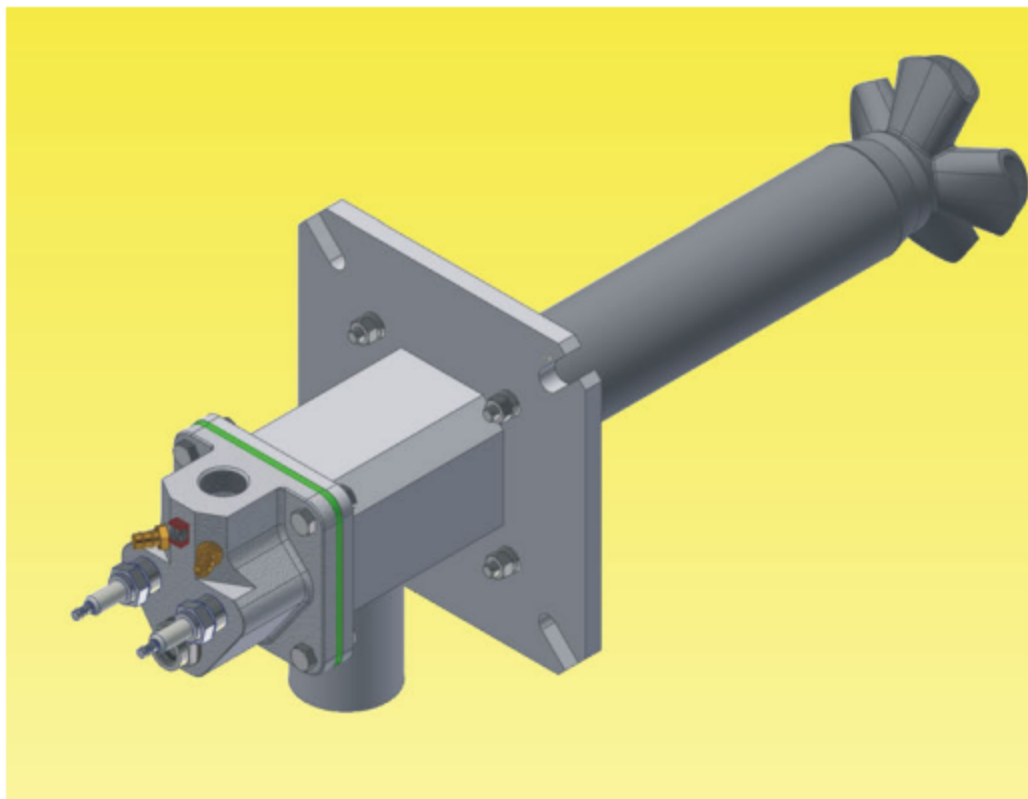




**A-KB**

**Series Flat Flame Burner**

**Large regulation ratio / low nitrogen emission**



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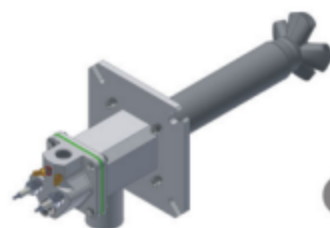
### A-KB Series Flat Flame Burner

Large regulation ratio and low nitrogen emission

#### Features

**A-KB Flat Flame Burner is a burner developed for high heating quality, which is suitable for radiant heating of medium and low temperature furnace wall.**

1. The formation of the plane flame no longer depends on the aerodynamic design, therefore, it is not affected by the fluctuation of the gas pressure parameters, the flame will not directly impact the workpiece under any conditions, and maintain a stable and efficient radiation heating performance.
2. The flame jet developed by patented technology can design different flame thickness and diameter according to the needs of users, and better control the directional heat transfer effect of the flame.
3. It can make the flat flame burner have high-speed flame performance, have strong furnace gas entrainment capacity, and promote the uniform temperature distribution in the furnace.
4. It has lower NOx emission level.
5. It effectively avoids the slagging of the burner to pollute the workpiece, which is particularly important for ceramic products.



#### Applications

- Metal Heat Treatment Furnace
- Non-Ferrous Metal Melting Furnace
- Heating Furnace
- Drying furnace trolley furnace
- Tunnel Kiln
- Shuttle Kiln
- Rotary furnace
- Ceramic Fiber Furnace

#### Product Description

- Air shell: Cast iron/45# steel
- Material of air inlet pipe: cast iron / 45# steel
- Applied maximum furnace temperature: 950° C
- Fire pipe material: SUS 304
- Combustion head: SUS310S
- Fixed flange: Q235
- Maximum preheating air temperature: 350C
- Power: 40~400KW
- Air inlet pressure: 35mbar
- Gas inlet pressure: 51 mbar
- Fuel: NG/LPG
- Adjustment ratio: 1:10