

**ABR-A  
ARALSAN  
STEAM ROBOT  
1000 kg/h - 6000 kg/h**



**FUEL TYPE**

*Natural Gas, Fuel Oil, Furnace Oil, Diesel Oil, LPG, LNG, CNG*

**CAPACITY RANGE**

*Manufactured according to customer request from 1000 kg/h to 6000 kg/h steam at the operation pressure from 0.5 bar to 30 bar.*

**ALL IN ONE**

*Package delivery with its all necessary operation and safety equipment*

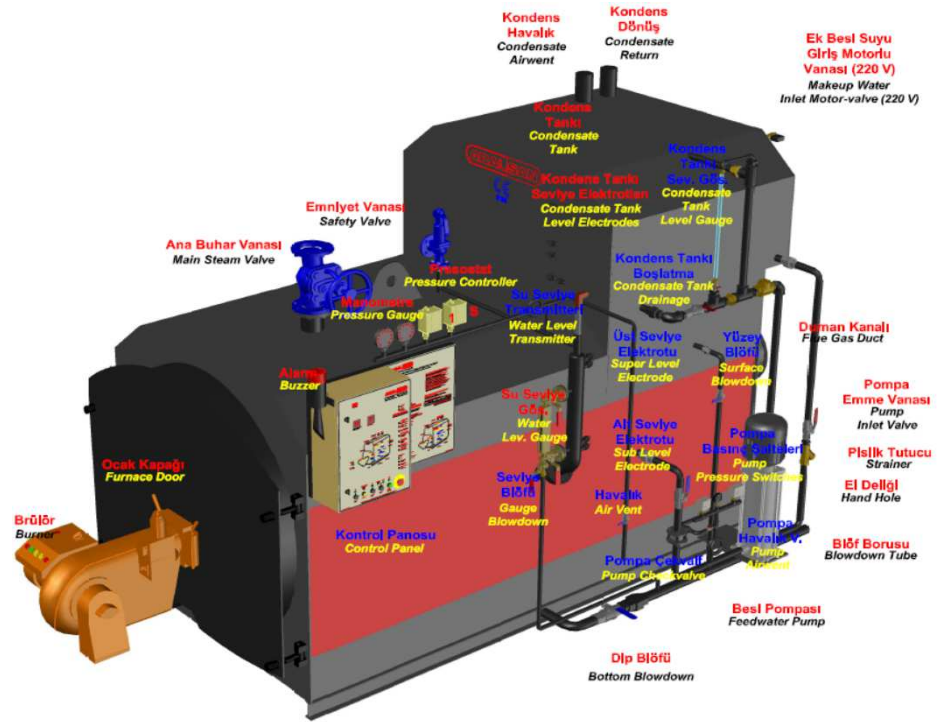
*Burner  
Single feed water pump (double is optional)  
Control panel  
Main steam valve  
Safety valve  
Condensate tank  
All operation and safety equipment  
Water softener (optional)  
Modulating feed water system with special modulating pump (optional)  
Automatic surface and bottom blowdown (optional)  
Oxygen trim system (optional)  
Compact deaerator (optional)  
Economizer (optional)*

**SAFETY PROPERTIES**

*Safe operation with high efficiency*

*Steam pressure control  
Steam temperature control  
Water level control  
Low water level control  
High water level control  
Flue gas temperature control*

*Pump low and high pressure controls  
Pump over load control  
Condensate tank low water level control  
Safety valve(s) (single up to 800 kg/h double after 800 kg/h)  
Burner flame control*



## DESIGN PROPERTIES

*Reverse flame shell boiler manufacturing in accordance with PED 2014/68/EU*

*Two-pass fire & smoke tube shell boiler manufactured in accordance with EN 12953*

*Head hole or man hole offering water side control of boiler*

*Rear hand hole offering cleaning of water side during yearly maintenance*

### Ceramic fiber sealing in front door

**Body wrapped by rock wool**

*Large steaming surface preventing water particles to go with steam*

**CE certificate ensuring user safety**

### PLC operated ARALSAN BOILER CONTROL PANEL



Conventional control panel is used between 1000 kg/h to 5000 kg/h

ARALSAN reserves the right to change the appearance and the equipment of the boiler and control panel.