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

WDR型电加热锅炉

WDR ELECTRIC HEATING BOILER

产品简介 Product Introduction

WDR型电加热锅炉是永兴锅炉集团推出的一款以电力为能源的卧式加热锅炉，主要包含电加热蒸汽锅炉、电加热常压热水锅炉和电加热承压热水锅炉。它采用电力作为加热能源，工作过程中不会产生废气、废渣、废料等，既改善了工人的工作环境，也符合国家的环保政策要求，是一款非常迎合客户需求的锅炉。与其他锅炉相比，它还具有噪音小、运行稳定、操作方便、热效率高等特点。

WDR型电加热锅炉采用炉体电控制柜分离方式，避免了元件受热老化产生的问题，提高了使用寿命。锅炉本体采用锅炉钢板，纵、环焊缝均为自动焊，并进行X射线探伤，既确保了锅炉的质量，也提高了外观的美观度。除此之外，它还可以自动跟踪检测循环泵，可以根据出水温度来控制循环泵的启动或关闭，以此来满足日常工作的要求。

WDR type electric heating boiler is a horizontal heating boiler taking electricity as power source introduced by Yongxing boiler group, mainly including electric heating steam boiler, electric heating atmospheric pressure hot water boiler and electric heating pressure hot water boiler. It uses electricity as heating energy, and will not produce waste gas, waste residue, waste, etc in the working process. It not only improves the working environment of workers, but also meets the requirements of the national environmental protection policy, is a kind of boiler that meets customers' requirements. Compared with other boilers, it also has the characteristics of small noise, stable operation, convenient operation and high thermal efficiency,etc.

WDR type electric heating boiler adopts the separation method of electric control cabinet and furnace body, which avoids the problem of aging of components because of heating and improves the service life.The boiler body adopts boiler steel plate, both longitudinal and girth welds are automatically welded, and X-ray inspection is carried out, which not only ensures the quality of the boiler, but also improves the aesthetic appearance. In addition, it can also automatically track and detect the circulating pump, and control the starting or closing of the circulating pump according to the outlet water temperature to meet the requirements of daily work.

