



Sioux EN-Series All-Electric Specifications

50 Hertz Models

SIOUX CORPORATION
One Sioux Plaza Beresford, SD 57004-1500

Models	Electrical Service	Operating Current (Amps)	Circuit Rating	Flow		Pressure		Motor		Drive	Pump (RPM)	Frame	Weight		Element (KW)	Element/Vessel design	Outlet Temp		Flow		Pressure		Outlet Temp	
	Volt/Phase/Hz			(GPM)	(LPM)	(PSI)	(BAR)	(HP)	(KW)				(LB)	(KG)			(°F)	(°C)	(GPM)	(LPM)	(PSI)	(BAR)	(°F)	(°C)
Steam Cleaners																								
EN-50-S	380/3/50	47	60	0.8	3.0	100	6.9	0.5	0.37	Belt	1360	1	475	216	30	F	317	158						
EN-100-S	380/3/50	94	125	1.6	6.1	100	6.9	0.5	0.37	Belt	1380	1	600	273	60	F	317	158						
EN-150-S	380/3/50	140	200	2.4	9.1	100	6.9	0.5	0.37	Belt	1455	4	900	409	90	F	317	158						
EN-200-S	380/3/50	185	225	3.2	12.1	100	6.9	0.75	0.56	Belt	1660	5	1300	591	120	F	317	158						
EN-50-S	415/3/50	44	50	0.8	3.0	100	6.9	0.5	0.37	Belt	1360	1	475	216	28.4	F	302	150						
EN-100-S	415/3/50	88	100	1.6	6.1	100	6.9	0.5	0.37	Belt	1380	1	600	273	57	F	302	150						
EN-150-S	415/3/50	132	150	2.4	9.1	100	6.9	0.5	0.37	Belt	1455	4	900	409	85	F	302	150						
EN-200-S	415/3/50	176	200	3.2	12.1	100	6.9	0.75	0.56	Belt	1660	5	1300	591	114	F	302	150						
EN-50-S	440/3/50	44	50	0.85	3.2	100	6.9	0.5	0.37	Belt	1360	1	475	216	32	F	318	159						
EN-100-S	440/3/50	88	100	1.7	6.4	100	6.9	0.5	0.37	Belt	1380	1	600	273	64	F	318	159						
EN-150-S	440/3/50	132	150	2.55	9.7	100	6.9	0.5	0.37	Belt	1455	4	900	409	96	F	318	159						
EN-200-S	400/3/50	176	200	3.4	12.9	100	6.9	0.75	0.56	Belt	1660	5	1300	591	128	F	318	159						
Hot Water Washers																								
EN-150-H4-1200	380/3/50	53	60	2.5	9.5	1200	82.7	2	1.49	Belt	1250	1	525	239	30	F	142	61						
EN-300-H4-1200	380/3/50	109	120	5.0	18.9	1200	82.7	5	3.73	Belt	1300	2	650	295	60	F	142	61						
EN-150-H4-1800	380/3/50	55	70	2.5	9.5	1800	124.1	3	2.24	Belt	1250	1	550	250	30	F	142	61						
EN-300-H4-1800	380/3/50	113	130	5.0	18.9	1800	124.1	7.5	5.60	Belt	1300	2	775	352	60	F	142	61						
EN-150-H4-3000 (QS)	380/3/50	58	70	2.5	9.5	3000	206.8	5	3.73	Belt	1250	1	675	307	30	F	142	61						
EN-300-H4-3000 (QS)	380/3/50	117	130	5.0	18.9	3000	206.8	10	7.46	Belt	1300	2	800	364	60	F	142	61						
EN-150-H8-1200	380/3/50	53	60	2.5	9.5	1200	82.7	2	1.49	Belt	1250	1	500	227	30	E	142	61	0.8	3.0	250	17.2	317	158
EN-300-H8-1200	380/3/50	109	120	2.0	18.9	1200	82.7	5	3.73	Belt	1300	2	625	284	60	E	142	61	1.6	6.0	250	17.2	317	158
EN-150-H8-1800	380/3/50	55	70	2.5	9.5	1800	124.1	3	2.24	Belt	1250	1	600	273	30	E	142	61	0.8	3.0	500	34.5	317	158
EN-300-H8-1800	380/3/50	113	130	5.0	18.9	1800	124.1	7.5	5.60	Belt	1300	2	700	318	60	E	142	61	1.6	6.0	500	34.5	317	158
EN-150-H8-3000 (QS)	380/3/50	58	70	2.5	9.5	3000	206.8	5	3.73	Belt	1250	1	625	284	30	E	142	61	0.8	3.0	500	34.5	317	158
EN-300-H8-3000 (QS)	380/3/50	117	130	5.0	18.9	3000	206.8	10	7.46	Belt	1300	2	950	432	60	E	142	61	1.6	6.0	500	34.5	317	158
EN-150-H4-1200	415/3/50	47	60	2.5	9.5	1200	82.7	2	1.49	Belt	1250	1	525	239	28.4	F	138	59						
EN-300-H4-1200	415/3/50	95	120	5.0	18.9	1200	82.7	5	3.73	Belt	1300	2	650	295	57	F	138	59						
EN-150-H4-1800	415/3/50	48	60	2.5	9.5	1800	124.1	3	2.24	Belt	1250	1	550	250	28.4	F	138	59						
EN-300-H4-1800	415/3/50	99	120	5.0	18.9	1800	124.1	7.5	5.60	Belt	1300	2	775	352	57	F	138	59						
Steam Performance Data																								
		Flow		Pressure		Outlet Temp																		
		(GPM)	(LPM)	(PSI)	(BAR)	(°F)	(°C)																	
		0.8	3.0	250	17.2	317	158																	
		1.6	6.0	250	17.2	317	158																	
		0.8	3.0	500	34.5	317	158																	
		1.6	6.0	500	34.5	317	158																	
Steam Performance Data																								
		Flow		Pressure		Outlet Temp																		
		(GPM)	(LPM)	(PSI)	(BAR)	(°F)	(°C)																	
		0.75	2.8	250	17.2	319	159																	
		1.5	5.7	250	17.2	319	159																	
		0.75	2.8	250	17.2	319	159																	
		1.5	5.7	250	17.2	319	159																	
		0.75	2.8	500	34.5	319	159																	
		1.5	5.7	500	34.5	319	159																	
Steam Performance Data																								
		Flow		Pressure		Outlet Temp																		
		(GPM)	(LPM)	(PSI)	(BAR)	(°F)	(°C)																	
		0.85	3.2	250	17.2	318	159																	
		1.7	6.4	250	17.2	318	159																	
		0.85	3.2	250	17.2	318	159																	
		1.7	6.4	250	17.2	318	159																	
		0.85	3.2	500	34.5	318	159																	
		1.7	6.4	500	34.5	318	159																	

