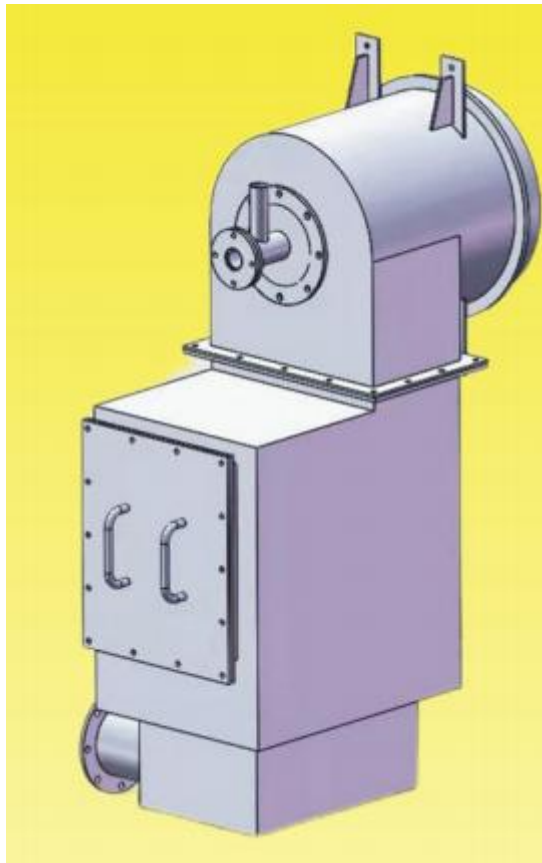




## **A-STOR**

### **Regenerative Burner**



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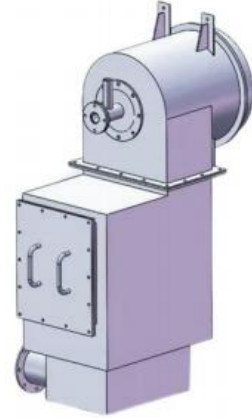
E-mail: [Astechnic @ 163.com](mailto:Astechnic@163.com)

## A-STOR Regenerative Burner

Energy-saving

### Features

- Suitable for the combustion of natural gas, blast furnace gas, mixed gas, city gas and other fuels.
- Flame has many forms, such as straight flame, flat flame and so on.
- It can be installed on the side wall, furnace top and other structures.
- The materials of the regenerator are heat storage ball and honeycomb.
- It uses ignition gun ignition, ignition gun + burner double fire detection mode.
- It is widely used in aluminum melting furnace, trolley / chamber heating furnace and heat treatment furnace.
- It recovers the physical heat of high temperature flue gas, maximizes the thermal efficiency of all kinds of industrial furnaces or boilers, and saves more than 30% energy on average.
- The exhaust temperature is less than 200 degrees Celsius, basically no waste heat recovery system is needed.
- It greatly improves the temperature uniformity in all kinds of industrial furnaces or boilers through high temperature air flow.
- It improves the quality of all kinds of low calorific value or inferior fuel, which significantly saves high quality fuel.
- It greatly reduces the emission of harmful gases such as carbon dioxide and ammonia oxide, and with the flue gas reflux technology, the nitrogen oxide emission is better than the national emission standard.
- It greatly increases the flame temperature in the furnace of the industrial furnace.
- It retains high-grade heat in all kinds of industrial furnaces to the greatest extent.
- It maximizes the heat transfer efficiency of all kinds of industrial furnaces or boilers.



### Applications

● Glass furnace ● Aluminum melting furnace ● Foundry furnace ● Steel Rolling Heating Furnace

### Product Description

- |   |   |
|---|---|
| ● Air shell: Cast iron/45# steel                    | ● Fixed flange: Q235                                    |
| ● Material of air inlet pipe: cast iron / 45# steel | ● Maximum preheating air temperature: 350°C             |
| ● Applied maximum furnace temperature: 1200°C       | ● Fuel: NG/COG/LPG                                      |
| ● Combustion chamber: Burner brick                  | ● Regenerator: Ceramics honeycomb / heat storage pellet |
| ● Combustion head: SUS 310S                         |   |



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### A-STOR Regenerative Burner

#### Product Description

- Regenerator: Heat storage pellet, honeycomb
- Flame mode: Straight flame, Flat flame
- Gas type: Natural gas, city gas, mixed gas (calorific value required)
- Power: 300KW, 500KW, 750KW, 1000KW, 1500KW, 2000KW
- The actual dimension of the kiln needs to be provided for customization

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			

Model	A-STOR	S	H	B	300
Regenerator	S: heat storage ball, M: honeycomb				
Flame Shape	H: Straight flame, K: Flat flame				
Gas:	B: Natural gas, D: city gas, M: mixed gas				
Power/KW:	300, 500, 750, 1000, 1500, 2000				

#### Cases

