a danger of carbon monoxide poisoning. Carbon monoxide is a product of burning and has no smell or taste. Breathing high concentrations of carbon monoxide can lead to asphyxiation.

**Positioning:** Where possible, place the 10-22 Stove on a dry, flat stone (Caution: never use wet stones!) or on an upside-down pan not required for cooking. Do not build any unstable structures. By placing the 10-22 Stove on a non-flammable surface ensures that you do not leave any traces of your cooking session behind you. Naturally, you can also place your 10-22 Stove directly on the ground, without having any negative effect on its performance.

**Lighting the Fire:** To light the fire, proceed as with any other campfire - only on a smaller scale. The simplest technique is to use dry paper and lay it on the floor of the cooker. On top of this paper lay first very thin, easily ignited twigs, wood pieces, etc. On top of this layer, some larger pieces of wood, but do not overfill the cooker with too much wood, to ensure good circulation of air during the lighting phase. You can also use marketed fire-starters such as fire cubes. Make sure that the fire-starter used is suitable for the type of fuel you are using in the fire.

Now ignite through the bottom ventilation holes with a match or lighter. DO NOT put your head over the 10-22 Stove while you do this. In order to speed up the lighting process, blow air in the bottom ventilation holes. Take the same precautions and care in lighting and ventilating the fire as you would with a normal campfire. When the fire is burning well, place the pot or pan on the 10-22 Stove. Make sure that the 10-22 Stove is under the middle of the utensil as much as possible, and that the entire arrangement is stable. Add fuel in proportion to how much heat you wish to generate. Make sure that there is always a good glow, which will ensure that added fuel will ignite quickly. Experience will quickly tell you how much and how regularly you need to add fuel to reach and maintain the desired temperature.

## Safety Instructions:

1. Although the flame is concentrated inside a container, all basic safety procedures required for open campfires must still be followed.
2. If you are using the 10-22 Stove on dry forest floor, extra care must be taken. Unfavorable conditions could lead to a smoldering fire, which could quickly spread underground. This smoldering fire could resurface at a distance and ignite the surface material, causing a forest fire.
3. Never leave the hot, burning 10-22 Stove unattended when there are children and animals close by.
4. Only use the 10-22 stove in the open. Use in enclosed spaces can lead to asphyxiation from carbon monoxide.
5. Always let the 10-22 Stove burn out and cool down before touching it. Only extinguish the fire in the 10-22 Stove in an emergency with a non-flammable liquid such as water.
6. If you use fire-starters, use only a type that is suitable (fire-starter cubes, etc.). Never use highly flammable fluids such as petrol, methylated spirit, thinners, etc. The use of such materials can lead to vapor explosion and a shooting flame.
7. Only leave the place where the cooker has been set up when you are sure that no glowing or burning residuals remain. Comply with the local and regional regulations and any bans regarding the use of open fires. This cooker must not be used in certain national parks and in areas of high danger of forest fire. If in doubt, contact the respective authorities.

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