

Gas Stove Burner

Abstract

According to this invention, the characters and shapes of the gas pipe's internal surface, the gas cylinder and the cover lid of the gas stove burner have been improved by using aerodynamic engineering principles to organize the flow of the gas stream and reduce its turbulence. As a result, the velocity of the flow is increased. The projecting hollow cylinder, which is located exactly underneath the vicinity where the tips of inner flames connect, helps enhance the combustion to be more efficient and accurate. By using the outstretching wings of the gas cylinder to connect the cylinder with the stove frame, the overall height of the burner is reduced, enabling the use in limited space. The improvement on the small stove frame to allow the self-stability placement on the outstretching wings of the gas cylinder enables the use in limited space with great efficiency. The improvement on the edge of the stove frame also enhances the ability of the stove in preserving heat.

Figure : 1