

**SIoux****WHS1.7PG-T**

NextGen WH Features Include:

- PLC with HMI touchscreen allows for remote operation and monitoring of the system through customer's internal internet network
- Predictive maintenance and troubleshooting alerts help minimize the maintenance process
- Scheduling feature of the PLC allows customers to adjust operating dates and times and adjust tank temperature set points
- Circulation pump and motor circulates water from the supply to the destination through the three pass Sch. 40 stainless steel heat exchanger
- Adjustable tank temperature control to maintain desired setting
- Electrical disconnect makes isolation of power 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 non-ferrous wetted parts, 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    | 28/24/12/39            | 1,900,000         |

### Connections

| Water Inlet | Water Outlet | Fuel Inlet | Flue Size |
|-------------|--------------|------------|-----------|
| 2" NPT      | 2" NPT       | 1-1/2" 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        |
|-----------|-------------------|
| LP / NG   | 21 GPH / 1900 CFH |

### Weight & Dimensions

| Length        |      | Width |                        | Height |      |
|---------------|------|-------|------------------------|--------|------|
| in            | mm   | in    | mm                     | in     | mm   |
| 103           | 2616 | 73    | 1854                   | 79     | 2007 |
| <b>Weight</b> |      |       | 4350 (lbs), 1973 (kgs) |        |      |

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

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