

Sioux EN-Series

All-Electric
Extra Heavy-Duty
Pressure Washers &
Steam Cleaners



Model EN5.0P1200-60XP



Model EN5.0H5000-60

When Performance, Reliability and Safety are Top Priorities...

The Sioux EN Series is the answer

Clean Air Assurance

Sioux's All-Electric steam cleaners, pressure washers and combination cleaners are ideal for indoor/outdoor use and in potentially hazardous environments. Unlike fuel-fired washers, Sioux's All-Electric line produces Zero Emissions, meaning no fumes, no exhaust and no open flames.

Electrical System Safety

Includes water-tight NEMA 4 enclosures, internal branch circuit breakers and components that meet NEC, UL and CSA standards.

No Preheating or Recovery Time

Heating element provides instant and continuous hot water or steam. It is constructed of Incoloy® sheathed element rods, enclosed in a hydrostatically-tested housing. Sioux patented encapsulated heating element design reduces weight and is more compact than flanged designs. No preheating or recovery time is required (no time is wasted waiting for a large storage reservoir to heat).

Water Pump Built to Last

Ceramic multi-plunger, positive displacement, oil-bath lubricated, and stainless steel valves. All models are belt driven so they operate at a lower RPM for extended life.

Motor with Thermal Overload Protection

High quality totally enclosed, fan cooled with thermal overload protection.

Patented SCR Advanced Digital Temperature Control System for Optimum Cleaning Efficiency (Optional)

Allows users to select an exact temperature for optimum cleaning efficiency. This system maintains the discharge temperature to within 1°F regardless of incoming temperature changes. System includes a digital readout display module with up and down arrow keys for easily adjusting the operating temperature.

Industrial Frame for Durability & Easy Maintenance

Allows convenient access to internal components for fast and easy maintenance.

- Rugged frame built from heavy-duty welded structural grade steel provides years of trouble-free service. Mounting options include caster, stationary or skid.
- Inlet water float tank on P and S models is stainless steel to minimize rust, and includes a valve to prevent overflow and backflow.
- Components are protected within the frame.
- Dual lifting eyes provide balanced hoisting for increased user safety.
- Heavy-duty gun, hose and power cord racks provide safe and convenient storage, protect components from damage, and eliminate a tripping hazard.
- Powder coat paint provides a durable, long-lasting finish.

Shut-off Gun for Increased Operator Safety

Shut-off gun stops water or steam discharge when the trigger is released. This feature increases operator safety and reduces energy and water usage. Steam cleaners feature the Sioux manufactured Walters steam gun.

Explosion-Proof Option for Hazardous Locations

Sioux's Explosion-Proof units are rugged cleaners designed specifically for use in hazardous environments, where safety is critical. These cleaners feature explosion-proof components, and a heavy-duty sealed cast aluminum enclosure with galvanized steel conduit. All models with the explosion-proof option meet Class I, Division I, Group C and D and Class II, Division I, Group F and G.

Additional Standard Features

- High temperature limit switch
- Pressure relief valve
- High pressure rupture disc
- Water flow switch
- 50' discharge hose
- Glycerin-filled pressure gauge
- Detergent injector or Metering valve
- Variety of cleaning nozzles
- Internal circuit breakers on units operating on 480 volt or less

Safety

All standard EN-Series All-Electric models meet the following recognized standards for safety and performance:

- OSHA regulation 1910.303(a) requiring electrical equipment be third-party certified for safety by a Nationally Recognized Testing Laboratory
- UL 1776, safety standard for high-pressure cleaning equipment
- CSA C 22.2 #68, safety standard for commercial/ industrial pressure washers and steam cleaners
- National Electric Code (NEC) and Canadian Electric Code (CEC)

Additional standards for explosion-proof models:

- UL 1203, standard for explosion-proof and dust-ignition-proof electrical equipment
- CSA C22.2 #30, standard for explosion-proof enclosures in Class I hazardous locations.
- CSA C22.2 #25, standard for explosion-proof enclosures in Class II, E, F, and G hazardous locations



