

Stanoxflame Burner

The Stanoxflame Burner is a high-precision temperature-controlled burner designed for medium- to high-temperature industrial applications. It features high flame velocity, a wide turndown ratio, complete combustion, stable temperature control, and high convective heat transfer efficiency. It is widely used in tempering furnaces, quenching furnaces, annealing furnaces, thermal oxidizers, and forging furnaces, among others.

Preheated Combustion Air System improves efficiency and stability.

Suitable for up to 1540°C furnace temperatures, meeting high-temperature industrial needs.

Low NOx emissions: 50 mg/Nm³ (@3% O₂), in compliance with environmental standards.

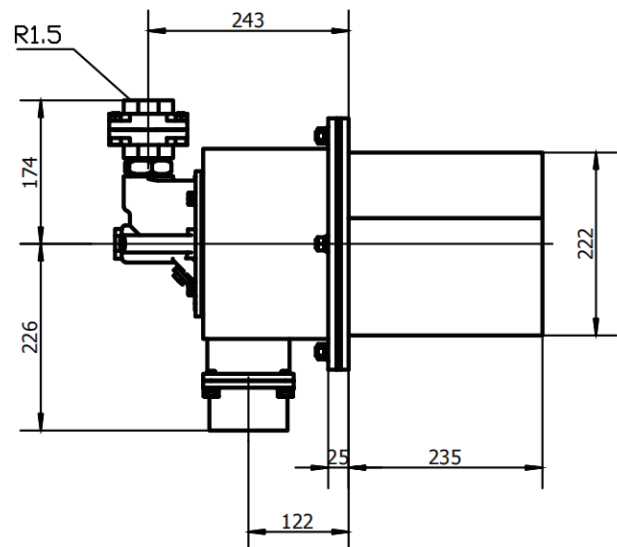
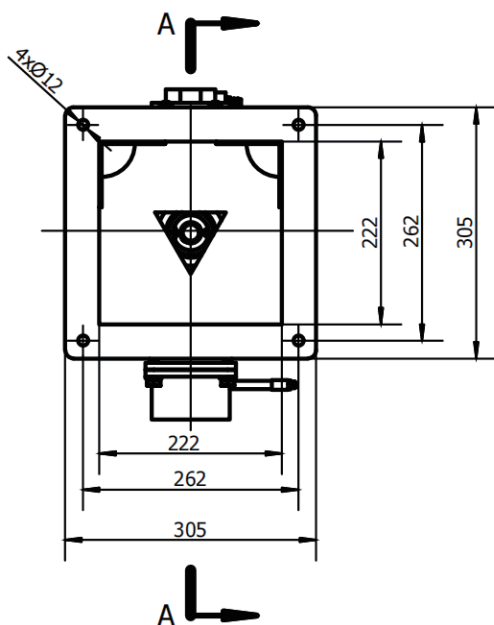
Staged air control for precise combustion regulation.

Flameless combustion reduces thermal loss and boosts efficiency and safety.

> Product Specifications

Max. Output Power	520kW	
Fuel	Natural Gas / LPG	
Material	Cast Steel, Refractory Brick	Nozzle Material: Special HT Alloy
Flame Length	900mm	Max. Power
NG Supply Pressure	1kPa	Ambient Air
	1.5kPa	Preheat Air
Combustion Air Pressure	3.5kPa	Ambient Air
	5kPa	Preheat Air
Max. Preheat Air Temp.	600°C	
Max. Furnace Temp.	1540°C	
NOx Emissions	50mg/Nm ³	3% O ₂ , Furnace Temp. 1000°C
CO Emissions	35mg/Nm ³	3% O ₂

> Dimensions



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