



**SUNDWASH**<sup>®</sup>  
PRIME

## High Pressure Wash System for Industrial and Food & Beverage Services

Providing constant high pressure water-on-demand  
for centralized cleaning and washdown systems.



- Sunflo High Pressure Pump
- Energy Efficient VFD control
- Constant, Pulsation-free Pressure on Demand
- Low Flow/High Flow Protection
- Field Adjustable settings
- Ethernet Communication with site DCS
- 316SS Construction
- 1-4 Pump Configurations



# Fully Integrated, Pre-Engineered Turn-Key System

## Applications



- Food & Beverage Cleaning Systems
- Industrial Spray and Washing Systems
- Reverse Osmosis Systems
- Ultra-Filtration Systems
- Boiler Feed Systems
- Trim Squirt and Paper Shower Systems

## Technical Data

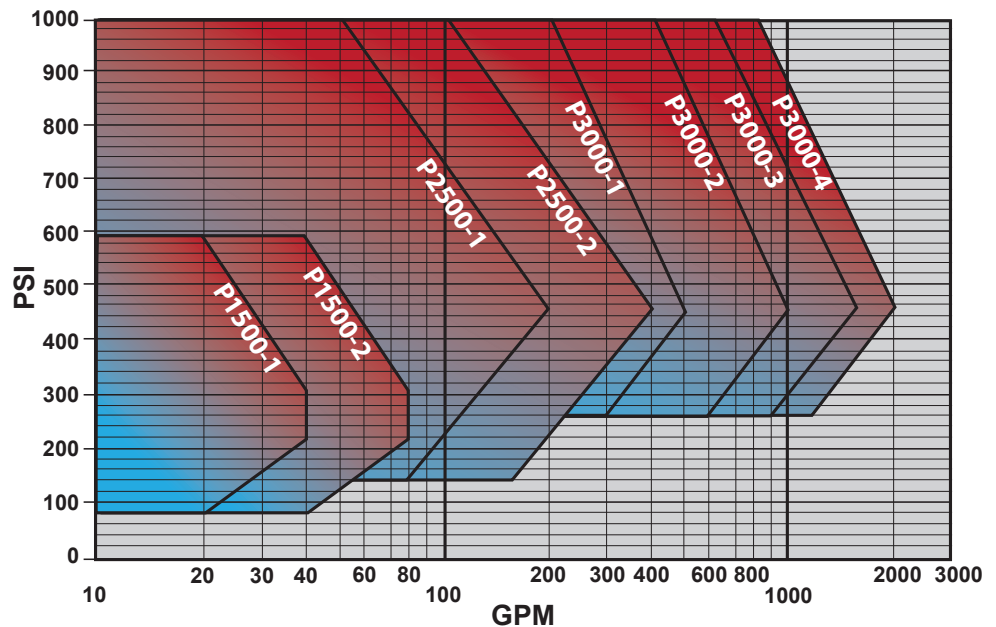
- 1 to 4 Pump Configurations
- **Capacity:** up to 2000 GPM
- **Head:** 2800 ft. max
- **Pressure:** 1000 PSI max
- **Inlet Temperature:** 32 to 140°F (300°F with external cooling)
- **Pump and Manifold Construction:** 316SS
- **Control Panel and VFD Enclosure:** NEMA 12 or NEMA 4x

## Reliability Features:

- Single Stage High Pressure Pump
- Close Coupled Pump/Motor Configuration
  - No belt drive
  - No mechanical couplings
  - 3-year Seal Life (MTBF)
  - 25,000+ hour Bearing Life (L10)
- State-of-the-Art VFD operation & control
- Built in Protection
  - High Flow
  - High Temperature
  - Low Flow
- Durable 316SS Construction



## Performance Data:



# Configured to Your Process Requirements

## Benefits

### Energy Savings

- Intelligent Minimum flow by-pass (opens only when required)
- Automatic stand-by and or sleep modes when system is not in use
- NEMA Premium Efficient motor

### Constant, Pulsation Free Pressure on Demand

- No waiting for pressure to build
- No drop in pressure with increased flow requirement
- Easy on Equipment