Meets CSA, UL, NEC, CEC, OSHA

Specification Summary

Steam Cleaner Ratings - 60 Hz (600 Volt models available)

Model	Electricals Volt/Phase/Hz	Operating Current (A)	Circuit Rating (A)	Steam Cleaner GPM (LPM)	Steam Cleaner PSI (BAR)	Heat Input (KW)
EN0.8S250-60	480/3/60	39	50	0.8 (3.0)	250 (17.2)	38
EN1.6S250-60	480/3/60	76	100	1.6 (6.1)	250 (17.2)	60
EN2.0S250-60	480/3/60	95	125	2.0 (7.6)	250 (17.2)	76
EN3.0S250-60	480/3/60	142	200	3.0 (11.4)	250 (17.2)	114
EN4.0S250-60	480/3/60	188	225	4.0 (15.1)	250 (17.2)	152

High Pressure Hot Water Washer Ratings - 60 Hz (600 Volt models available)

Model	Electricals Volt/Phase/ Hz	Operating Current (A)	Circuit Rating (A)	Pressure Wash GPM (LPM)	Pressure Wash PSI (BAR)	Steam Cleaner GPM (LPM)	Steam Cleaner PSI (BAR)	Heat Input (KW)
EN2.4H1200-60	480/3/60	40	50	2.4 (9.1)	1,200 (82.7)	N/A	N/A	30
EN3.5H1200-60	480/3/60	51	60	3.5 (13.2)	1,200 (82.7)	N/A	N/A	38
EN5.0H1200-60	480/3/60	81	100	5.0 (18.9)	1,200 (82.7)	N/A	N/A	60
EN7.1H1200-60	480/3/60	103	125	7.1 (28.9)	1,200 (82.7)	N/A	N/A	76
EN2.4H1800-60	480/3/60	41	50	2.4 (9.1)	1,800 (124.1)	N/A	N/A	30
EN3.5H1800-60	480/3/60	54	100	3.5 (13.2)	1,800 (124.1)	N/A	N/A	38
EN5.0H1800-60	480/3/60	84	100	5.0 (18.9)	1,800 (124.1)	N/A	N/A	60
EN7.1H1800-60	480/3/60	107	125	7.1 (28.9)	1,800 (124.1)	N/A	N/A	76
EN2.4H3000-60	480/3/60	44	50	2.4 (9.1)	3,000 (206.8)	N/A	N/A	30
EN3.5H3000-60	480/3/60	57	100	3.5 (13.2)	3,000 (206.8)	N/A	N/A	38
EN5.0H3000-60	480/3/60	87	100	5.0 (18.9)	3,000 (206.8)	N/A	N/A	60
EN7.1H3000-60	480/3/60	113	125	7.1 (28.9)	3,000 (206.8)	N/A	N/A	76
EN5.0H5000-60	480/3/60	100	125	5.0 (18.9)	5,000 (344.7)	N/A	N/A	60
EN2.0P1200-60	480/3/60	50	60	2.0 (7.6)	1,200 (82.7)	1.0 (3.8)	250 (17.2)	38
EN3.6P1200-60	480/3/60	98	125	3.6 (13.6)	1,200 (82.7)	2.0 (7.6)	250 (17.2)	76
EN2.0P1800-60	480/3/60	51	60	2.0 (7.6)	1,800 (124.1)	1.0 (3.8)	250 (17.2)	38
EN4.0P1800-60	480/3/60	100	125	4.0 (15.1)	1,800 (124.1)	2.0 (7.6)	250 (17.2)	76
EN2.0P3000-60	480/3/60	54	100	2.0 (7.6)	3,000 (206.8)	1.0 (3.8)	500 (34.5)	38
EN4.0P3000-60	480/3/60	107	125	4.0 (15.1)	3,000 (206.8)	2.0 (7.6)	500 (34.5)	76

* Explosion-proof models (XP) are available for all models listed above.

