

ABR-E ARALSAN ELECTRIC STEAM BOILER



GENERAL

Designed for producing steam by using electricity specially where chimney installation difficult is.

*ALL IN ONE type package steam boiler including its all necessary equipment
Ready to use after making of connections (water, steam, electricity)
Certified according to 2014/68/EU PED directive and delivered with CE sign
User friendly control panel easy operation*

CAPACITY RANGE

Manufactured according to customer request at the capacity ranging from 10 kg/h steam to 15 000 kg/h steam and at the operation pressure ranging from 0.5 bar to 30 bar.

ALL IN ONE

Package delivery with its all necessary operation and safety equipment

<i>Boiler body</i>	<i>Air-went valve</i>
<i>Control panel</i>	<i>Bottom blowdown valve</i>
<i>Nice operation instruction</i>	<i>Surface blowdown valve</i>
<i>Electric heaters made from AISI 316 stainless steel tubes.</i>	<i>Water level controller</i>
<i>Integrated condensate tank</i>	<i>Water level gauge</i>
<i>Boiler feed pump</i>	<i>Pressure controller</i>
<i>Pump valves, check-valve, air-went valve, pressure gauge</i>	<i>Pressure gauge</i>
<i>Main steam valve</i>	<i>Condensate tank valves and water level gauge</i>
	<i>Condensate tank water level control electrodes</i>

SAFETY PROPERTIES

Safe operation with high efficiency

<i>Safety valves</i>	<i>Pump sub pressure controller</i>
<i>Safety pressure controller</i>	<i>Pump super pressure controller</i>
<i>Low water level electrodes</i>	<i>Overload protection system for pump moto</i>
<i>High water level electrodes</i>	<i>Phase protection relay</i>
<i>Condensate tank low level control electrodes</i>	<i>Alarm light and buzzer</i>
<i>Steam temperature controller</i>	

OPTIONAL ACCESSORIES

<i>Modulating water feeding system</i>	<i>Integrated deaerator</i>
<i>Automatic bottom blowdown</i>	<i>Hot water exchanger</i>
<i>Automatic surface blowdown</i>	<i>Steam head</i>
<i>Steam flowmeter</i>	<i>Steam separator</i>
<i>Steam flow rate adjustment system</i>	<i>Modulating pressure control with thyristor</i>
<i>Water softener</i>	<i>PLC control panel</i>
<i>Feed water dosage pump</i>	<i>Remote monitoring and remote control</i>

OPERATION FEATURES

Full automatic working
Automatic heater control according to steam pressure
Safety operation
Automatic control of each boiler parameter separately
High efficiency
Environment friendly operation
No flue gas emission

MANUFACTURING FEATURES

Manufactured with high quality certified boiler sheet in accordance with EN 12953
High quality welded or seamless boiler tubes certified according to pressure group
Vertical placement of electric heaters made from AISI 316 stainless steel
All welds are made by welders certified in accordance with EN 9606-1
All welds are controlled by NDT technicians and UT test is applied to a certain percentage of them ^[]*
Whole body is painted double coat with heat resistant paint
Insulated with rock wool and cladded with painted sheet
Handhole on it offers easy cleaning of water side
Mounted on power pedestal
ARALSAN's warranty extendable up to 5 years

[] NDT tests are applied if the CE certificate is required by the customer.*