



 **ESL**

WEIDNER

Dry Steam Cleaner

TYPE

Elektro 36kW

Stationary Dry Steam Cleaner



Fully automatic, electrically heated Dry Steam Cleaner with continuously variable regulation of steam working pressure and power of heating.

Features

- Safety control with electronic power relay, automatic operation, switch on and switch off by the operator, fully automatic operation is possible with additional equipment. Suitable for the connection of central control technology.
- Completely mounted and wired according to VDE, including integrated stainless steel feed water tank, feed water pump, regulation devices and all necessary shut-off and discharge valves.
- Automatically desalting, time controlled additional equipment for fully-automatic desalination. Desalination is effected during operation of the steam generator and prevents a thickening of the steam generator water with salts and a foaming resulting from it.
- Boiler body in steel with mineral wool and zinc-coated sheet-metal shell fully isolated.
- Water level regulator housing of stainless steel, isolated by mineral wool and stainless steel sheet.
- All integrated aggregates are easy accessible due to the service-friendly construction.
- Dry Steam Cleaner complete and pressure system are EU type approved and according to module B, they have passed a conformity evaluation process as per the guideline 97/23/EG for pressure vessels.
- The Dry Steam Cleaner "Elektro" with 12 bar equipment belongs to the module category II. The country specific prescriptions for the erection and operation of steam plants have to be observed.

Thermotimat

Additional device for a fully automatic starting and switching-off the steam generator by memory programmed control system. Start- and switch off times are programmable variously by an easy-module with display. It is possible to switch on and switch off the generator manual with a control unit. The connection of external switching devices is possible.

Automatic blow-down

Additional equipment for thermotimat, consisting of ball shut-off valve with constructed servo motor. Each time the steam generator has been switched off, the blowing-down is effected automatically.

Utility unit CVE

The elements as per before mentioned items are installed onto a solid welded construction, mounted at the steam generator. That construction is zinc coated.

Water softening plant CED 06

- Fully automatic, quantity-dependent controlled double unit
- Capacity 60 m³ between 2 regenerations at 1°dH (German hardness)
- 1 fine filter 1"
- 1 water meter 0-1 m³/h
- 1 tube disconnecter 1"

1 drainage group consisting of (per pipe):

- 1 steam dryer 1" PN 40
- 2 steam ball valve ½"
- 1 sight glass ½"
- 1 strainer ½"
- 1 ball float drainer ½"

- 1 dosing instrument "Electronic" for canister dosing, mounted to CVE
- 1 agent for electronic dosing (30 litres can)
- 1 testing device for indication

- 1 mixing cooler 50 litres steel sheet
- 1 temperature regulator and water solenoid valve
- 1 steam dryer 1" PN 40
- 1 drainage pump group

ORDER NO:	Stationary Dry Steam Cleaner Elektro36kW
Heating capacity	36kW
Mit Leistungswahlschalter einstellbar	50-100 %
Electrical connection	37,8 kW
Water volume	28 litres
Maximum permissible operating overpressure	12 bar, 0,6 MPa
Working to pressure subject to regulation	7,5-10 bar
Operating voltage	3 x 400 V / 50 Hz
Automatic regulation	0-100 % steam output
Steam supply	½"
Condensate	¾"
Desalting	½"
Feed water entry	½"
Safety valve	1"
Height	1.850mm
Depth	0.680mm
Width	0.880mm
Tare	Approx. 320kg