

# **Compact, Efficient, Rugged Equipment for Demanding Cleaning Applications**

**Only Sioux Cold Water Pressure Washers Offer All of the Following Benefits:**

- Designed for long life and continuous use in heavy-duty applications.
- Heavy-duty pump, motor, and frame.
- Explosion-proof option.
- Alternate electricals.
- Reliability since 1939.
- Wide range options!



**Sioux Cold Water Washer  
Model C4E2500  
4 GPM @ 2500 PSI  
7.5HP Motor, 230V/3Ph/60Hz**

# 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. They are excellent for vehicle and grounds maintenance, as well as applications where cold water cleaning is preferred. 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 various surfaces. 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.

The following sections highlight Sioux's standard models in the cold water washer line. Sioux is an industry leader in custom-built cleaners, and can build to meet other specifications or application-specific cleaning jobs.

## Standard Construction

**Frame:** Heavy-duty all welded, 14 gauge square tubing frame.

**Mountings:** Non-explosion proof portable units are mounted on wheels. Explosion-proof units are stationary, with lifting eyes.

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

**SIoux Model C5D5000**  
**5 GPM @ 5,000 PSI, 25 HP motor**  
**Shown with two-wheel cart.**



**SIoux Model C4.5E3000XP**  
**4.5 GPM @ 3000 PSI**  
**10 HP motor,**  
**230V/3Ph/60Hz**  
**(Explosion Proof Model**  
**shown with stationary frame)**



**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 type gun, including three wash tips.

**Water Pump Motor:** Totally enclosed, fan cooled motor, with thermal overload protection, direct drive or belt driven.

**Electrical:** Units are available in 60 Hertz or 50 Hertz, single or 3 Phase, in various voltages.

**Gas and Diesel Engine Driven Units:** Two wheel cart standard mounting; pull or electric start; direct driven up to 18 HP; over 18 HP is belt driven. Low oil and high temperature shut down are standard on 18 HP units and larger.

**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. Direct drive, flex coupled and belt driven pumps are available.

**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.

# Cold Water Pressure Washer Specifications

## 60 HERTZ MODEL – ELECTRIC, NON-EXPLOSION PROOF\*

| MODEL     | STANDARD ELECTRICALS | MOTOR |       | OPERATING CURRENT | RECOMMENDED CIRCUIT RATING | FLOW |      | PRESSURE |       | PUMP         |
|-----------|----------------------|-------|-------|-------------------|----------------------------|------|------|----------|-------|--------------|
|           | VOLTS/PHASE/HERTZ    | HP    | KW    | AMPS              | AMPS                       | GPM  | LPM  | PSI      | BAR   |              |
| C4E1000   | 230/1/60             | 3     | 2.24  | 16                | 20                         | 4    | 15.1 | 1,000    | 68.9  | Direct Drive |
| C4E2000   | 230/1/60             | 5     | 3.73  | 21                | 30                         | 4    | 15.1 | 2,000    | 137.8 | Direct Drive |
| C4E2500   | 230/3/60             | 7.5   | 5.60  | 35                | 50                         | 4    | 15.1 | 2,500    | 172.3 | Flex Drive   |
| C4.5E3000 | 230/3/60             | 10    | 7.46  | 44                | 60                         | 4.5  | 17   | 3,000    | 206.7 | Flex Drive   |
| C5E5000   | 460/3/60             | 20    | 14.92 | 27                | 40                         | 5    | 18.9 | 5,000    | 344.5 | Belt Drive   |

\*Two-wheel cart mounted

## 60 HERTZ MODEL – ELECTRIC, EXPLOSION PROOF\*

| MODEL       | STANDARD ELECTRICALS | MOTOR |       | OPERATING CURRENT | RECOMMENDED CIRCUIT RATING | FLOW |      | PRESSURE |       | PUMP         |
|-------------|----------------------|-------|-------|-------------------|----------------------------|------|------|----------|-------|--------------|
|             | VOLTS/PHASE/HERTZ    | HP    | KW    | AMPS              | AMPS                       | GPM  | LPM  | PSI      | BAR   |              |
| C4E1000XP   | 230/3/60             | 3     | 2.24  | 10                | 20                         | 4    | 15.1 | 1,000    | 68.9  | Direct Drive |
| C4E2000XP   | 230/3/60             | 5     | 3.73  | 15                | 30                         | 4    | 15.1 | 2,000    | 137.8 | Direct Drive |
| C4E2500XP   | 230/3/60             | 7.5   | 5.60  | 35                | 50                         | 4    | 15.1 | 2,500    | 172.3 | Flex Drive   |
| C4.5E3000XP | 230/3/60             | 10    | 7.46  | 44                | 60                         | 4.5  | 17   | 3,000    | 206.7 | Flex Drive   |
| C5E5000XP   | 460/3/60             | 20    | 14.92 | 27                | 40                         | 5    | 18.9 | 5,000    | 344.5 | Belt Drive   |