Specifications Continued on Reverse Side



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Models	Electrical Service	Operating Current (Amps)	Circuit Rating	Flow		Pressure		Motor		Drive	Pump (RPM)	Frame	Weight		Element (KW)	Element / Vessel design	Outlet Temp		Flow		Pressure		Outlet Temp	
	Volt/Phase/Hz			(GPM)	(LPM)	(PSI)	(BAR)	(HP)	(KW)				(LB)	(KG)			(°F)	(°C)	(GPM)	(LPM)	(PSI)	(BAR)	(°F)	(°C)
Explosion-Proof Steam Cleaners																								
EN-50-S-XP	380/3/50	47	60	0.8	3.0	100	6.9	0.75	0.56	Belt	1360	1	725	330	30	F	317	158						
EN-100-S-XP	380/3/50	94	125	1.6	6.1	100	6.9	0.75	0.56	Belt	1380	1	850	386	60	F	317	158						
EN-150-S-XP	380/3/50	140	200	2.4	9.1	100	6.9	0.75	0.56	Belt	1455	4	1500	682	90	F	317	158						
EN-200-S-XP	380/3/50	185	225	3.2	12.1	100	6.9	0.75	0.56	Belt	1660	5	1900	864	120	F	317	158						
EN-50-S-XP	415/3/50	44	50	0.8	3.0	100	6.9	0.75	0.56	Belt	1360	1	725	330	28.4	F	302	150						
EN-100-S-XP	415/3/50	88	100	1.6	6.1	100	6.9	0.75	0.56	Belt	1380	1	850	386	57	F	302	150						
EN-150-S-XP	415/3/50	132	150	2.4	9.1	100	6.9	0.75	0.56	Belt	1455	4	1500	682	85	F	302	150						
EN-200-S-XP	415/3/50	176	200	3.2	12.1	100	6.9	0.75	0.56	Belt	1660	5	1900	864	114	F	302	150						
EN-50-S-XP	440/3/50	44	50	0.85	3.2	100	6.9	0.75	0.56	Belt	1360	1	725	330	32	F	318	159						
EN-100-S-XP	440/3/50	88	100	1.7	6.4	100	6.9	0.75	0.56	Belt	1380	1	850	386	64	F	318	159						
EN-150-S-XP	440/3/50	132	200	2.55	9.7	100	6.9	0.75	0.56	Belt	1455	4	1500	682	96	F	318	159						
EN-200-S-XP	440/3/50	176	200	3.4	12.9	100	6.9	0.75	0.56	Belt	1660	5	1900	864	128	F	318	159						
Explosion-Proof Hot Water Washers																								
EN-150-H4-1200-XP	380/3/50	53	60	2.5	9.5	1200	82.7	2	1.49	Belt	1250	1	750	341	30	F	142	61						
EN-300-H4-1200-XP	380/3/50	109	120	5.0	18.9	1200	82.7	5	3.73	Belt	1300	2	900	409	60	F	142	61						
EN-150-H4-1800-XP	380/3/50	55	70	2.5	9.5	1800	124.1	3	2.24	Belt	1250	1	800	364	30	F	142	61						
EN-300-H4-1800-XP	380/3/50	113	130	5.0	18.9	1800	124.1	7.5	5.60	Belt	1300	2	1125	511	60	F	142	61						
EN-150-H4-3000-XP (QS)	380/3/50	58	70	2.5	9.5	3000	206.8	5	3.73	Belt	1250	1	850	386	30	F	142	61	Steam Performance Data					
EN-300-H4-3000-XP (QS)	380/3/50	117	130	5.0	18.9	3000	206.8	10	7.46	Belt	1300	2	1150	523	60	F	142	61	Flow		Pressure		Outlet Temp	
EN-150-H8-1200-XP	380/3/50	53	60	2.5	9.5	1200	82.7	2	1.49	Belt	1250	1	725	330	30	E	142	61	(GPM)	(LPM)	(PSI)	(BAR)	(°F)	(°C)
EN-300-H8-1200-XP	380/3/50	109	120	2.0	18.9	1200	82.7	5	3.73	Belt	1300	2	850	386	60	E	142	61	0.8	3.0	250	17.2	317	158
EN-150-H8-1800-XP	380/3/50	55	70	2.5	9.5	1800	124.1	3	2.24	Belt	1250	1	775	352	30	E	142	61	1.6	6.0	500	34.5	317	158
EN-300-H8-1800-XP	380/3/50	113	130	5.0	18.9	1800	124.1	7.5	5.60	Belt	1300	2	950	432	60	E	142	61	0.8	3.0	500	34.5	317	158
EN-150-H8-3000-XP (QS)	380/3/50	58	70	2.5	9.5	3000	206.8	5	3.73	Belt	1250	1	875	398	30	E	142	61	1.6	6.0	500	34.5	317	158
