



Application

Steam regenerators are used to produce saturated steam for a secondary system from steam or pressurized hot water. Pure steam, without any contaminants that might be detrimental to health such as hydrazine, is produced.

Steam regenerators are therefore especially suited for sterilizing equipment in hospitals, steaming and drying chambers in the foodstuff industry, and for the production of distillates.

Technical Data (standard)

Service pressure	primary [bar]	32
Service temperature	primary [°C]	250
Service pressure	secondary [bar]	13
Service temperature	secondary [°C]	200
Capacity range	[kW]	5000
Feedwater quality		EN 285

Steam regenerators for higher pressure/temperature ratings and larger capacities on request.

Standard Installation

Steam regenerators with self-acting heating-steam control

Installation of compact design with **manual** intermittent/continuous blowdown control, basic equipment, electric feedwater supply control with solenoid valve. Technical specifications: Max. heating steam pressure: 6 bar, max. pure steam pressure: 4 bar.

Type	Pure steam flowrate kg/h	∅ mm	Overall length mm	Max. design pressure/temperature primary bar/°C	Max. design pressure/temperature secondary bar/°C	Stock code	TÜV inspection charges €
GRDEm-S 1	75	406	2600	13/200	6/200	4981200	acc. to expenses
GRDEm-S 2	250	508	3500	13/200	6/200	4981300	
GRDEm-S 3	450	609	3600	13/200	6/200	4981400	
GRDEm-S 4	700	711	3800	13/200	6/200	4981500	

Steam regenerators with electric heating-steam control

Installation of compact design with **automatic** intermittent/continuous blowdown control, basic equipment, electric feedwater supply control with solenoid valve. Technical specifications: Max. heating steam pressure: 6 bar, max. pure steam pressure: 4 bar.

Type	Pure steam flowrate kg/h	∅ mm	Overall length mm	Max. design pressure/temperature primary bar/°C	Max. design pressure/temperature secondary bar/°C	Stock code	TÜV inspection charges €
GRDEe-S 1	75	406	2600	13/200	6/200	4981201	acc. to expenses
GRDEe-S 2	250	508	3500	13/200	6/200	4981301	
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