



DYD

岱鼎燃烧

产品手册

Product Manual

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BOONYIUM AND ASSOCIATES LIMITED

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让燃烧完美而简约

Make The Combustion Perfect And Simple



ENTERPRISE INTRODUCTION

企业介绍

DYDTEC Group is specialized in combustion industry. Our products and services include industrial burner, combustion system, flame treatment system, air heater, heat exchanger, project renovation for combustion safety, energy saving and low nitrogen, maintenance of combustion system. We see us as a solution provider in the combustion industry and can satisfy the needs from customers.

Over 10 years expanding, DYDTEC has supplied thousand of combustion systems and air heaters. We have rich application experiences in various industries including automotive, environment protection, industrial drying, light industry and heavy industry.

Our product applies the European standard EN746 and American standard NFPA86.

DYDTEC entered overseas market in 2016, we have successfully exported our products to the areas including US, EU, Africa, Asia and Pacific.

With our motto of faith, DYDTEC is dedicated to be excellent, honest, diligent, responsible. We have become the industrial combustion market leader in China and we are ambitious to become an outstanding brand worldwide in the field of industrial combustion in the next decade.

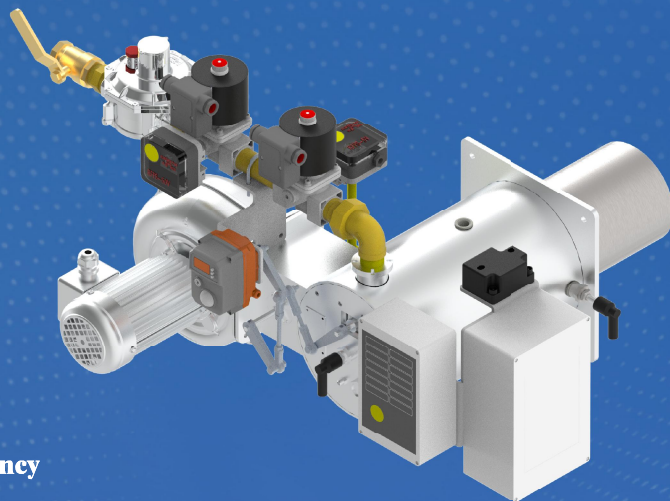


NECO Combustion System



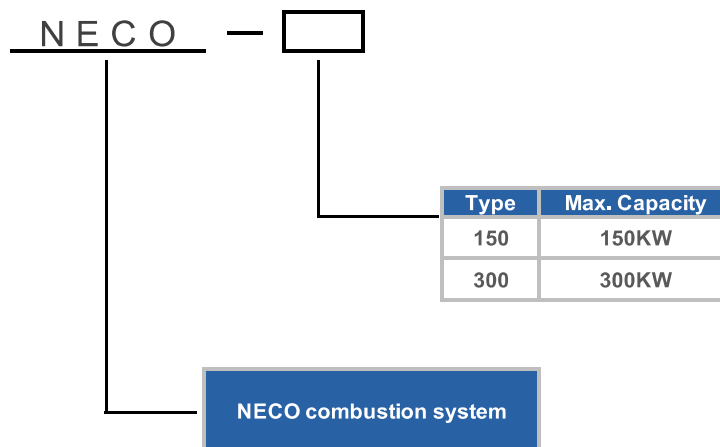
NECO is a combustion system designed by DYDTEC according to standard EN746-2. It provides an integrated combustion solution, including burner, pressure regulating valve, filter, pressure gauge and other equipment. The automatic gas control valve controls the thermal power of all working ranges. The gas is mixed with air along the mixing cone in the burner through the nozzle to produce a short and stable flame.

- Two specifications are available, all metal components
- Capacity: 4kW~300kW
- Stable and clean combustion, low NOx emission
- High precision adjustment ratio up to 40:1
- Faster and more accurate temperature adjustment
- The required gas pressure is low
- Integrated design, simple installation
- Easy to operate and maintain
- Fans and motors with multistage voltage and frequency