EN-300-H8-3000-XP (QS)	380/3/50	117	130	5.0	18.9	3000	206.8	10	7.46	Belt	1300	2	1300	591	60	E	142	61	0.8	3.0	500	34.5	317	158
EN-150-H4-1200-XP	415/3/50	47	60	2.5	9.5	1200	82.7	2	1.49	Belt	1250	1	750	341	28.4	F	138	59						
EN-300-H4-1200-XP	415/3/50	95	120	5.0	18.9	1200	82.7	5	3.73	Belt	1300	2	900	409	57	F	138	59						
EN-150-H4-1800-XP	415/3/50	48	60	2.5	9.5	1800	124.1	3	2.24	Belt	1250	1	800	364	28.4	F	138	59						
EN-300-H4-1800-XP	415/3/50	99	120	5.0	18.9	1800	124.1	7.5	5.60	Belt	1300	2	1125	511	57	F	138	59						
EN-150-H4-3000-XP (QS)	415/3/50	52	60	2.5	9.5	3000	206.8	5	3.73	Belt	1250	1	850	386	28.4	F	138	59						
EN-300-H4-3000-XP (QS)	415/3/50	104	120	5.0	18.9	3000	206.8	10	7.46	Belt	1300	2	1150	523	57	F	138	59	Flow		Pressure		Outlet Temp	
EN-150-H8-1200-XP	415/3/50	47	60	2.5	9.5	1200	82.7	2	1.49	Belt	1250	1	725	330	28.4	E	138	59	(GPM)	(LPM)	(PSI)	(BAR)	(°F)	(°C)
EN-300-H8-1200-XP	415/3/50	95	120	5.0	18.9	1200	82.7	5	3.73	Belt	1300	2	850	386	57	E	138	59	0.75	2.8	250	17.2	319	159
EN-150-H8-1800-XP	415/3/50	48	60	2.5	9.5	1800	124.1	3	2.24	Belt	1250	1	775	352	28.4	E	138	59	1.5	5.7	250	17.2	319	159
EN-300-H8-1800-XP	415/3/50	99	120	5.0	18.9	1800	124.1	7.5	5.60	Belt	1300	2	950	432	57	E	138	59	0.75	2.8	250	17.2	319	159
EN-150-H8-3000-XP (QS)	415/3/50	52	60	2.5	9.5	3000	206.8	5	3.73	Belt	1250	1	875	398	28.4	E	138	59	1.5	5.7	250	17.2	319	159
EN-300-H8-3000-XP (QS)	415/3/50	104	120	5.0	18.9	3000	206.8	10	7.46	Belt	1300	2	1300	591	57	E	138	59	0.75	2.8	500	34.5	319	159
EN-150-H4-1200-XP	440/3/50	49	60	2.5	9.5	1200	82.7	2	1.49	Belt	1250	1	750	341	32	F	148	64						
EN-300-H4-1200-XP	440/3/50	100	120	5.0	18.9	1200	82.7	5	3.73	Belt	1300	2	900	409	64	F	148	64						
EN-150-H4-1800-XP	440/3/50	51	60	2.5	9.5	1800	124.1	3	2.24	Belt	1250	1	800	364	32	F	148	64						
EN-300-H4-1800-XP	440/3/50	103	120	5.0	18.9	1800	124.1	7.5	5.60	Belt	1300	2	1125	511	64	F	148	64						
EN-150-H4-3000-XP (QS)	440/3/50	54	70	2.5	9.5	3000	206.8	5	3.73	Belt	1250	1	850	386	32	F	148	64						
EN-300-H4-3000-XP (QS)	440/3/50	107	120	5.0	18.9	3000	206.8	10	7.46	Belt	1300	2	1150	523	64	F	148	64	Flow		Pressure		Outlet Temp	
EN-150-H8-1200-XP	440/3/50	49	60	2.5	9.5	1200	82.7	2	1.49	Belt	1250	1	725	330	32	E	148	64	(GPM)	(LPM)	(PSI)	(BAR)	(°F)	(°C)
EN-300-H8-1200-XP	440/3/50	100	120	5.0	18.9	1200	82.7	5	3.73	Belt	1300	2	850	386	64	E	148	64	0.85	3.2	250	17.2	318	159
EN-150-H8-1800-XP	440/3/50	51	60	2.5	9.5	1800	124.1	3	2.24	Belt	1250	1	775	352	32	E	148	64	1.7	6.4	250	17.2	318	159
EN-300-H8-1800-XP	440/3/50	103	120	5.0	18.9	1800	124.1	7.5	5.60	Belt	1300	2	950	432	64	E	148	64	0.85	3.2	250	17.2	318	159
EN-150-H8-3000-XP (QS)	440/3/50	54	70	2.5	9.5	3000	206.8	5	3.73	Belt	1250	1	875	398	32	E	148	64	1.7	6.4	250	17.2	318	159
EN-300-H8-3000-XP (QS)	440/3/50	107	120	5.0	18.9	3000	206.8	10	7.46	Belt	1300	2	1300	591	64	E	148	64	0.85	3.2	500	34.5	318	159

