

EWx SERIES

ELECTRIC HOT WATER BOILER

The Sussman EWx next generation Electric Hot Water Boiler is a compact, environmentally friendly electric boiler that offers a smart and sustainable heating solution. Its small size allows for easy retrofitting into modern boiler systems, making it a popular choice for those looking to transition to hybrid or complete electric hydronic heating systems. The EWx features state-of-the-art connectivity, a user-friendly interface, and proven technologies, ensuring optimal efficiency and reliability. Engineered for easy installation, the product is designed to meet or exceed the swiftly evolving regulations and standards governing building electrification and decarbonization. It is an ideal choice for those who prioritize sustainability and energy efficiency. Our new EWx hot water boiler offers a clean and efficient heating solution for modern building designs.



FEATURES

- Size Range: 32 sizes from 270kW to 1200kW (903 to 4013 MBH)
- Compact footprint - All sizes fit through standard 36" wide doorway
- SCR standard for infinite turn-down, reduced cycling and extended component life
- Fully packaged solution for quick and easy install
- Right and Left Units for zero side clearance, multiple unit installation
- Smallest installed footprint - with 2 inch clearances on two sides, service from only one side and no overhead service clearance required
- NEW Advanced Electronic PID controls with 7" touchscreen user interface - compatible with Building Management System via built-in BacNet or ModBus (IP and MSTP)
- Approvals/Standards: UL834, ASME Section IV and ASME CSD-1 compliant
- 5kA standard with optional 100kA SCCR
- Maximum Operating Temperature: 230°F
- ASME 150 psi maximum pressure
- Suitable for glycol systems
- 10 year Warranty
- Designed and assembled in USA

APPLICATIONS

- Ideal for new or retrofit installations.
- Suitable for both single and multiple unit installations.
- Supports a variety of applications including:
 - Apartment Complexes
 - Prisons / Correctional Facilities
 - Hospitals / Nursing homes / Medical Centers
 - Hotels / Entertainment Facilities
 - Schools / Colleges / Universities / Dormitories
 - Commercial laundries
 - Government and Office buildings
 - Industrial applications

SPECIFICATIONS

EWx Models	KW	MBH	Qty 30kW Elements	Amperage				Flange Inlet/ Outlet Connections	Footprint Dimensions			Operating Weight 480, 600V** (lbs.)	Shipping Weight 480, 600V** (lbs.)
				208/3	240/3	480/3	600/3		Width (in.)	Depth (in.)	Height (in.)		
EWx270	270	902.8	9	751	651	326	261	3 in.	34.4	34.5	77.75	1568	1589
EWx300	300	1003.1	10	834	723	362	290	3 in.	34.4	34.5	77.75	1568	1604
EWx330	330	1103	11	918	795	398	318	3 in.	34.4	34.5	77.75	1568	1619
EWx360	360	1204	12	1001	868	434	347	3 in.	34.4	34.5	77.75	1568	1634
EWx390	390	1304	13	1084	940	470	376	3 in.	34.4	34.5	77.75	1568	1887
EWx420	420	1404	14	1168	1012	506	405	3 in.	34.4	34.5	77.75	1568	1902
EWx450	450	1505	15	1251	1084	542	434	3 in.	34.4	34.5	77.75	1568	1917
EWx480	480	321	16	1334	1157	579	463	3 in.	34.4	34.5	77.75	1568	1937
EWx510	510	1705	17	1418	1229	615	492	3 in.	34.4*	34.5	77.75	1568	2190
EWx540	540	1806	18	1501	1301	651	521	3 in.	34.4*	34.5	77.75	1568	2210
EWx570	570	1906	19	1585	1373	687	550	3 in.	34.4*	34.5	77.75	1568	2225
EWx600	600	2006	20	1668	1446	723	579	3 in.	34.4*	34.5	77.75	1568	2240
EWx630	630	2107	21	-	-	759	607	4 in.	49.4	34.5	77.75	1568	2813
EWx660	660	2207	22	-	-	795	636	4 in.	49.4	34.5	77.75	1568	2828
EWx690	690	2307	23	-	-	831	665	4 in.	49.4	34.5	77.75	1568	2843
EWx720	720	2408	24	-	-	868	694	4 in.	49.4	34.5	77.75	1568	2858
EWx750	750	2508	25	-	-	904	723	4 in.	49.4	34.5	77.75	1568	3111
EWx780	780	2608	26	-	-	940	752	4 in.	49.4	34.5	77.75	1568	3126
EWx810	810	2708	27	-	-	976	781	4 in.	49.4	34.5	77.75	1568	3141
EWx840	840	2809	28	-	-	1012	810	4 in.	49.4	34.5	77.75	1568	3161
EWx870	870	2909	29	-	-	1048	839	4 in.	49.4	34.5	77.75	1568	3414

*Note: 208/3 and 240/3 models are 49.4 in. wide.

** Note: Contact factory for Shipping and Operating weights of all 208/3 and 240/3 models.



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				208/3	240/3	480/3	600/3		Width (in.)	Depth (in.)	Height (in.)		
EWx900	900	3009	30	-	-	1084	868	4 in.	49.4	34.5	77.75	1568	3434
EWx930	930	3110	31	-	-	1120	896	4 in.	49.4	34.5	77.75	1568	3449
EWx960	960	3210	32	-	-	1157	925	4 in.	49.4	34.5	77.75	1568	3464
EWx990	990	3310	33	-	-	1193	954	4 in.	62.4	34.5	77.75	1568	3942
EWx1020	1020	3411	34	-	-	1229	983	4 in.	62.4	34.5	77.75	1568	3962
EWx1050	1050	3511	35	-	-	1265	1012	4 in.	62.4	34.5	77.75	1568	3982
EWx1080	1080	3611	36	-	-	1301	1041	4 in.	62.4	34.5	77.75	1568	4002
EWx1110	1110	3712	37	-	-	1337	1070	4 in.	62.4	34.5	77.75	1568	4255
EWx1140	1140	3812	38	-	-	1373	1099	4 in.	62.4	34.5	77.75	1568	4275
EWx1170	1170	3912	39	-	-	1409	1128	4 in.	62.4	34.5	77.75	1568	4290
EWx1200	1200	4013	40	-	-	1446	1157	4 in.	62.4	34.5	77.75	1568	4305

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MODEL FOOTPRINT COMPARISON



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