

# Sioux EN-Series

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



Model EN4.0P3000-60XP



Model EN5.0H3000-60



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 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.

## 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 1, Group C and D and Class II, Division 1, Group F and G.

## Additional Standard Features

- Shut-off Gun
- 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 models are third-party certified 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



# 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
EN2.0S250-60	480/3/60	95	125	2.0 (7.6)	250 (17.2)	76
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)
EN2.4H3000-60	480/3/60	44	50	2.4 (9.1)	3,000 (206.8)	N/A	N/A	30
EN5.0H3000-60	480/3/60	87	100	5.0 (18.9)	3,000 (206.8)	N/A	N/A	60
EN5.0H5000-60	480/3/60	100	125	5.0 (18.9)	5,000 (344.7)	N/A	N/A	60
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

\* Alternate lower pressures can be achieved by wash tip change.

\*\* 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
EN3.2S250-50	380/3/50	189	255	3.2 (12.1)	250 (17.2)	120

## 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)
EN2.5H3000-50	380/3/50	55	125	2.5 (9.5)	3,000 (206.8)	N/A	N/A	30
EN5.0H3000-50	380/3/50	110	150	5.0 (18.9)	3,000 (206.8)	N/A	N/A	60
EN5.0H5000-50	380/3/50	127	150	5.0 (18.9)	5,000 (344.7)	N/A	N/A	60
EN2.5P3000-50	380/3/50	55	70	2.5 (9.5)	3,000 (206.8)	0.8 (3.0)	500 (34.5)	30
EN5.0P3000-50	380/3/50	110	130	5.0 (18.9)	3,000 (206.8)	1.6 (6.1)	500 (34.5)	60

\* Alternate lower pressures can be achieved by wash tip change.

\*\* 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.

## Which All-Electric Cleaner Is Best For Your Applications?

Sioux has decades of experience building high-quality all-electric equipment. Sioux's EN-Series All-Electric cleaners have an extra-heavy-duty industrial design built for use in the most rugged environments. The EN-Series units can be built explosion-proof for use in hazardous locations. Typical applications for these units are in the petroleum and mining industries.

The E-Series All-Electric cleaners have similar performance as the EN-Series but have a more compact, yet industrial-strength design. Typical applications for these units are in the food & beverage and manufacturing industries.

There are many other applications that either Series can be used; this is only a general guide. For a recommendation on exactly which model is best for you, please consult a Sioux representative to discuss your needs and your application.

EN-Series



E-Series

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.



## US GLOBAL RESOURCES

OVER 80 YEARS OF SERVICE TO A GROWING WORLD

Toll-free: +1-888-334-1440 | Ph: +1-830-755-4768  
Email: [usgr@usgr.com](mailto:usgr@usgr.com) | Website: [www.usgr.com](http://www.usgr.com)

