

AKB-E
ARALSAN
ELECTRIC STEAM
SUPERHEATER
10 kg/h - 100 000 kg/h



FUEL TYPE

Electric

CAPACITY RANGE

Manufactured according to customer request

*Steam capacity : 10 kg/h to 100 000 kg/h
Steam pressure : 0.5 bar to 30 bar
Steam temperature : up to 650 °C*

ALL IN ONE

Package delivery with its all necessary operation and safety equipment

*Steam inlet, outlet and by-pass valves
Steam separator with its condensate drainage valves, strainer, steam trap, check valve
Flow control block (up to 12 bar)
Drainage valve
Safety valve
Step control panel (standard)
Modulating PLC control panel with thyristor (optional)
Air conditioner for control panel with thyristor (optional)*

SAFETY PROPERTIES

Safe operation with high efficiency

*High steam pressure control
High steam temperature control
Steam flow control (up to 12 bar)
Safety valve*



DESIGN PROPERTIES

Electric steam superheater manufacturing in accordance with PED 2014/68/EU

Two-pass shell steam superheater manufactured in accordance with EN 12953

The superheater body is made from P265 or P355GH steel up to 350 °C of superheated steam (AISI 316 or AISI 310 is used over 350 °C)

The electric heaters are manufactured from AISI 316 stainless steel seamless tubes

The electric heaters are installed at vertical position for preventing them bending with their own weights.

The body is painted with high temperature-resistant boiler paint and insulated with rock wool.

Easy operation and immediate access to the fault point are provided with the user friendly control panel.

The usage and maintenance instructions are mounted on the device.

It is delivered with all its hardware assembled, PLUG and PLAY, ready to use.

The system is protected against high steam pressure and high steam temperature.

Easy operation and immediate access to the fault point are provided with the user friendly control panel.

Step or modulating superheated (with thyristor) steam temperature control

CE certificate ensuring user safety

PLC operated ARALSAN CONTROL PANEL (optional)

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