\*Stationary mounted

## GAS ENGINE DRIVEN\*

| MODEL   | ENGINE |       | PULL OR ELECTRIC START | FLOW |      | PRESSURE |       | PUMP         |
|---------|--------|-------|------------------------|------|------|----------|-------|--------------|
|         | HP     | KW    |                        | GPM  | LPM  | PSI      | BAR   |              |
| C3G1800 | 6      | 4.48  | Pull                   | 3    | 11.4 | 1,800    | 124.0 | Direct Drive |
| C4G2800 | 12     | 8.95  | Electric               | 4    | 15.1 | 2,800    | 192.9 | Direct Drive |
| C5G3400 | 18     | 13.43 | Electric               | 5    | 18.9 | 3,400    | 234.3 | Direct Drive |

\*Two-wheel cart mounted

## DIESEL ENGINE DRIVEN\*

| MODEL   | ENGINE |       | PULL OR ELECTRIC START | FLOW |      | PRESSURE |       | PUMP         |
|---------|--------|-------|------------------------|------|------|----------|-------|--------------|
|         | HP     | KW    |                        | GPM  | LPM  | PSI      | BAR   |              |
| C4D3000 | 14     | 10.44 | Electric               | 4    | 15.1 | 3,000    | 206.7 | Direct Drive |
| C5D3400 | 19     | 14.17 | Electric               | 5    | 18.9 | 3,400    | 234.3 | Belt Drive   |
| C5D5000 | 25     | 18.65 | Electric               | 5    | 18.9 | 5,000    | 344.5 | Belt Drive   |

\*Two-wheel cart mounted

## 50 HERTZ MODEL – ELECTRIC, NON-EXPLOSION PROOF\*

| MODEL     | STANDARD ELECTRICALS | MOTOR |      | OPERATING CURRENT | RECOMMENDED CIRCUIT RATING | FLOW |      | PRESSURE |       | PUMP         |
|-----------|----------------------|-------|------|-------------------|----------------------------|------|------|----------|-------|--------------|
|           | VOLTS/PHASE/HERTZ    | HP    | KW   | AMPS              | AMPS                       | GPM  | LPM  | PSI      | BAR   |              |
| C4E2000   | 220/1/50             | 5     | 3.73 | 26                | 40                         | 4    | 15.1 | 2,000    | 137.8 | Direct Drive |
| C3.9E2000 | 380/3/50             | 5     | 3.73 | 16                | 20                         | 3.9  | 14.8 | 2,000    | 137.8 | Flex Drive   |
| C4.2E2800 | 380/3/50             | 10    | 7.46 | 32                | 40                         | 4.2  | 15.9 | 2,800    | 192.9 | Flex Drive   |
| C3.9E2000 | 415/3/50             | 5     | 3.73 | 16                | 20                         | 3.9  | 14.8 | 2,000    | 137.8 | Flex Drive   |
| C4.2E2800 | 415/3/50             | 10    | 7.46 | 32                | 40                         | 4.2  | 15.9 | 2,800    | 192.9 | Flex Drive   |
| C3.9E2000 | 440/3/50             | 5     | 3.73 | 16                | 20                         | 3.9  | 14.8 | 2,000    | 137.8 | Flex Drive   |
| C4.2E2800 | 440/3/50             | 10    | 7.46 | 32                | 40                         | 4.2  | 15.9 | 2,800    | 192.9 | Flex Drive   |

