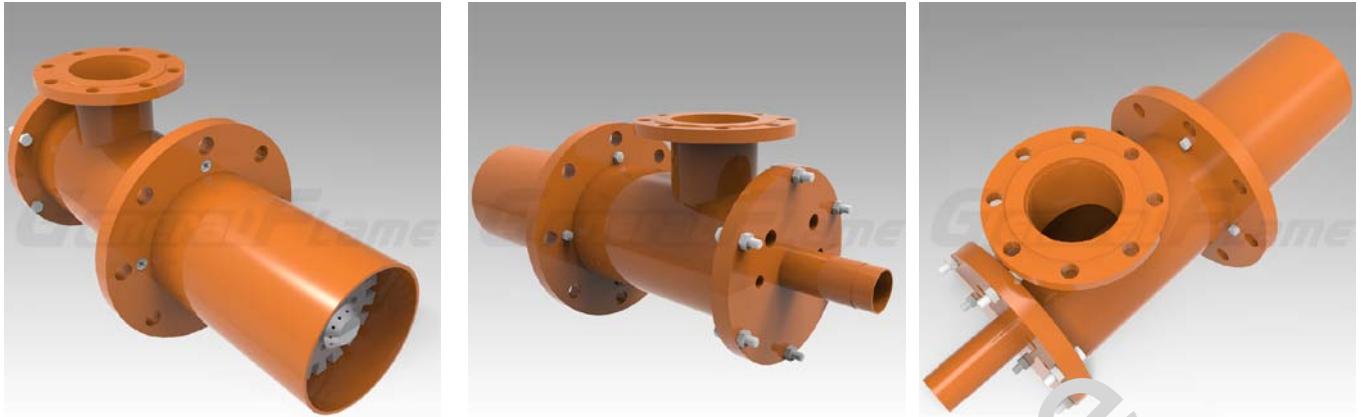


Methanol hot-blast stove burner



Introduction to methanol hot blast stove burner

Methanol hot blast stove burner is a kind of burner which takes methanol as fuel and is used in hot blast stove industry. The methanol hot blast stove burner developed by our company adopts a full automatic control system, which can realize remote monitoring and breakdown alarm. Due to the corrosivity of methanol fuel, we specially develop anticorrosive pure copper solenoid valve. The solenoid valve adopt (program controller) integrated circuit output, which avoids saturated coil, controls coil magnetic flux and coil starting current. Controlling of the power supply voltage, current, frequency ensures that the electromagnetic valve to run 24hours a day under high temperature and vile condition. The piping system adopts the all-copper design, and the connection uses anticorrosive and high-temperature resistant adhesive. Components deals with special high temperature paint and corrosion resistance treatment, circuits all use high temperature resistant cable, the oil pipeline is equipped with dual protection system to prevent safety accidents caused by fuel leakage. The oil pipeline and gas pipeline are equipped with built in filtration system.

Characteristics of methanol hot blast stove burner

1. Adopt fully closed fuel circulation system to avoid the safety problem of volatile methanol.
2. Accurate ventilation door adjustment device to adjust air/fuel ratio accurately, and ensures combustion efficiency.
3. Due to the low viscosity of methanol, adopt two-fluid air atomization to make sufficient combustion.
4. Adopt delayed combustion technology of semi-gasification, to solve the combustion efficiency of methanol fuel.
5. Equipped with automatic purring, flame detection and flameout protection functions.
6. Stable combustion, flame size matches with the boiler furnace structure to get higher thermal efficiency of boiler;
7. Safe and reliable, energy saving, environment protection and reduced emissions;
8. Durable, fuel saving, strong flame, odorless burning, over 20% cheaper than diesel.
9. Easy installation, arbitrary adjustment of flame size, energy saving and reduced consumption;
10. Calorific value: 1-30Mkcal /h;
11. Processing and customization: yes, welcome ODM and OEM

