

**SIoux****WHC1.7PD****Features Include:**

- PLC with HMI touchscreen allows for remote operation and monitoring of the system through customer's local area network
- Predictive maintenance and troubleshooting alerts help streamline maintenance
- PLC Scheduling feature will adjust operating dates, times and tank temperature set points - Also allows for integration and control of Sioux's tank skid packages (sold separately)
- Circulation pump and motor circulates water from the supply to the destination through the three pass Sch. 40 carbon steel heat exchanger
- Adjustable tank temperature control maintains desired setting
- Electrical disconnect makes power isolation for maintenance quick and easy
- Emergency stop switch for added safety
- Safety Standards: UL508A/CSA C22.2#14; ASME Section IV; Canadian Registration Number (CRN)
- Skid mount with forklift pockets for easy placement and loading/unloading
- Additional features include inlet and outlet pressure gauges, NEMA 4 electrical enclosure, inner and outer coil flow switches and temperature limits, and ASME rated relief valve.
- Models are available with Variable Frequency Drive (VFD) and modulating burner for precise outlet temperature control
- 90% efficient

**Electrical & Mechanical Information**

| Voltage         | Phase | Hertz | Operating Current Amps | Heat Input BTU/Hr |
|-----------------|-------|-------|------------------------|-------------------|
| 208/230/460/575 | 3     | 60    | 28/24/12/10            | 1,850,000         |

**Connections**

| Water Inlet | Water Outlet | Fuel Inlet | Flue Size |
|-------------|--------------|------------|-----------|
| 2" NPT      | 2" NPT       | 3/8" NPT   | 12"       |

**Performance**

| Heat Output BTU/Hr | Minimum Water Flow Rate | Maximum Water Flow Rate | Max Achievable Water Tank Temperature |
|--------------------|-------------------------|-------------------------|---------------------------------------|
| 1,700,000          | 40                      | 105                     | 170                                   |

**Fuel Supply**

| Fuel Type | Fuel Usage |
|-----------|------------|
| Diesel    | 13.6 GPH   |

**Weight & Dimensions**

| Length        |      | Width |                        | Height |      |
|---------------|------|-------|------------------------|--------|------|
| in            | mm   | in    | mm                     | in     | mm   |
| 109           | 2769 | 50    | 1270                   | 63     | 1600 |
| <b>Weight</b> |      |       | 2660 (lbs), 1207 (kgs) |        |      |

**For More Info Visit [sioux.com](http://sioux.com)**

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