



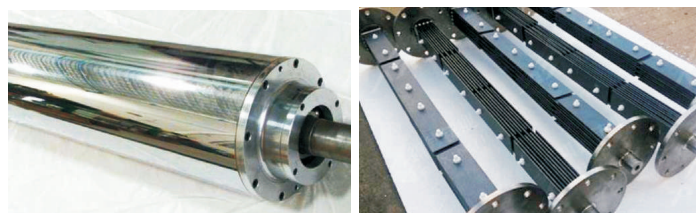
Versol Electric Boilers

VERSOCALD EHG & ESG Series

VERSOCALD EHG Series - ELECTRIC HOT WATER GENERATORS



The Versol Electric Hot Water Boiler is engineered to deliver safe, reliable, and energy-efficient hot water for commercial, industrial, and institutional applications. Featuring intelligent automatic controls, premium-quality components, advanced safety protection, and high-performance thermal insulation, it ensures consistent hot water supply, reduced operating costs, and dependable long-term performance. Designed for ease of operation and minimal maintenance, Versol Electric boilers provide clean, quiet, and environmentally friendly heating solutions.



Versol Electric Hot Water Boiler – Key Features

- Separate Electrical Control Cabinet for enhanced electrical protection, safer operation, and easier maintenance.
- Stainless Steel Immersion Heating Elements strategically positioned to maximise heat transfer efficiency and extend service life.
- High-Performance Thermal Insulation significantly reduces heat loss, improving energy efficiency and lowering operating costs.
- Fully Automatic Boiler Operation with intelligent control of water level, pressure, and heating functions for reliable performance.
- Advanced Scale Detection System continuously monitors the heating surfaces and provides early warning of scale build-up, ensuring safe and efficient operation.
- Clean, Quiet and Environmentally Friendly operation with zero combustion emissions, low noise levels, and a compact footprint.
- Versol Smart Touch Control System featuring a multilingual colour touchscreen with an intuitive user interface for simple operation and monitoring.
- Comprehensive Safety Protection with automatic shutdown in the event of low voltage, over-temperature, short circuit, low water level, or dry-firing. The system requires manual reset following fault diagnosis and rectification.
- Industrial-Grade Safety Controls incorporating multiple interlocks and protection devices to ensure dependable operation under all working conditions.
- Engineered for Reliability using high-quality components designed for continuous industrial and commercial service.

VERSOCALD EHG - 100 - 2800

Parameter	Unit	EHG - 100	EHG - 230	EHG - 470	EHG - 700	EHG - 1000	EHG - 1750	EHG - 1.0-700	EHG - 1.6 - 1400	EHG - 1.0-2100	EHG - 1.0-2800
Rated thermal power	KW	100	230	470	700	1000	1750	700	1400	2100	2800
Rated working pressure	MPa	/	/	/	/	/	/	1.0	1.6	1.0	1.0
Rated outlet water temperature	°C	95	95	95	95	95	95	95	95	95	95
Rated inlet water temperature	°C	70	70	70	70	70	70	70	70	70	70
Thermal efficiency	%	>98	>98	>98	>98	>98	>98	>98	>98	>98	>98
Rated power	kW	120	240	480	720	1050	1800	720	1500	2250	3000
(L×W×H) Overall dimension	mm	1398×890×960	1395×1050×1280	2000×1300×1525	2000×1100×1840	2580×1500×2150	2650×1790×2540	2640×1300×2830	3070×2240×3040	4060×2240×3210	4170×2540×3510
Weight of biggest part for transportation	kg	278	427	849	1400	2000	2750	2370	4340	5300	5900

VERSOCALD ESG Series - ELECTRIC STEAM GENERATORS



The Versol Electric Steam Boiler offers a reliable and environmentally responsible steam solution for industrial and commercial facilities. Designed with advanced automation, intelligent monitoring, and high-performance heating technology, it delivers rapid steam production while maintaining excellent energy efficiency. With a separate electrical control cabinet, stainless steel immersion heating elements, superior insulation, and comprehensive safety interlocks, Versol boilers provide dependable operation, reduced maintenance, and outstanding service life.

