

Sioux Cold Water Washers

For The Most Demanding Cleaning Applications



Model C5.0E3000-60XP



Model C5.0E3000-60



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

Sioux Cold Water Pressure Washers

Sioux Cold Water Pressure Washers are great for jobs where hot water or steam is not required, such as blasting away dirt and mud. Few units on the market equal the performance and durability of Sioux machines. Sioux Cold Pressure Washers can use your in-house hot water to provide high pressure hot water for cleaning. This is an inexpensive alternative to purchasing a special hot pressure washer. Cold pressure washers with electric motors are the easiest units to operate since they require no fossil fuels, no exhaust ventilation and very little maintenance. Operating expenses for cold pressure washers are minimal.

Models with electric motors are third-party certified to UL 1776, and CSA 22.2 #68 safety standards, meet the National Electric Code (NEC), the Canadian Electric Code (CEC), and comply with OSHA Regulation 1910.303(a). Additionally, non-explosion proof, electric motor driven models are certified to UL 508A and CSA 22.2 #14.

Explosion-proof (XP) models are certified to UL 1203 and CSA C22.2 #25 & #30. XP models are designed for use in Class I, Division 1, Group C and D hazardous locations, Class II, Division 1, Group F and G hazardous locations and include a sealed cast aluminum explosion-proof electrical enclosure.

Standard Construction

Frame: Heavy-duty all welded, 14 gauge square tubing frame for non-XP models. 11 gauge for XP models.

Mountings: Non explosion-proof units are portable mounted on a two wheel cart. Explosion-proof units are stationary with lifting pad eye.

Paint: TGIC polyester powder coating for superior performance, providing a hard, resilient, durable, long-lasting finish which will maintain color and gloss longer.

Discharge Hose: High tensile steel wire hose with quick coupler fittings; Heat resistant, highly durable hose specifically designed and ideally suited for hot or cold temperature use.

Cleaning Gun: Trigger shut-off gun with variable pressure double barrel lance, including three wash tips.

Electrical: Units are available in 60 Hertz or 50 Hertz in various voltages.

Pumps: High quality industrial triplex plunger pumps with solid ceramic plungers include a die-cast aluminum crankcase with fins to provide optimal heat dissipation. Features forged brass head (unless stainless steel is required), bronze connecting rods (oversized to provide strength) and Buna rubber seals and packings.



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Water Pump Motor: Totally enclosed, fan cooled motor with thermal overload protection.

Additional Standard Features: Thermal Relief Valve to protect the pump when incoming water is too hot (most pumps are rated to 140°F or 60°C) and glycerin-filled pressure gauge.



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Cold Water Washer Specifications

60 Hz Models - **Electric** (230 & 460 Volt models are standard)

Model	Standard Electricals Volt/Phase/Hz	Motor HP (KW)	Operating Current AMPS	Circuit Rating AMPS	Flow GPM (LPM)	Pressure PSI (BAR)	Pump Drive
C2.4E3000-60	230/3/60	7.5 (5.6)	16	20	2.4 (9.1)	3,000 (206.8)	Belt
C5.0E3000-60	460/3/60	10 (7.5)	14	20	5.0 (18.9)	3,000 (206.8)	Belt
C5.0E5000-60	460/3/60	20 (14.9)	27	40	5.0 (18.9)	5,000 (344.7)	Belt

50 Hz Models - **Electric** (220, 380, & 415 Volt models are standard)

Model	Standard Electricals Volt/Phase/Hz	Motor HP (KW)	Operating Current AMPS	Circuit Rating AMPS	Flow GPM (LPM)	Pressure PSI (BAR)	Pump Drive
C2.5E3000-50	220/3/50	5 (3.7)	16	20	2.5 (9.5)	1,200 (82.7)	Belt
C5.0E3000-50	380/3/50	10 (7.5)	17	20	5.0 (18.9)	3,000 (206.8)	Belt
C5.0E3000-50	415/3/50	10 (7.5)	16	20	5.0 (18.9)	3,000 (206.8)	Belt
C5.0E5000-50	380/3/50	20 (14.9)	34	40	5.0 (18.9)	5,000 (344.7)	Belt
C5.0E5000-50	415/3/50	20 (14.9)	31	40	5.0 (18.9)	5,000 (344.7)	Belt

