

Different possible types of Ignition

Electricity-based - Nichrome

- Requires a fan to create airflow
- 3-5 Seconds to light up
- Does not require refilling
- Requires to be plugged-in/ some power source (can be battery operated)

Gas-based - Jet Lighter

- 2-4 Seconds to light up
- Requires Refilling

Requirements & Constraints

Time to ignite - 3-5 seconds max

Cater to sizes - upto 10cm in Diameter

Safety of the users - Electrocutation, Burns

Ease of operability

Safety for children and adults (Electrocutation & Burns)

Power Consumption - Max 250W on operation

Portability? (Added value)