Steam Cleaner Ratings - 50 Hz (400, 415, & 440 Volt models are available)

Model	Electricals Volt/Phase/Hz	Operating Current (A)	Circuit Rating (A)	Steam Cleaner GPM (LPM)	Steam Cleaner PSI (BAR)	Heat Input (KW)
EN0.8S250-50	380/3/50	49	60	0.8 (3.0)	250 (17.2)	30
EN1.6S250-50	380/3/50	96	125	1.6 (6.1)	250 (17.2)	60
EN2.4S250-50	380/3/50	142	200	2.4 (9.1)	250 (17.2)	90
EN3.2S250-50	380/3/50	189	255	3.2 (12.1)	250 (17.2)	120
EN4.0S250-50	380/3/50	235	300	4.0 (15.1)	250 (17.2)	150

High Pressure Hot Water Washer Ratings - 50 Hz (400, 415, & 440 Volt models are available)

Model	Electricals Volt/Phase/ Hz	Operating Current (A)	Circuit Rating (A)	Pressure Wash GPM (LPM)	Pressure Wash PSI (BAR)	Steam Cleaner GPM (LPM)	Steam Cleaner PSI (BAR)	Heat Input (KW)
EN2.5H1200-50	380/3/50	50	60	2.5 (9.5)	1,200 (82.8)	N/A	N/A	30
EN5.0H1200-50	380/3/50	102	125	5.0 (18.9)	1,200 (82.8)	N/A	N/A	60
EN2.5H1800-50	380/3/50	52	60	2.5 (9.5)	1,800 (124.1)	N/A	N/A	30
EN5.0H1800-50	380/3/50	106	125	5.0 (18.9)	1,800 (124.1)	N/A	N/A	60
EN2.5H3000-50	380/3/50	55	125	2.5 (9.5)	3,000 (206.9)	N/A	N/A	30
EN5.0H3000-50	380/3/50	110	150	5.0 (18.9)	3,000 (206.9)	N/A	N/A	60
EN5.0H5000-50	380/3/50	127	150	5.0 (18.9)	5,000 (344.8)	N/A	N/A	60
EN2.5P1200-50	380/3/50	50	60	2.5 (9.5)	1,200 (82.8)	0.8 (3.0)	250 (17.2)	30
EN5.0P1200-50	380/3/50	102	125	5.0 (18.9)	1,200 (82.8)	1.6 (6.1)	250 (17.2)	60
EN2.5P1800-50	380/3/50	52	60	2.5 (9.5)	1,800 (124.1)	0.8 (3.0)	500 (34.5)	30
EN5.0P1800-50	380/3/50	106	125	5.0 (18.9)	1,800 (124.1)	1.6 (6.1)	500 (34.5)	60
EN2.5P3000-50	380/3/50	55	70	2.5 (9.5)	3,000 (206.9)	0.8 (3.0)	500 (34.5)	30
EN5.0P3000-50	380/3/50	110	130	5.0 (18.9)	3,000 (206.9)	1.6 (6.1)	500 (34.5)	60

* Explosion-proof models (XP) are available for all models listed above.

Accessories - Options to Customize Your Cleaner

Walter's™ Heavy-Duty Steam Guns - Rated to 1500 PSI (103 BAR) and 450°F (232°C). Designed to withstand the most severe conditions. See Walter's Steam Gun Flyer for complete details.

Hose Reel - Manual crank hose reel with mounting bracket & jumper hose.

Machine Disconnect Switch - Factory installed.

Four Point Lift Pad Eyes on the Frame - Factory installed.

Wheel kit - Portability option for any unit with semi-pneumatic tires, tow handle, and auto set brake.

Emergency Stop Switch - Factory installed.

ASME Certified Heating Element Vessel(s) - Factory installed.

Power Cable and Gland - Consult factory for proper sizing.

Cage Style Frame - Ultra heavy-duty design made of 2", 11 gauge, square tubing material including four point lift pad eyes and forklift pockets.

Performance ratings are based on 60°F (15.5°C) inlet water temperature and 70°F (21.1°C) air temperature at sea level. Performance and continuous operating current may vary +/-5%. Sioux Corporation reserves the right to make such changes as deemed advisable, or which represent improvement of performance and/or reliability. The information contained in this brochure does not constitute a warranty. No portion of this literature may be reproduced without express written permission of Sioux Corporation.



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