

# Steam generator PS200

electrically heated steam generator

**Stritzel**  
DAMPFTECHNIK

## Technical data

Model	PS200-10	PS200-15	PS200-20
<b>Electrical connection</b>			
Input supply voltage	400 V, 50 Hz, 3 Ph/N/PE		
Heating boiler	10 kW	15 kW	20 kW
Total connection	approx. 10 kW	approx. 15 kW	approx. 20 kW
Net protection	16 A	25 A	32 A
Outgoing signals	dry contacts: operation, fault <i>Additional messages on request</i>		
Incoming signals <i>(optional and negotiable)</i>	Emergency OFF, remote start, external blowdown, etc. <i>dry contacts must be made available</i>		
<b>Mechanical connection</b>			
Steam outlet	ball valve ½" i		
Water inlet	½" i		
Draining	ball valve ½" i		
Safety valve	1" i		
<b>Operating data</b>			
max. operating temperature	150°C / 180°C		
max. operating pressure	5 bar or 10 bar <i>(blow-off safety valve)</i>		
adjustable working pressure	0-4 bar or 0-9 bar, adjustable in increments of 0.1 bar Switching differential 0.2 bar under ideal conditions <i>(for more control on request)</i>		
max. amount of steam	14 kg/h	21 kg/h	28 kg/h
water content to NW	9,8 liter		
<b>Dimensions</b>			
Length	approx. 600 mm		
Width	approx. 400 mm		
Height	approx. 760 mm		
Weight	approx. 80 kg <i>(unfilled)</i>		



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## **Housing**

Base frame and hood made of stainless steel with integrated switch cabinet

## **Boiler casing**

Casing made of stainless steel 1.4571, electrically welded

## **Electrical equipment**

Control panel wired in accordance with VDE regulations (Association of German Electrical Engineers), visual water level indicator SiemensLOGO! PLC control, operating display, electronically controlled water level, heating element made of stainless steel, heating capacity adjustable in step (Exception: PS200-10 has only one heater)

## **Safety devices**

Overpressure safety valve (5bar or 10bar), overpressure limitation (mechanical), overpressure limitation (electronically), operational temperature limiter, electronically protection against water deficiency

## **Other devices**

DREWS controller, pressure gauge, operating hour counter, temperature display, water level display min/max, illuminated controls, stainless steel fittings

## **Equipment for PS- steam generators**

stationary or mobile consoles,  
feed water vessels,  
condensate tanks,  
drain water vessels,  
automatic blow-down systems,  
water softening equipments,  
steam traps,  
steam superheater,  
steam distribution,  
steam valves,  
other equipment on request



## **Multi-systems**

Because of the individual variety of our modular system it is possible to combine several steam generators. As a result you get a multi-system with a higher steam-output.

