



PRODUCT INTRODUCTION

High Pressure Cleaning Boiler (KFHW)



The temperature rise of hot water is about 75K, which is used in livestock and poultry houses, vehicle decontamination centers, kitchens and other occasions that require high temperature and high pressure cleaning.



How It Works

The thermostat sends a power-on command. After the high-pressure water passes through the heat exchanger of the boiler, the combustion fan starts. The ignition control system starts to ignite and burn after the safety inspection. The high-temperature flue gas heats the heat exchanger, and the heat absorbed by the heat exchanger is transferred to the water.



Technical Features

1. Heat exchange system: The double-layer coil heat exchanger is high efficient. Available in anti-rust treated coil or stainless steel coil.
2. Combustion system: Positive pressure combustion system, gas and air fully premixed combustion method, combustion is more sufficient, and the content of other harmful oxides such as carbon monoxide in the flue gas is extremely low, while avoiding the hidden danger of back-fire.
3. All-round water protection: water pressure protection (over-pressure/low pressure), water flow protection (overflow/low flow), high temperature protection, anti-dry burn protection, etc.
4. Safe combustion: three ignition failure safety protection, accidental flameout protection, fan failure protection.
5. Control system: 12V low-voltage control system, safe and reliable, convenient for daily maintenance.

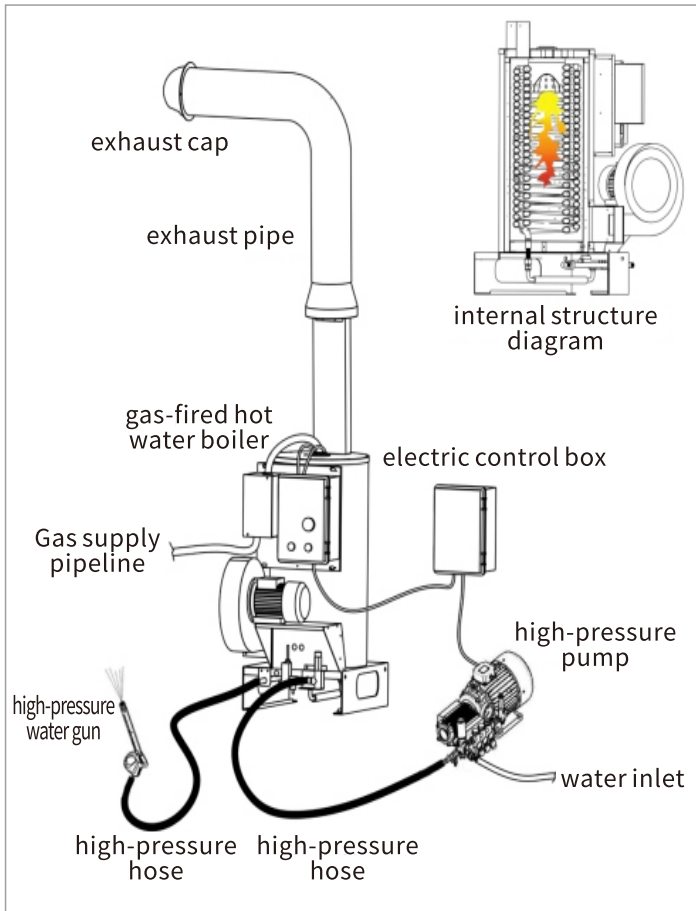


Technical Parameter

Model	Input Rate	Gas Consumption		Power Usage	Flow Rate	Temperature Rise	Dimensions/Weight (w/o chimney)
KFHW 88 N- 15	88kW	NG	8.5m ³ /h	550W (220V,50Hz)	15L/min	75K	L 950*W450*H1000mm 88kg
KFHW 88 P- 15		LPG	6.8kg/h				
KFHW 105 N- 21	105kW	NG	10.1m ³ /h		21L/min		
KFHW 105 P- 21		LPG	8.2kg/h				
KFHW 130 N- 30	130kW	NG	12.5m ³ /h		30L/min		
KFHW 130 P- 30		LPG	10.1kg/h				

NOTE: 1. Natural gas calorific value: 8900kcal/Nm³, LPG calorific value: 11000kcal/kg, gas supply pressure 2-3kPa.
2. 110V/60Hz models available

High Pressure Hot Water Cleaning System Case



- Powerful combustion fan (with pre-purging and post-purging), safe and reliable
- Forced smoke exhaust system, safe and reliable
- Down-spray flame (flue gas) two-pass heat exchange, high efficiency and energy saving
- Anti-rust treatment heat exchange coil (stainless steel coil optional)
- The boiler is installed downward the pump, the cold water flows through the water pump, and the hot water is discharged from the boiler, avoiding the rapid aging and damage of the water pump seals
- Easy maintenance and quick replacement of parts

Typical Applications



Swine farm



Poultry house



Kitchen



Vehicle