

MODEL/
STEAM OUTPUT
(kg/h)*

10	20	40	60	80	100	130	160	200	260	320
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Heat output (kW)	8	16	32	48	67	80	107	120	160	200	240
Electrical power (kW)	8,7	16,7	32,7	48,7	67,7	80,7	107,7	120,7	160,7	200,7	240,7

The following services are incurred depending on the design.

Electrical power control voltage 230 VAC (option MX-CPA) (kW)	0,25	
Electrical power cooling unit (kW)	0,95	1,45
Electrial power feed water heating (kW)	9 / 18	9 / 18 / 27 / 36
Operating voltage	380-480 V · 50/60 Hz	

*based on feed water temperature of 10 °C and 0,6 MPa (6 bar) steam overpressure



CERTUSS

ELECTRIC STEAM GENERATOR

THE PERFORMANCE CLASS

GENERATION E

[TECHNICAL DATASHEET]

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ASSIST YOU!

CERTUSS
Dampfautomaten
GmbH & Co. KG

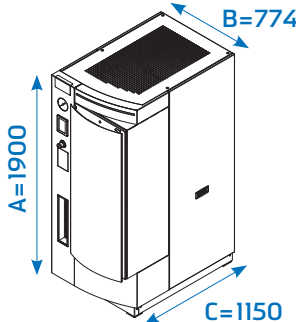
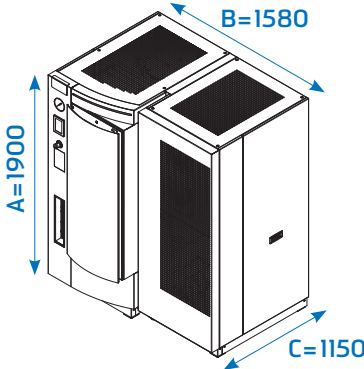
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Heat output (kW)	8	16	32	48	67	80	107	120	160	200	240	
Water volume (l)	37 (NW=18,5)			45 (NW=28,9)					89 (NW=56,7)			
Measures (mm)	Height (A) Width (B) Depth (C) 											
Empty weight (kg)	400			550					850			
Operating weight (kg)	520			630					960			
Design pressue	4 bar / 0,4 MPa											
	6 bar / 0,6 MPa											
	10 bar / 1,0 MPa											
	12 bar / 1,2 MPa											
	16 bar / 1,6 MPa											
Working pressure min. / max.	3,0 / 3,65 bar · 0,3 / 0,365 MPa											
	3,5 / 5,5 bar · 0,35 / 0,55 MPa											
	3,5 / 9,1 bar · 0,35 / 0,91 MPa											
	3,5 / 11,0 bar · 0,35 / 1,1 MPa											
	3,5 / 14,5 bar · 0,35 / 1,45 MPa											

CATEGORY

In accordance to DGRL2014/68/EU	4 bar	II	III
	6-16 bar	III	III
In accordance to BetrSichV	4 bar	II	III
	6-10 bar	III	III
	12-16 bar	III	IV

MATERIAL

Pressure vessel	P235GH / Stainless steel (AISI 304/AISI 316 Ti)
Feed water tank	Stainless steel (AISI 316 Ti)
Armatures	Brass / Stainless steel (AISI 316L/AISI 316 Ti)
Housing	S235JR / Stainless steel (AISI 304)

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Steam outlet	1/2"	1"
Soft water connection	1/2"	
Safety valve	4-6 bar	1"
	10-12 bar	1"
	16 bar	1 1/4"
Blow down / desalination line	1/2"	
Overflow / drainage feed water tank	1"	
Condensate return	1"	
Vapor vent line	1"	

VOLUME

Volume feed water tank	45,5 ltr.
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