Versol Electric Steam Boiler – Key Features

- Premium Electrical Components sourced from globally recognised manufacturers, including Schneider Electric and Siemens, ensuring exceptional reliability, durability, and extended service life.
- Advanced Scale Detection Technology continuously monitors the heating surfaces, providing early warning of scale build-up to maintain efficiency and ensure safe boiler operation.
- Intelligent Staged Heating Control automatically sequences the electric heating elements to optimise power demand, improve energy efficiency, and reduce electrical load fluctuations.
- Programmable Start/Stop Scheduling enables automatic operation based on user-defined times, ensuring steam is available exactly when required while reducing energy consumption.
- Continuous Water Level Monitoring maintains the correct boiler water level under varying operating conditions, enhancing safety and operational reliability.
- Integrated Earth Leakage Protection automatically isolates the electrical supply if an earth leakage fault is detected, protecting both personnel and equipment.
- Pressure Interlock Safety System continuously monitors boiler pressure and automatically shuts down the system while activating an alarm if the preset pressure limit is exceeded.

VERSOCALD ESG - P - 06 - 360							
Parameter	unit	ESG - P - 06	ESG - P - 09	ESG - P - 12	ESG - P - 18	ESG - P - 24	ESG - P - 36
Electric power	kw	6	9	12	18	24	36
Rated evaporation rate	kg/H	8	12	17	25	34	50
Nominal working pressure	Mpa	0.8	0.8	0.8	0.8	0.8	0.8
Voltage	V	380	380	380	380	380	380
Vapor temperature	°C	≤170	≤170	≤170	≤170	≤170	≤170
Water Volume	L	<30	<30	<30	<30	<30	<30
Power consumption	kw/h	7.1	10.1	13.1	19.1	25.1	37.1
Total weight of the device	kg	118	118	118	118	118	132
Outline dimension	mm	705×710×1200	705×710×1200	705×710×1200	705×710×1200	705×710×1200	705×710×1400
Safety Valve Outlet	/	DN25	DN25	DN25	DN25	DN25	DN25
Inlet interface dimensions	/	DN20	DN20	DN20	DN20	DN20	DN20
Steam outlet dimension	/	DN15	DN15	DN15	DN15	DN15	DN15
Discharge outlet dimensions	/	DN15	DN15	DN15	DN15	DN15	DN15
Shell Material	/	304 Stainless Steel					
Heating pipe	/	1 piece	1 piece	1 piece	1 piece	1 piece	2 piece
Steam outlet time	/	3-5min	3-5min	3-5min	3-5min	3-5min	3-5min
Cable Matching	/	>4mm ²	>6mm ²	>6mm ²	>10mm ²	>10mm ²	>16mm ²
Air switch	/	>20A	>25A	>32A	>40A	>63A	>63A

VERSOCALD ESG Series - ELECTRIC STEAM GENERATORS



VERSOCALD ESG - P - 48- 96

Parameter	unit	ESG - P - 48	ESG - P - 54	ESG - P - 72	ESG - P - 96
Electric power	kw	48	54	72	96
Rated evaporation rate	kg/H	66	75	100	133
Nominal working pressure	Mpa	0.8	0.8	0.8	0.8
Voltage	V	380	380	380	380
Vapor temperature	°C	≤170	≤170	≤170	≤170
Water Volume	L	<50	<50	<50	<50
Power consumption	kw/h	49.1	55.1	73.1	97.1
Total weight of the device	kg	210	210	210	210
Outline dimension	mm	600×920×1550	600×920×1550	600×920×1550	600×920×1550
Safety Valve Outlet	/	DN25	DN25	DN25	DN25
Inlet interface dimensions	/	DN20	DN20	DN20	DN20
Steam outlet dimension	/	DN20	DN20	DN20	DN20
Discharge outlet dimensions	/	DN20	DN20	DN20	DN20
Shell Material	/	304 Stainless Steel			
Heating pipe	/	4 piece	4 piece	4 piece	4 piece
Steam outlet time	/	3-5min	3-5min	3-5min	3-5min
Cable Matching	/	>50mm ²	>50mm ²	>50mm ²	>50mm ²
Air switch	/	>350A	>350A	>350A	>350A

