

# Commercial / Industrial

# GRUNDFOS ENGINEERED SYSTEMS

Grundfos Engineered Systems (GES) offers a broad range of products from standard designs to site specific engineered-to-order solutions. These solutions include optimized pumping systems with the selection of most efficient pump types and technologies and intelligent controls available for each application. The GES packages arrive pre-wired, pre-piped and pre-commissioned. A GES packaged system will eliminate the headaches of cost over-runs and unforeseen operational problems often experienced with a component system. Total cost and schedule are accurately determined long before installation is completed.

GES packaged systems and plants come with a multitude of options including: Grundfos premium efficient pumps combined with customer specified equipment, valves, controls, intelligent controllers and VFDs for your specific equipment requirements. GES provides skid mounted packages that can be open or enclosed in a variety of fiberglass and steel options. Each enclosed option has an assortment of exterior colors and façade options to meet your site conditions. The GES enclosed pumping systems and plants also can include electrical distribution, separate dry rooms, HVAC options and any customer specified accessories.

## Key Features and Benefits

- Single source of products and manufacturing provide cost confidence and schedule ease for end user
- ISO 9001 manufacturing facility provides quality construction and value-added services
- Simplified power distribution for complete single-point input power connection
- Controlled manufacturing environment for on time delivery to site
- Innovative designs using 3D CAD modeling and dedicated engineering effort translate into lower initial cost, longer pump life, and lower maintenance costs
- GES team of engineering and manufacturing experts support our customers from concept design to installation and beyond
- GES facility manufacturing footprint of over 240,000 sq ft with heavy crane bays for large plants and systems
- Pressure testing of all finished piping and components up to 300 psi as required by project
- Continuity test of all 480V power wiring for proper phasing and grounding
- NSF61 compliant components and designs available



**GES provides innovative solutions for a variety of systems, including:**

- Packaged pumping systems
- Heat transfer systems
- Packaged chiller plants
- Packaged boiler plants
- Industrial processing systems

### APPLICATIONS

- Chilled water distribution
- Heating water distribution
- Condenser water distribution
- Geothermal loop
- District heating and cooling
- Pressure boosting
- Industrial process

be  
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innovate

**GRUNDFOS** 

## GES Product Data

Grundfos has served the North American market for more than 40 years, flourishing from one small factory in Fresno, California, to 17 manufacturing, logistics, sales and service facilities throughout the region. Today Grundfos provides comprehensive, cross-continental coverage through several marquee product brands, some with roots going back a century or more. GES, utilizing Grundfos and its legacy brands such as PACO and Peerless, provides a complete portfolio of products for its customers.

### Pumps

- Any variation or quantity of pumps produced by Grundfos

### Controls

- Integrated power panel (every component is pre-wired)
- UL rated control panels
- Grundfos CU intelligent controller or customer-specified PLC/HMI
- Grundfos CUE VFDs or customer specified
- Grundfos Remote Management or BACnet integration

### Enclosures

- Fiberglass
- Steel with outdoor rated 3-part epoxy coating finish of 100+ color choices
- Separate dry room for controls and/or chemical feed
- Environmental controls options may include ventilation, heaters and/or self-contained HVAC units
- Upgraded façade options such as faux stone or brick
- Standard steel enclosures include lighting and convenience receptacles
- Seismic and wind load rating per specification available. Minimum 120 MPH wind and 30 PSI snow load ratings standard
- Corrosive environment coatings for conditions such as sea water available

### Accessories

- Expansion tanks
- Air separators
- Buffer tanks
- Heat exchangers
- Chemical bypass feeders
- Glycol management system
- Other, as specified