NECO

Model Definition

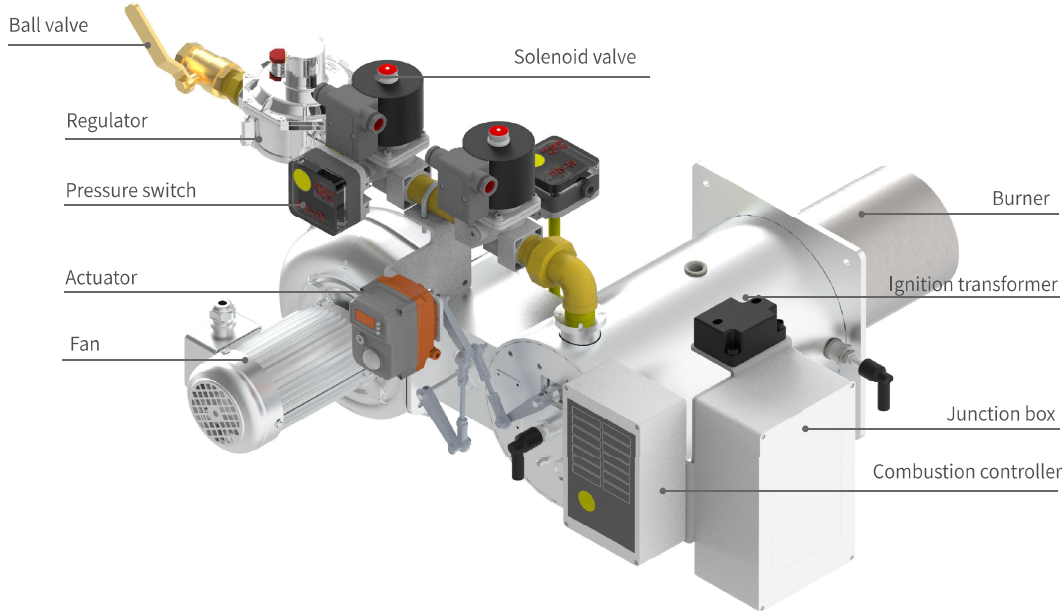


Parameters

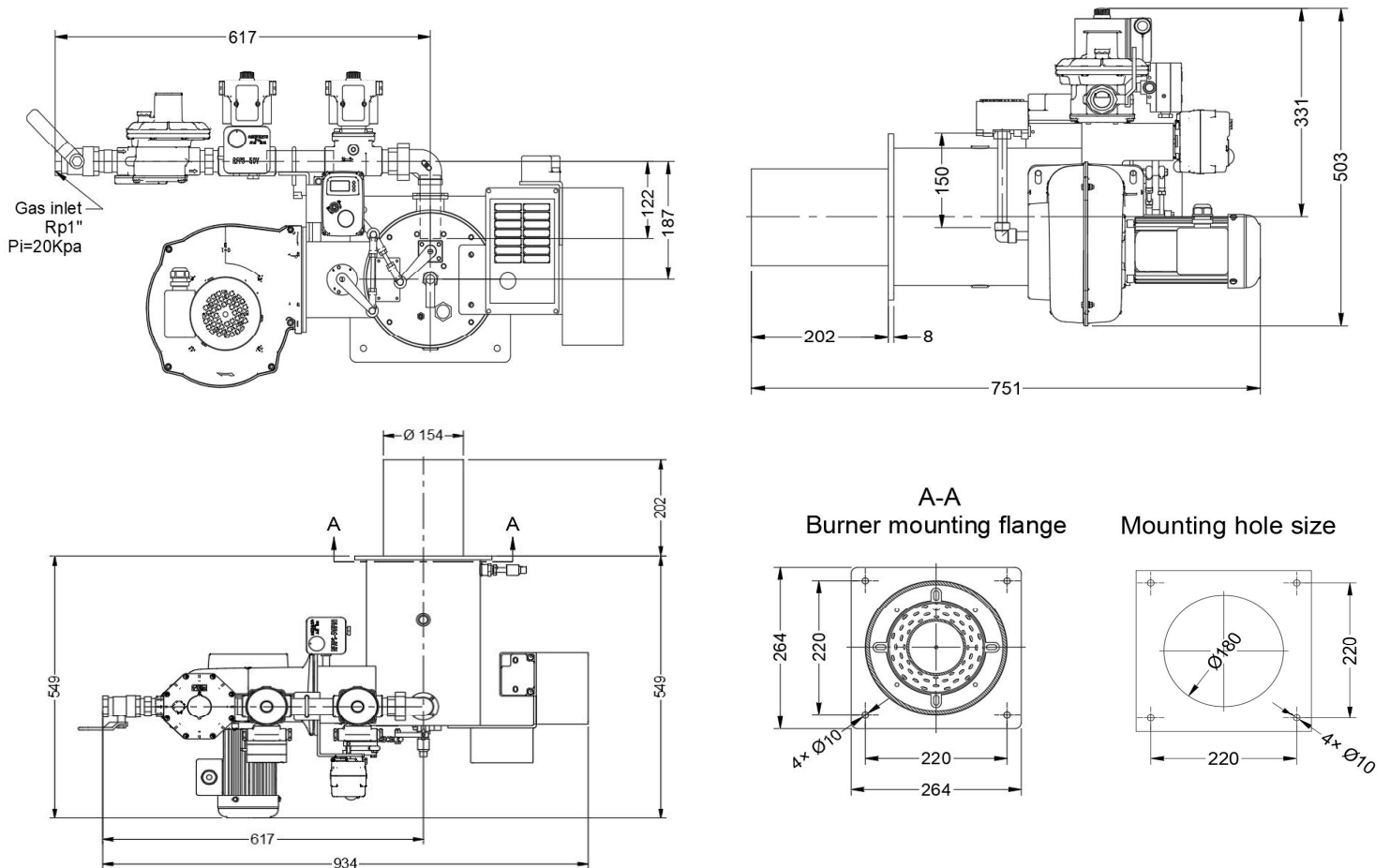
Basic Parameters		
Product Type	NECO-150	NECO-300
Supply voltage of fan (V)	380	
Supply voltage of control system (V)	220	
Inlet pressure of gas (kPa)	30	
Oxygen content of combustion air *	21%	
Protection level	IP54	
Max. capacity (kW) **	150	300
Min. capacity (kW)	4	8
Regulation ratio	40:1	
Max. furnace temperature (°C)	700	
Max. gas flow (Nm ³ /h)	15	30
Min. gas flow (Nm ³ /h)	0.4	0.8
Flame length (mm) ***	700	1000
* Please contact the supplier when the burner is not used under standard conditions. ** Using a standard round air filter results in a 15% power reduction. *** In an open environment, the cross-flow of combustion results in shorter flame length.		

Application

NECO combustion system is widely used in low-temperature heating/drying and other process occasions. The configuration of combustion system is shown in the figure:



Dimensions



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