

Natural gas hot-blast stove burner



Product introduction to the natural gas hot-blast furnace burner:

Natural gas hot blast furnace burner is a kind of industrial burner which is used in hot blast furnace industry. Its main fuel is natural gas. Natural gas is a kind of multi-component mixed gaseous fossil fuel; its main component is alkanes, of which methane accounts for the majority, and a small amount of ethane, propane and butane. It exists mainly in oil fields, gas fields, coal seams and shale formations. After burning of natural gas, there is no waste residue or waste water. Compared with coal and oil, natural gas has the advantages of safety, high calorific value and cleanliness. Natural gas is one of the safe gases, it does not contain carbon monoxide, also is lighter than air, once leakage, it immediately diffuses upward, and not easy to accumulate explosive gas, which is high safe. Using natural gas as energy can reduce the consumption of coal and oil, thus greatly improves environmental pollution. Natural gas, as a kind of clean energy, can reduce the emission of sulfur dioxide and dust by nearly 100%, reduce the emission of carbon dioxide by 60% and the emission of nitrogen oxides by 50%, and reduce the formation of acid rain, alleviate the earth's greenhouse effect, and fundamentally improve the quality of the environment.

The natural gas hot blast stove burner produced by jufeng thermal energy has the following characteristics:

- Pass the national TSG_ZB001-2007 for experiment products;
- Main parts imported from professional brand, high reliability and stable performance;
- Safe combustion, stable operation, combustion efficiency is above 99.9%
- Full burning without black smoke, soot blackness and other indicators in combustion products meet the national environmental protection indexes;
- Burner is not easy to clogging, jams, without tempering, fire off phenomenon;
- The flame length, angle and shape can be designed according to the requirements of customers;
- Burner can be installed (horizontal, vertical downward/upward, sloping) according to requirements of customers;
- The length of burner into the furnace can be according to requirements of customers;
- Wide range of flow control load adjustment ratio;
- Applicable to the design of the various working conditions, such as strong positive/negative pressure, anaerobic, high temperature etc.;
- Abundant configuration, meet the needs of industry users at different levels;
- Can match with all kinds of kiln/boiler (such as boiler, heat conduction oil furnace, hot-blast stove, heating furnace, painting line and other various industrial furnaces).