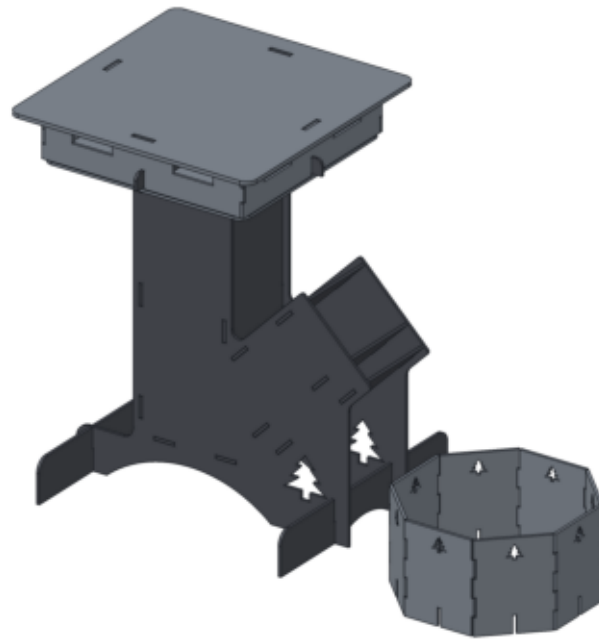
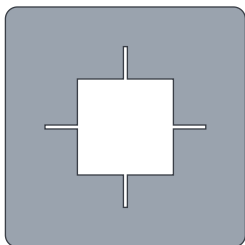


Mountain Rocket Griddle and Pot Skirt, 12 in



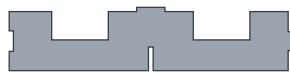
A griddle and a pot skirt for the RS4M rocket stove, as one set you weld yourself. A 12 x 12 in 3/16 griddle plate sits on a 10 in heat box, and an eight-sided skirt wraps a pot so the flame hugs its sides. Both sit on the stove's own pot support, over a collar that seals the riser top.

What's in the box



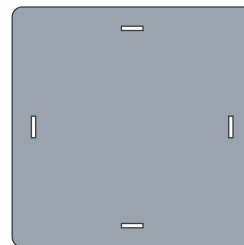
Collar x1

Part RG12M-01



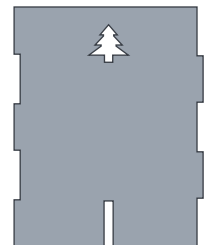
Griddle wall x4

Part RG12M-02



Griddle plate x1

Part RG12M-03



Skirt wall x8

Part RG12M-04

What you'll need

- MIG or flux-core welder (a 120 V machine handles 10 ga)
- Angle grinder with a flap disc
- Two small clamps
- Rubber mallet
- Welding helmet, gloves, jacket and safety glasses

Mountain Rocket Griddle and Pot Skirt, 12 in

1

Fit the collar under the pot support



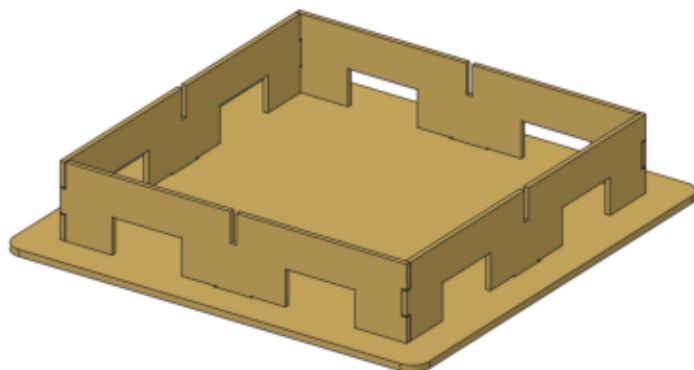
With the stove cold, lift off the pot support. Set the collar on the riser top, then drop the two pot arms back in through its slots so their notches sit on the riser walls as usual. The griddle box and the pot skirt both sit on the arms over this collar, which closes off the riser top around them.

TIP

The collar can stay on for plain pot cooking too.

2

Square the griddle box on its own plate



Lay the griddle plate flat on the bench. Stand the four walls on it upside down, ears down into the plate's four slots, so the fingers mesh at each corner. The plate holds the box square: tack the four corners, lift the box off, and weld the corner seams from outside. To cook, lower the box onto the stove so its four bottom notches drop over the pot arms' ends, then set the plate on, ears up through its slots.

TIP

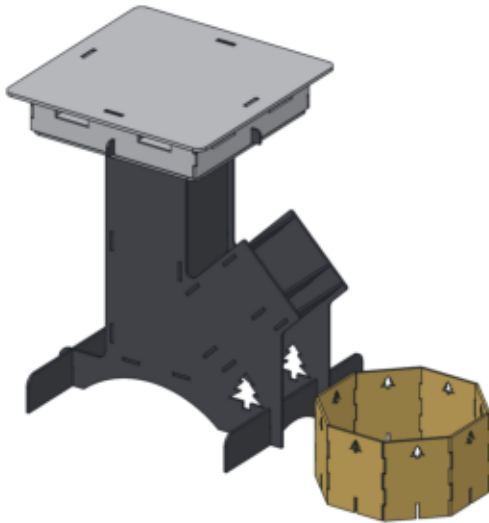
The four walls are identical.

Don't weld the box to the plate. The plate lifts off for cleaning and seasoning.

Mountain Rocket Griddle and Pot Skirt, 12 in

3

Build the pot skirt



Stand the eight skirt walls in a ring on a flat bench, pine trees up, each one's fingers meshing with the next. The fingers set the eight corners. Tack every corner, check that the ring sits flat, then weld the corner seams from outside. To cook with a pot, take off the griddle, lower the skirt over the arm ends the same way, and set the pot inside it on the arms.

TIP

The eight walls are identical; any wall goes anywhere.

The skirt fits pots up to 7-1/2 in across. A bigger pot or a skillet sits on the arms without it.

Mountain Rocket Griddle and Pot Skirt, 12 in

Finishing

- The parts ship bare with a light oil film. Wipe them down with a degreaser before welding.
- Grind the box and skirt corner welds smooth, and break the griddle plate's edges.
- Season the griddle plate like cast iron: scrub it, wipe on a thin coat of high-smoke-point oil, and heat it on the stove until it stops smoking. Repeat two or three times.
- Leave the box, skirt and collar bare, or paint their outsides with 1200 F high-heat paint.
- Store the plate dry with a light coat of oil. The skirt nests inside the griddle box.

Fire safety

- Outdoors only. A wood fire makes carbon monoxide: never cook in a tent, vehicle, camper, garage or under an awning.
- Set the stove on level bare ground, gravel or stone first. Never use it on a table, a tailgate or a deck.
- The plate, box, skirt and collar all get hot enough to burn. Use heat-resistant gloves and a long spatula.
- Keep the cooking centered. Don't lean on the griddle or set heavy pans on its edge, and never move the stove while it's lit.
- Scrape grease off as you cook. If grease catches fire, smother it with a lid or baking soda; never use water.
- Many campgrounds and public lands ban wood fires and stoves during fire restrictions. Check before every fire.
- Let everything cool completely before you take it off the stove or pack it.

This is a kit of raw steel parts. You build the finished product, and the quality of your welds and your judgment about where and how you use it are yours. Weld with proper ventilation and protective gear, and never leave a fire unattended.