VERSOCALD ESG Series - ELECTRIC STEAM GENERATORS



VERSOCALD ESG - P - 108 - 192

Parameter	unit	ESG - P - 108	ESG - P - 144	ESG - P - 192
Electric power	kw	108	144	192
Rated evaporation rate	kg/H	150	200	260
Nominal working pressure	Mpa	0.8	0.8	0.8
Voltage	V	380	380	380
Vapor temperature	°C	≤170	≤170	≤170
Water Volume	L	<50	<50	<50
Power consumption	kw/h	109.1	145.1	193.1
Total weight of the device	kg	408	408	408
Outline dimension	mm	700×1560×1600	700×1560×1600	700×1560×1600
Safety Valve Outlet	/	DN25	DN25	DN25
Inlet interface dimensions	/	DN20	DN20	DN20
Steam outlet dimension	/	DN20	DN20	DN20
Discharge outlet dimensions	/	DN20	DN20	DN20
Shell Material	/	304 Stainless Steel		
Heating pipe	/	8 piece	8 piece	8 piece
Steam outlet time	/	3-5min	3-5min	3-5min
Cable Matching	/	>50mm ²	>50mm ²	>50mm ²
Air switch	/	>350A	>350A	>350A



VERSOCALD ESG Series - ELECTRIC STEAM GENERATORS

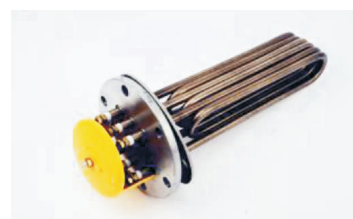
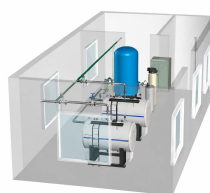


VERSOCALD ESG - P - 216 - 360			
Parameter	unit	ESG - P - 216	ESG - P - 360
Electric power	kw	216	360
Rated evaporation rate	kg/H	300	500
Nominal working pressure	Mpa	0.8	0.8
Voltage	V	380	380
Vapor temperature	°C	≤170	≤170
Water Volume	L	<50	<50
Power consumption	kw/h	217.1	361.1
Total weight of the device	kg	684	684
Outline dimension	mm	700×2360×1600	700×2360×1600
Safety Valve Outlet	/	DN25	DN25
Inlet interface dimensions	/	DN20	DN20
Steam outlet dimension	/	DN20	DN20
Discharge outlet dimensions	/	DN20	DN20
Shell Material	/	304 Stainless Steel	
Heating pipe	/	16 piece	16 piece
Steam outlet time	/	3-5min	3-5min
Cable Matching	/	>50mm ²	>50mm ²
Air switch	/	>350A	>350A

VERSOCALD ESG Series - ELECTRIC STEAM GENERATORS



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- Continuous Water Level Monitoring maintains the correct boiler water level under varying operating conditions, enhancing safety and operational reliability.
- Integrated Earth Leakage Protection automatically isolates the electrical supply if an earth leakage fault is detected, protecting both personnel and equipment.
- Pressure Interlock Safety System continuously monitors boiler pressure and automatically shuts down the system while activating an alarm if the preset pressure limit is exceeded.
- Clear Water Level Indication with an easy-to-read display providing continuous visual monitoring of the boiler water level for safe and efficient operation.
- Comprehensive Safety Management incorporating multiple electronic protection systems, intelligent fault diagnostics, and automatic shutdown functions for dependable and secure performance.
- Engineered for Continuous Industrial Duty, delivering reliable, efficient, and low-maintenance steam generation across a wide range of commercial and industrial applications.

VERSOCALD ESG - F - 405 - 2800

Parameter	Unit	ESG - F - 405	ESG - F - 750	ESG - F - 1500	ESG - F - 3000
Rated power	kW	405	750	1500	3000
Rated evaporation	t/h	0.5	1	2	4
Nominal working pressure	MPa	0.8	1.25	1.25	1.25
Rated steam temperature	°C	175	194	194	194
Feed water temperature	°C	20	20	20	20
Thermal efficiency	%	≥98	≥98	≥98	≥98
(L×W×H) Overall dimension	mm	2540×1880×1845	2810×1895×2250	3585×2240×2290	4585×2600×3595
Weight of biggest part for transportation	t	1.28	2.29	3.902	6.51

Water Heating & Cooling Solutions

Solar Water Heaters

Heat Exchangers

Storage Calorifiers

Heat Pump

Hot Water Boilers

Gas Fired Calorifiers

Electric Calorifiers

Steam Boilers



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