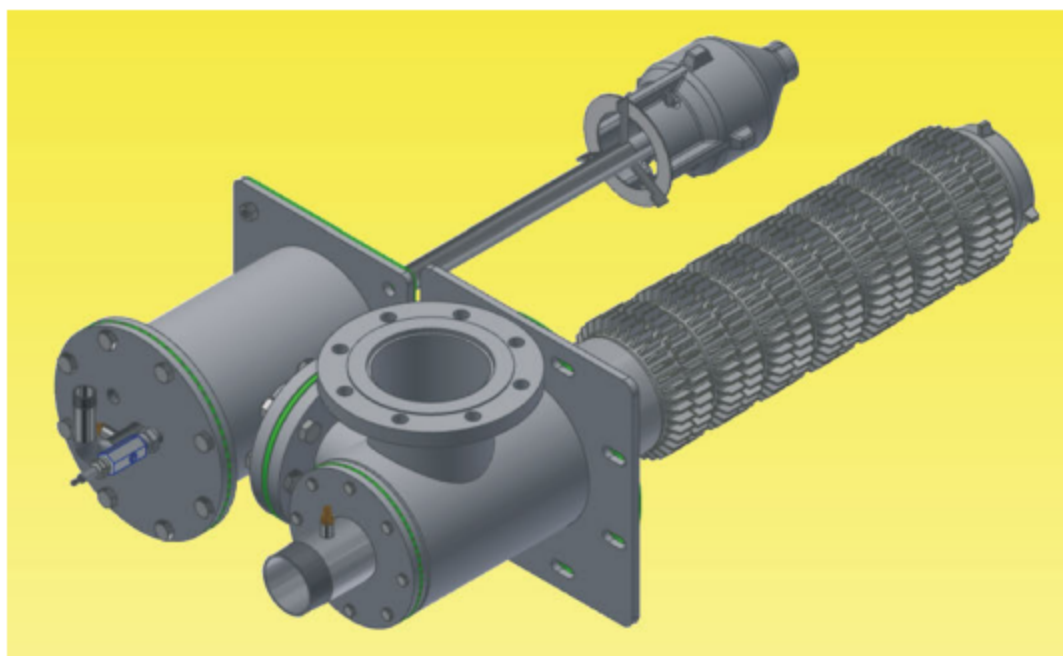




A-GCWR Radiant Tube Burner



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A-GCWR Radiant Tube Burner

U / W radiation tube has uniform temperature and low nitrogen emission heat recovery

Features

A-GCWR Radiant Tube Burner is designed for U-shaped or W-shaped radiation tube scenarios, providing low ammonia emissions, uniform temperature flame, adjusting the exhaust position of the pull to adjust the flame length. The matching use of high-efficiency heat exchanger has the effect of heat recovery.

A-GCWR Radiant Tube Burner has a certain flame regulation ability to cooperate with a variety of different specifications of radiation tubes. A-GCWR Radiant Tube Burner adopts multi-stage air regional combustion technology to greatly reduce NOx emissions.

A-GCWR Radiant Tube Burner has ultra-high flame stability and regulation ratio, and its load regulation range exceeds 1:8, which adapts to a variety of control modes and heating process requirements.



Applications

- Metal Heat Treatment Furnace
- Non-Ferrous Metal Melting Furnace
- Heating Furnace
- Tunnel Kiln
- Shuttle Kiln
- Ceramic Fiber Furnace

Product Description

- | | |
|--|----------------------------------|
| ● Air shell: Low carbon steel | ● Power: 90~ 180KW |
| ● Material material for air inlet pipe: Low carbon steel | ● Air inlet pressure: 80mba |
| ● Applied maximum furnace temperature: 950°C | ● Gas inlet pressure: 70mbar |
| ● Fire pipe material: SIC | ● Smoke outlet pressure: - 5mbar |
| ● Combustion head: Cr28Ni48W | ● Fuel: NG/LPG |
| ● Fixed flange: Q235 | ● Adjustment ratio: 1:8 |
| ● Preheat the air: Normal temperature | |

