河南永兴锅炉集团有限公司
HENAN YONGXING BOILER GROUP CO., LTD.

LDR型电加热锅炉

LDR TYPE ELECTRIC HEATING BOILER

产品简介 Product Introduction

LDR型电加热锅炉简单地说就是用电来加热的立式锅炉，是指一种把电能转化成热能，进而把水加热产生蒸汽的压力容器设备。它主要有锅炉本体、电控箱及控制系统组成，运行安静、无噪音、清洁，尤其是采用电（国家三大清洁能源之一）加热，既符合环保的政策要求，也迎合客户心理。

LDR型电加热锅炉的所有电器元件均具有CE和CCC认证标志，部分配件还采用了西门子等国际品牌，大大提高了锅炉的质量以及使用寿命，受到了广大客户的信赖和认可。

The LDR electric heating boiler is simply a vertical boiler which is heated by electricity. It is a pressure vessel equipment which converts electricity into heat energy and then heats water to produce steam.It is mainly composed of boiler body, electric control box and control system, running quietly, noise-free, and clean, especially using electricity (one of the three clean energy sources of the country) to heat, which conforms to the policy requirements of environmental protection and also caters to customers psychology.

All electrical components of LDR type electric heating boiler have CE and CCC certification marks, and some parts are also adopted international brands such as Siemens, which greatly improves the quality and service life of the boiler and has been trusted and recognized by the majority of customers.