\*Two-wheel cart mounted

## 50 HERTZ MODEL – ELECTRIC, EXPLOSION PROOF\*

| MODEL       | STANDARD ELECTRICALS | MOTOR |      | OPERATING CURRENT | RECOMMENDED CIRCUIT RATING | FLOW |      | PRESSURE |       | PUMP       |
|-------------|----------------------|-------|------|-------------------|----------------------------|------|------|----------|-------|------------|
|             | VOLTS/PHASE/HERTZ    | HP    | KW   | AMPS              | AMPS                       | GPM  | LPM  | PSI      | BAR   |            |
| C3.9E2000XP | 380/3/50             | 5     | 3.73 | 16                | 20                         | 3.9  | 14.8 | 2,000    | 137.8 | Flex Drive |
| C4.2E2800XP | 380/3/50             | 10    | 7.46 | 32                | 40                         | 4.2  | 15.9 | 2,800    | 192.9 | Flex Drive |
| C3.9E2000XP | 415/3/50             | 5     | 3.73 | 16                | 20                         | 3.9  | 14.8 | 2,000    | 137.8 | Flex Drive |
| C4.2E2800XP | 415/3/50             | 10    | 7.46 | 32                | 40                         | 4.2  | 15.9 | 2,800    | 192.9 | Flex Drive |
| C3.9E2000XP | 440/3/50             | 5     | 3.73 | 16                | 20                         | 3.9  | 14.8 | 2,000    | 137.8 | Flex Drive |
| C4.2E2800XP | 440/3/50             | 10    | 7.46 | 32                | 40                         | 4.2  | 15.9 | 2,800    | 192.9 | Flex Drive |

\*Stationary mounted

# ACCESSORIES

| PART NUMBER | DESCRIPTION  |
|-------------|--|
| AC00305     | 3/8" x 50' One-Wire-Braid Hose<br>(Rated for 3000 PSI at 250°F & 350 PSI at 325°F) |
| AC00306     | 3/8" x 50' Two-Wire-Braid Hose<br>(Rated for 5000 PSI at 212°F max temperature)    |
| AC00513     | 1/2" x 50' Two-Wire-Braid Hose<br>(Rated for 5000 PSI at 212°F max temperature)    |
| FT00109     | 3/8" FPT Brass Quick Coupler Body<br>(Maximum Pressure 2700 PSI)                   |
| FT00110     | 3/8" FPT Brass Quick Coupler Nipple<br>(Maximum Pressure 2700 PSI)                 |
| FT00112     | 3/8" MPT Brass Quick Coupler Body<br>(Maximum Pressure 2700 PSI)                   |
| FT00113     | 3/8" MPT Brass Quick Coupler Nipple<br>(Maximum Pressure 2700 PSI)                 |
| FT00116     | 1/2" FPT Brass Quick Coupler Body<br>(Maximum Pressure 2200 PSI)                   |
| FT00120     | 1/2" MPT Brass Quick Coupler Nipple<br>(Maximum Pressure 2200 PSI)                 |

| PART NUMBER     | DESCRIPTION  |
|-----------------|--|
| FT00119         | 1/2" MPT Brass Quick Coupler Body<br>(Maximum Pressure 2200 PSI)     |
| FT00117         | 1/2" FPT Brass Quick Coupler Nipple<br>(Maximum Pressure 2200 PSI)   |
| FT01039         | 3/8" FPT Steel Quick Coupler Body<br>(Maximum Pressure 10,000 PSI)   |
| FT00604         | 3/8" FPT Steel Quick Coupler Nipple<br>(Maximum Pressure 10,000 PSI) |
| Consult Factory | Manual Crank Hose Reel Package                                       |

## CLEANING COMPOUNDS

|         |                                      |
|---------|--------------------------------------|
| AC00735 | Sioux Alkaline Degreaser, 5 Gallon   |
| AC00736 | Sioux Alkaline Degreaser, 55 Gallon  |
| AC00737 | Sioux Steam Degreaser, 5 Gallon      |
| AC00738 | Sioux Brushless Truck Wash, 5 Gallon |
| AC00739 | Sioux Two Part Alkaline Degreaser    |
| AC00740 | Sioux Low pH Degreaser, 5 Gallon     |



**Sioux is the industry leader in all-electric cleaners and application-specific designs. Wide range of options available, such as explosion-proof and 50 Hz electricals, stainless steel and other optional frame designs, to provide the EXACT equipment you need.**

This product is covered by one or more U.S. patents and/or U.S. patents pending. Copyright 2006 Sioux Corporation. No portion of this literature may be reproduced without express written permission of Sioux Corporation.

**Call us Toll-free at (888) 763-8833  
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Reliability Since 1939

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