### Field Adjustable

- Integrated Variable Frequency Drive adaptable to changing operation requirements
- Optimizes single and multi-pump cascade control logic
- Supports multiple operation modes
- Alternate usage across installed pumps

### Low Floorspace Requirement

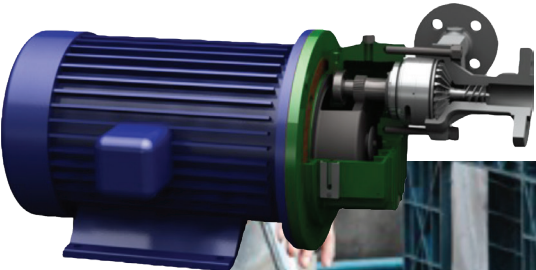
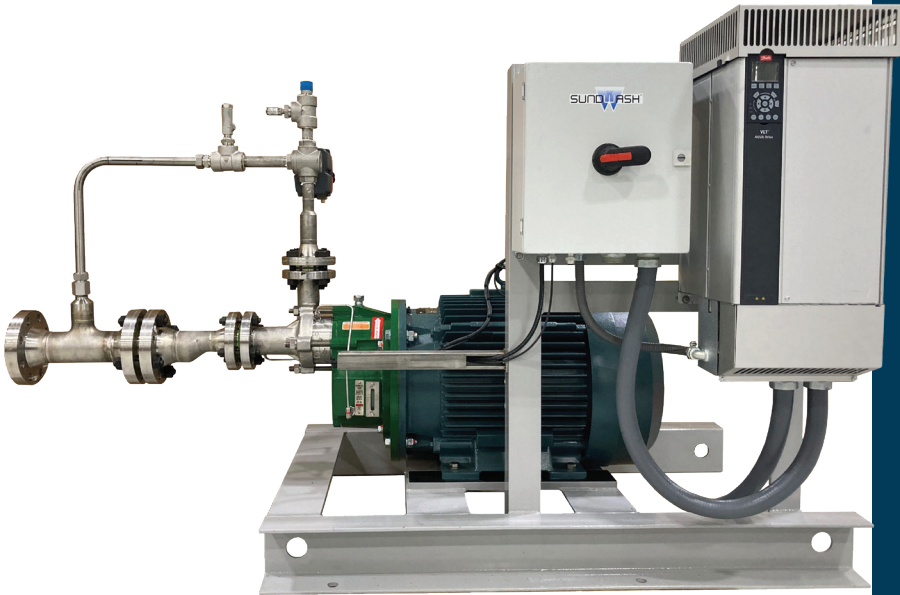
- Compact /Small System Footprint

### Communication with site DCS for back-office control of system

- Via Ethernet protocols

### Field Serviceable

- Maintenance made easy. No need to remove pump from system

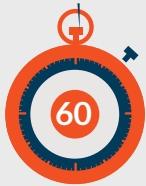


# Multi-Stage Performance in a Single Stage Centrifugal Pump

## The Heart of the System... Sunflo High Pressure Pump

- Multistage Performance in a Single Stage Pump
- Industrial Grade Design
- Close Coupled Configuration
- 316SS Construction
- No Pulsation
- NEMA Premium Efficient Motor
- Serviceable on site

## Servicing a Sunflo pump is as easy as 1 - 2 - 3



**Repair Time:  
60 Minutes**



**1**



**2**

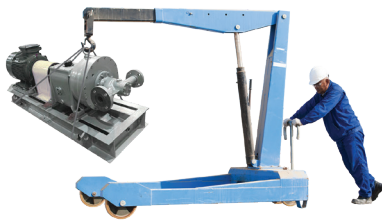


**3**

- Pump remains in line
- Impeller Cartridge Assembly is easy to remove and replace
- No alignment or re-balance necessary

# VS.

## Pitot Tube STYLE Pumps



- Entire pump must be removed from system
- Service (including re-balancing) only available from the factory
- Pump must be realigned when re-installed



**Repair Time:  
Days**



**Questions?**  
Call us today at 1-866-Sundyne



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