Dad and I made a Defender stove the 16-inch model



floor of the stove is made of angle iron

The wall of the stove is made of iron Defender wheels

The legs of the stove are made of angle iron

As soon as a fire is lit, rising hot air and the absence of oxygen created by the combustion process creates a vacuum at the bottom of the Defender wheel’s burn chamber. This vacuum draws oxygen in through the Defender wheel’s bottom exterior vent holes, immediately fueling the fire at its base.

The smoke and warm oxygen help to further fuel the flame, resulting in secondary combustion, a more picturesque flame, and a hotter fire that burns off the smoke.

As mentioned above, this happens to an extent regardless of the size of the fire in your Defender wheel. This is how I got my picturesque, Instagram-worthy Photos

A picture containing grass, person, outdoor, man

Description automatically generatedA picture containing sitting, green, light, holding

Description automatically generated

A picture containing grass, sitting, table, black

Description automatically generated