Ignition and Flame Monitoring

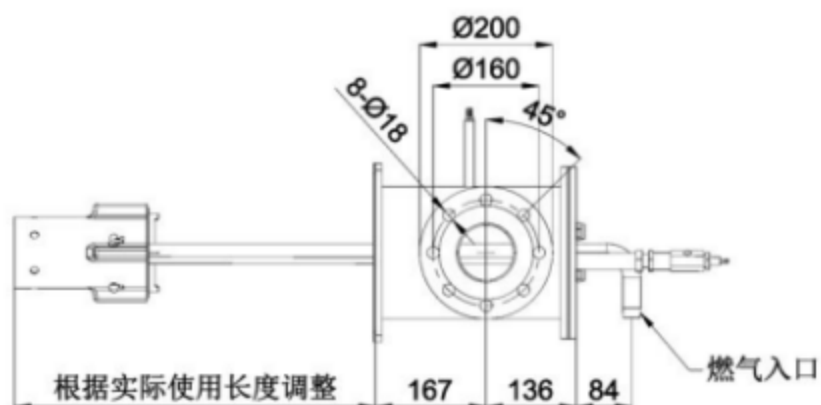
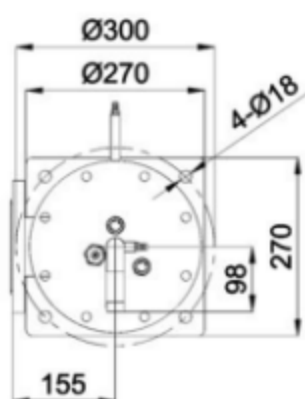
- The ignition of the burner is realized by the ignition electrode.
- UV ultraviolet can be used in flame detection.

Type selection

Radiant Tube Burner Type selection

Model	AGCWR	180	B	-545
Rated Power	100KW 180KW			
Gas type:	B: Natural gas; D: Coke oven gas; G: Liquefied gas; M: Other			
Burner Length:	-445 -495 -445+50*n			

Installation Dimensions of Burner



Adjust the length according to the actual use; Gas inlet
Dimensions of Radiant Tube Burner

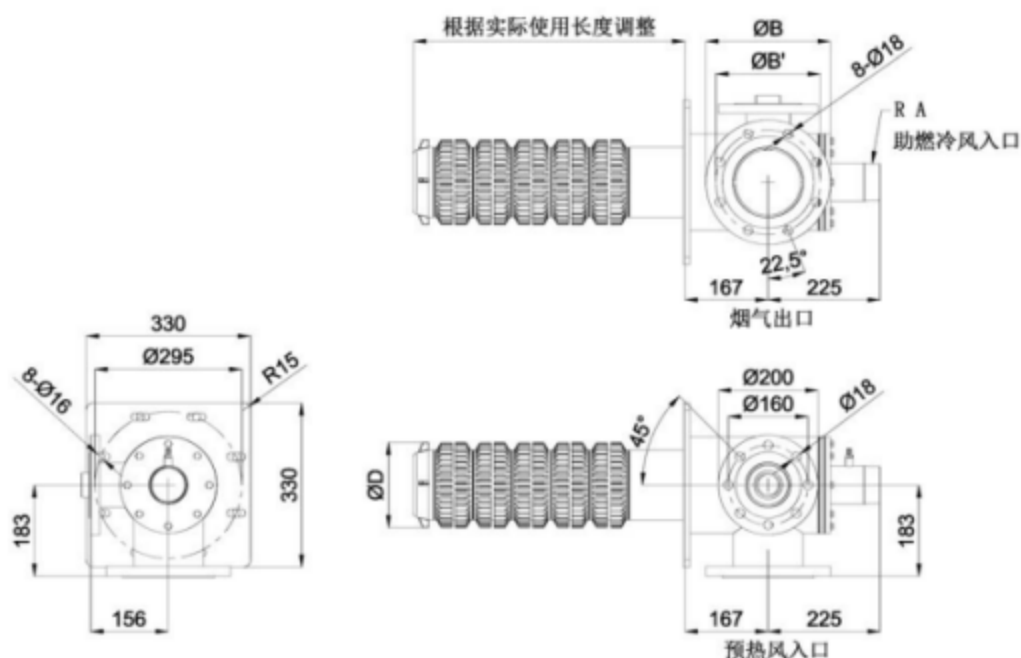
A-GCWR Radiant Tube Burner

Type selection of heat exchanger

Model: H	170	-545
Type of heat exchanger H: primary heat exchanger		
Inner diameter of radiation tube 150: 156~168 170: 178~186		
Length of heat exchanger: 445 495 445+50*n		

Example: AGCWR180B-545 H170-545

Installation Dimension of heat exchanger



Adjust the length according to the actual use.

Combustion-supporting cold air inlet, smoke outlet, preheating air inlet

Specifications	A	D	B'	B
H150	R2	147	180	215
H170	R2 1/2	174	2100	245