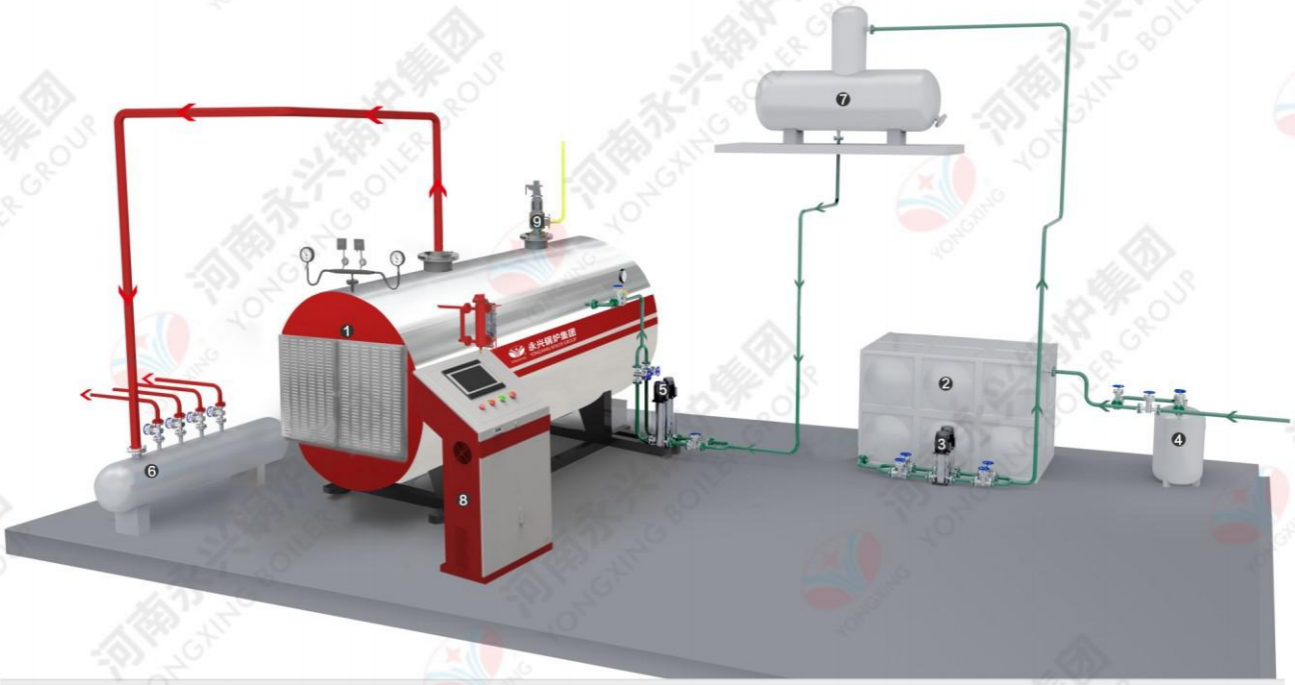
性能特点 Performance Characteristics

- 锅炉本体采用优质保温材料做保温，散热损耗小，减少了能源消耗
- 炉体与电控制装置完美组合，实现了机电一体化，减少了占用空间
- 电加热管与炉体采用法兰链接，便于拆装，维护保养也非常方便
- 具备自动记忆故障功能，方便查看维修
- 控制器采用数字液晶显示屏，全中文显示，图形化的运行界面，用户可直接通过显示屏查看设备运行参数
- 锅炉采用逐级加载或减载设计，有效的保护了加热元件，减小了对电网的冲击，延长了使用寿命
- 加热装置选用表面负荷比金属加热管低数倍的陶瓷电加热管，延长了使用寿命，提高了热效率，高达99%
- 可按照需要设定锅炉自动运行的时间段，更好的是一天可以设置多个不同的工作时段

- The boiler body adopts high-quality thermal insulation materials for thermal insulation, with low heat dissipation loss, reducing energy consumption.
- Perfect combination of furnace and electric control device, realizing electromechanical integration and reducing space occupation.
- The electric heating tube and furnace body are connected with flanges, which is convenient for disassembly and installation, and also convenient for maintenance.
- With automatic memory failure function, easy to check and repair.
- The controller adopts the digital LCD screen, which is displayed in all Chinese and has a graphical operation interface. Users can directly view the operation parameters of the equipment through the screen.
- The boiler adopts the design of step by step loading or load reduction, which effectively protects the heating element, reduces the impact on the power grid and extends the service life.
- The heating device selects ceramic electric heating tube whose surface load is several times lower than metal heating tube, which extends service life and improves thermal efficiency by up to 99%.
- The time period of automatic operation of the boiler can be set according to the need. Better that, multiple different working time periods can be set in a day.

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. 控制柜 Electric Control Cabinet
9. 安全阀 Safety Valve

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)
WDR0.3-0.7	0.3				216		950	2200X1300X1400
WDR0.5-0.7	0.5				360		1500	2400X1400X1600
WDR0.7-0.7	0.7				504		1700	2500X1500X1600
WDR1.0-0.7	1	0.7	171		720		1850	2600X1500X1900
WDR1.0-1.0	1	1.0	184		720		1850	2600X1500X1900
WDR2.0-0.7	2	1.25	194	≥98	1440	电能 Electricity	3000	3100X1700X2300
WDR2.0-1.0	2	1.6	205		1440		3000	3100X1700X2300
WDR2.0-1.25	2	2.5	225		1440		3100	3100X1700X2300
WDR2.0-1.6	2				1500		3250	3100X1700X2300
WDR2.0-2.5	2				1500		3360	3100X1700X2300
WDR4.0-1.25	4				2880		6800	4200X2000X2300

• 承压热水锅炉 Pressure Bearing 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)
WDR0.24-0.7/95/70	0.24				240		950	2200X1300X1400
WDR0.35-0.7/95/70	0.35				360		1500	2400X1400X1600
WDR0.48-0.7/95/70	0.48				480		1700	2500X1500X1600
WDR0.70-0.7/95/70	0.7	0.7	95/70	≥98	720	电能 Electricity	1850	2600X1500X1900
WDR1.05-0.7/95/70	1.05	1.0	115/90		1080		2550	2800X1600X2000
WDR1.4-0.7/95/70	1.4				1440		3100	3100X1700X2300
WDR2.8-0.7/95/70	2.8				2880		6800	4200X2000X2300

• 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)
CWDR0.24-95/70	0.24				240		855	2200X1300X1400
CWDR0.35-95/70	0.35				360		1350	2400X1400X1600
CWDR0.48-95/70	0.48				480		1530	2500X1500X1600
CWDR0.70-95/70	0.7	0	85/60 95/70	≥98	720	电能 Electricity	1670	2600X1500X1900
CWDR1.05-95/70	1.05				1080		2330	2800X1600X2000
CWDR1.4-95/70	1.4				1440		2800	3100X1700X2300
CWDR2.8-95/70	2.8				2880		6150	4200X2000X2300

相关案例 Related Project

2017.02 周口扶沟县德瑞皮革制品有限公司1.4MW常压热水锅炉

2017.02 1.4mw atmospheric pressure hot water boiler in Zhoukou Derui Leather Products Co.,Ltd

2017.01 山西茂鼎饮品有限公司2.1MW常压热水锅炉

2017.01 2.1mw atmospheric pressure hot water boiler in Shanxi Maoding Beverage Co., Ltd

2015.01 陕西神木县宾馆0.7MW电热水锅炉

2015.01 0.7mw electric hot water boiler in Shanxi hotel

2014.10 河南荥阳起升建材有限公司2t电蒸汽锅炉

2014.10 2t/h electric steam boiler in Henan Qisheng Construction Materials Co.,Ltd

聚永兴 创共赢

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