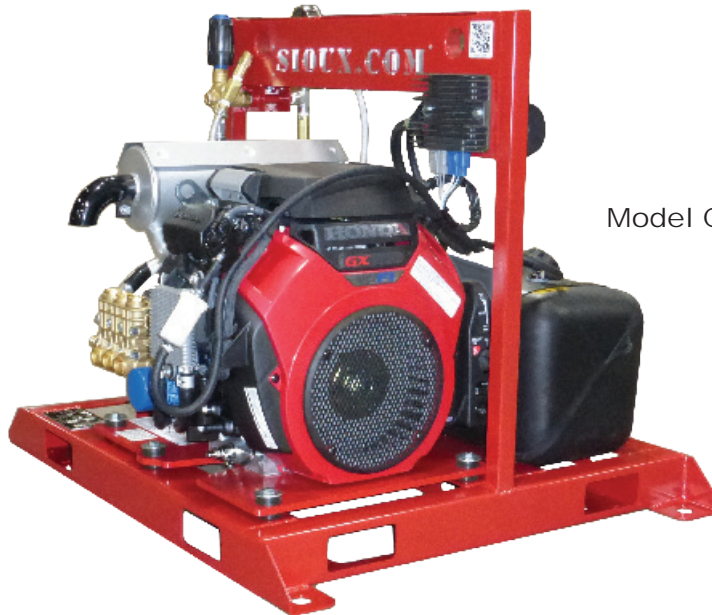
Explosion-proof models are available for all 60Hz & 50Hz electric models listed above and indicated using an XP at the end of the model number. XP units are built on a stationary frame with lifting pad eye.

Engine Driven Models - **12 Volt**

Model	Fuel	Engine HP (KW)	Engine Start	Flow GPM (LPM)	Pressure PSI (BAR)	Cart or Skid Mount	Pump Drive
C3.5G3000	Gasoline	11 (8.2)	Electric	3.5 (13.2)	3,000 (206.8)	Two Wheel Cart	Direct/Flex
C5.5G3000	Gasoline	24.9 (18.5)	Electric	5.5 (20.8)	3,000 (206.8)	Skid with Pockets	Direct/Flex
C5.5D3000	Diesel	20.6 (15.4)	Electric	5.5 (20.8)	3,000 (206.8)	Skid with Pockets	Direct/Flex

Engine Driven Cold Water Washers

Sioux engine driven cold water pressure washers are great for remote cleaning jobs where electricity is not readily available. These heavy-duty units are powered by an industrial gas or diesel engine that directly drives the pump via gear reduction. The C3.5G3000 is mounted on a two wheel cart, while the larger C5.5G3000 and C5.5D3000 are mounted on a rugged skid with fork lift pockets and lifting bars. When you need a pressure washer that is built to clean anytime, anywhere, year after year (for decades), choose a Sioux engine driven cold water washer.



Model C5.5G3000

What Makes Sioux Different?

Conservative Design

Sioux does not undersize components such as motors, pumps, burners, frames or engines, which is common elsewhere.

Proven Performance

Sioux machines are dependable in the field. Combining high quality components with over 80 years of custom manufacturing experience and extensive engineering design capabilities allows Sioux to provide the industrial workplace with the best equipment for continuous operation.

Simple Operation

Sioux machines are designed to be simple to install, operate and maintain.

Factory Testing

Every Sioux machine is thoroughly tested in our on-site testing facility before it leaves the factory.

Custom Capabilities

Sioux is well-known for its custom capabilities. Specialized options can be added to the unit to meet your specific needs. Some of these include trailer mountings, nearly any voltage for overseas applications, water tanks, alterations for severe temperature or altitudes, custom sizes and more.

Safety

In addition to dependability and simple operation, operator safety is a top design consideration for all Sioux products.

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