



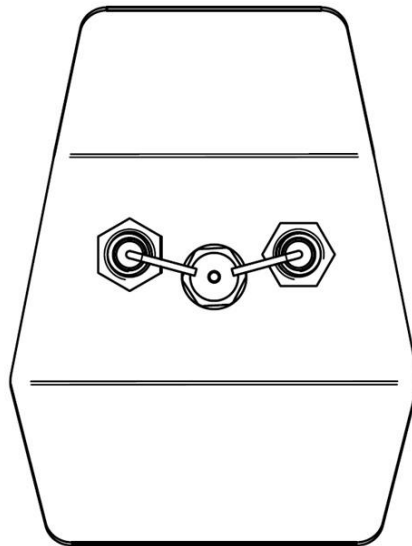
Electrode Alignment Diagram

Alignment of the electrodes becomes more critical as the temperature becomes lower or the environment is breezy, as the fuel vapor needs to exist in the path of the electric arc.

If the electrode tips are positioned:

- Too high – the spark won't touch enough fuel vapor.
- Too low – the fuel might quench/drown the spark.
- Just right – you'll have reliable ignition.

The tips of the electrodes should have a 5-7 mm gap between them, and the tips should be center or just slightly above center in relation to the stream of fuel being emitted. By closing one eye and looking at the nozzle directly, you can evaluate the position fairly accurately.



Once adjusted, test fire the unit and observe from the side and above to ensure the stream is not colliding with either of the electrode tips, and the electrical arc appears to be running along the stream surface providing reliable ignition.