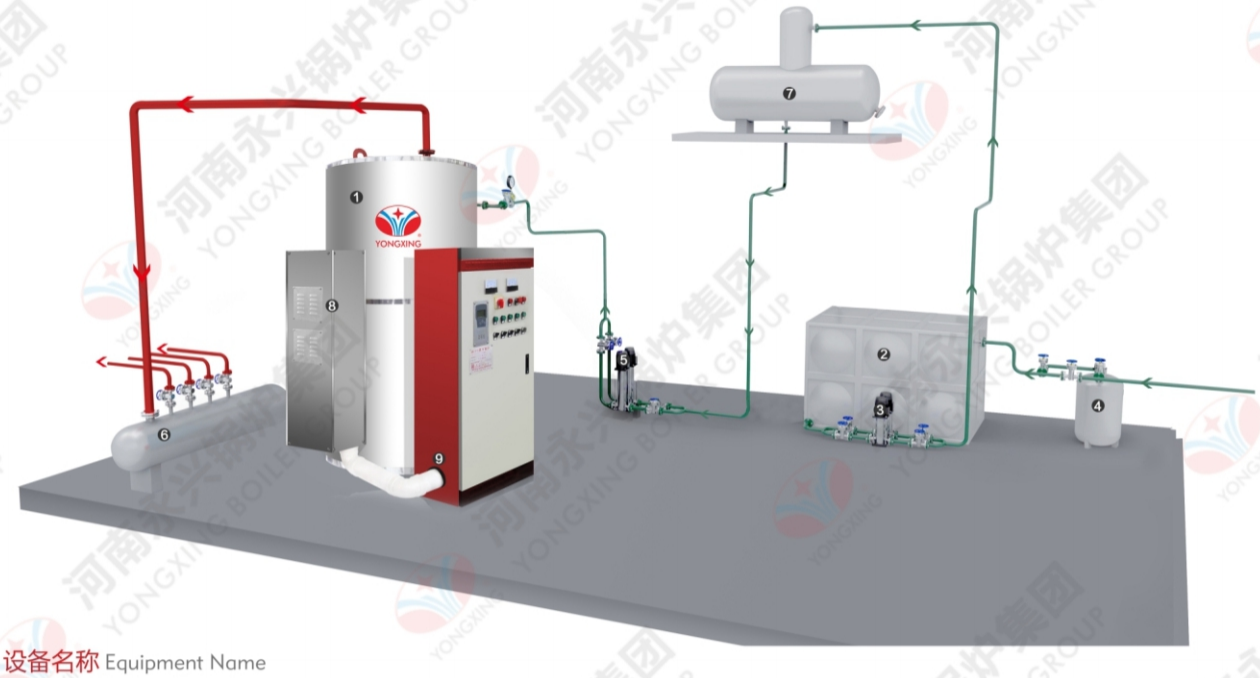
性能特点 Performance Characteristics

- 锅炉的加热元件采用优质不锈钢管状加热元件，传热面积大
- 产品采用全自动智能化控制技术，无需专人值守
- 可设置手动或自动模式， 提高了工作的灵活度和效率
- 运行过程中，锅炉不会产生噪音和污染，改善了工人的工作环境
- 热效率高达98%
- 锅炉可低负荷运行，灵活多变，最低可30%负荷运行
- 合理的设计和先进的制造工艺，使得锅炉占地空间小，方便运输
- 分段式启动加热，使得锅炉具有开机率高、对电网冲击箱小的特点
- 锅炉具有过流、短路、缺水、断水、超压等自动保护功能，一旦出现故障，在报警的同时，系统采取自动保护措施，保证了工人操作的安全性和设备的使用寿命
- 控制器对压力自动控制、演算、追踪，可在负荷变化时对给水泵、电加热管进行自动启停控制，也可手动控制

- The boiler heating element adopts stainless steel tubular heating element with large heat transfer area.
- The product adopts automatic intelligent control technology without special staff.
- Manual or automatic mode can be set to improve the flexibility and efficiency of work.
- During operation, the boiler will not generate noise or pollution, which improves the working environment of the workers.
- Thermal efficiency is as high as 98%.
- The boiler can operate under low load, flexible and changeful, with a minimum load of 30%.
- Reasonable design and advanced manufacturing technology make the boiler occupy small space and is convenient for transportation.
- The piecewise starting heating makes the boiler have the characteristics of high opening probability and small impact box to the power grid.
- The boiler has automatic protective functions such as overcurrent, short circuit, water shortage, water cut off, and overpressure etc. In case of failure, the system adopts automatic protective measures at the same time of alarm, ensuring safety of workers' operation and service life of equipment.
- The controller controls, calculates and tracks pressure automatically, and can automatically start and stop the feed water pump and electric heating tube when the load changes, and can also be controlled manually.

系统图 System Diagram

蒸汽管道 Steam Pipeline　水管道 Water Pipeline



设备名称 Equipment Name

1. 锅炉 Boiler
2. 水箱 Water Tank
3. 除氧泵 Deoxygenization Pump
4. 软水器 Water Softener
5. 给水泵 Feed Water Pump
6. 分汽缸 Steam Header
7. 除氧器 Deaerator
8. 电热管密封箱 Seal Box Of Electric Heating Pipe
9. 控制柜 Electric Control Cabinet

技术参数 Technical Parameters

• 蒸汽锅炉 Steam Boiler

型号规格 Model And Specification Unit	额定蒸发量 Rated Steam Capacity (T/h)	额定工作压力 Rated Working Pressure (MPa)	饱和蒸汽温度 Saturated Steam Temperature (℃)	热效率 Heat Efficiency (%)	额定功率 Rated Power (KW)	设计燃料 Design Fuel	最大运输重量 Max Transport Weight (KG)	最大运输尺寸 Max Transport Dimension(LxWxH) (MM)
LDR0.1-0.4	0.1				72		150	ϕ 600x1200
LDR0.2-0.4	0.2				144		430	ϕ 800x1400
LDR0.3-0.7	0.3	0.4	151	≥98	216	电能 Electricity	720	ϕ 1000x1500
LDR0.5-0.7	0.5	0.7	171		360		1100	ϕ 1100x1600
LDR0.7-0.7	0.7				504		1400	ϕ 1250x1750
LDR1.0-0.7	1				720		1600	ϕ 1300x1800

• 常压热水锅炉 Atmospheric Pressure Hot Water Boiler

型号规格 Model And Specification Unit	额定热功率 Rated Heat Power (MW)	额定工作压力 Rated Working Pressure (MPa)	额定出/回水温度 Rated Outlet/Return Temp (℃)	热效率 Heat Efficiency (%)	额定功率 Rated Power (KW)	设计燃料 Design Fuel	最大运输重量 Max Transport Weight (KG)	最大运输尺寸 Max Transport Dimension(LxWxH) (MM)
CLDR0.12-95/70	0.12				120		480	ϕ 900x1450
CLDR0.24-95/70	0.24				240		720	ϕ 1000x1500
CLDR0.35-95/70	0.35	0	95/70	≥98	360	电能 Electricity	1100	ϕ 1100x1600
CLDR0.48-95/70	0.48				480		1400	ϕ 1250x1750
CLDR0.70-95/70	0.7				720		1600	ϕ 1300x1800

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