

SOLAR HEATING BBQ OVEN

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ABSTRACT

The title of the project is solar heating BBQ oven. This product is created to replace the oven which are either powered by gas, electric, fuel or charcoal. The solar heating BBQ oven has a parabolic shape reflector which is made by old metal satellite dish. A reflective material such as aluminum tape will be paste to the surface of the satellite dish as a reflector.

The reflector channeling and focusing the sunlight on a bottom of absorber (pot or oven) so as to serve as a source of heating a BBQ oven and the oven placed above the heat source. The oven will placed on a stand which made by steel chain link fence. Several different height of carton box will be provided to make the stand of reflector to adjust the height of reflector to focus the light to absorber accurately. The meat place above the hot oven and start to grill the meat.