Frame Dimensions (LxWxH)

- #1 Frame- 50" x 22" x 33" (127cm x 56cm x 84cm)
- #2 Frame- 48" x 26" x 37" (122cm x 66cm x 94cm)
- #3 Frame- 49" x 26" x 37" (126cm x 66cm x 94cm)
- #4 Frame- 65" x 36" x 42" (165cm x 92cm x 107cm)
- #5 Frame- 76" x 54" x 42" (193cm x 137cm x 107cm)

Explosion-Proof Frame Dimensions (LxWxH)

- #1 Frame- 54" x 25" x 44" (137cm x 64cm x 110cm)
- #2 Frame- 53" x 30" x 44" (135cm x 76cm x 110cm)
- #3 Frame- 54" x 30" x 44" (137cm x 76cm x 110cm)
- #4 Frame- 68" x 41" x 44" (173cm x 104cm x 110cm)
- #5 Frame- 76" x 54" x 48" (193cm x 137cm x 122cm)

Heating Element and Vessel Design

- E- Encapsulated heating element and vessel
- F- Flanged heating element and vessel

Quick Ship models noted with a (QS)

Steam Option available on H8 models

Products may be covered by one or more US Patents and/or US Patents Pending

Performance ratings are based on 60° F (15° C) inlet water temperature and 70° F (21° C) air temperature at sea level. Performance and continuous operating current may vary +/-5%. The corporation reserves the right to make such changes as deemed advisable, which represent improvement of performance and/or reliability. For warranty specifications and limitations of Sioux Corporation, see form #847. The information contained in this brochure does not constitute a warranty. ©Copyright 2009 Sioux Corporation. No portion of this literature may be reproduced without express written permission of Sioux Corporation.