

envirosep *FIRE*

## FIRE PUMP SYSTEMS

Envirosep has led the way in packaged systems by offering designs and manufacturing integrated solutions for fluid handling, heat transfer and energy recovery for over 20 years. We strive to provide the most cost effective and energy efficient fire pump systems to our customers.

Envirosep Fire Pump Systems are custom-engineered to specifically meet your site requirements. Our packaged fire pump systems include your choice of manufacturer for the fire pumps, drives, control systems, and accessories along with basic electric motors units or diesel engines for skid-system configuration, or outdoor building enclosure. Envirosep's proven experience in packaged system design assures that the most complex requirements can be handled by our team.



## FEATURES & BENEFITS

- Reduces engineering complexity, tasks and costs compared to field-built systems. Prefabrication allows us to customize a system and maintain sole source responsibility, which means you only have one supplier to contact
- Our *envirosep FIRE* is cost effective - offering fixed costs and on-time delivery coordinated with site (factory controlled environment means no weather delays)
- Envirosep packaged fire pump systems can be built and ready to install any time during the construction phase of a project allowing it to be installed when you need it
- Each unit is custom-engineered to meet specific system or footprint requirements
- Factory operational and hydrostatic testing is performed prior to shipment, therefore minimal site testing is required
- Speeds up installation, with minimal connection points, and start-up which provides significant savings to contractors, engineers and facility owners

## STANDARD DESIGN INCLUDES:

- NFPA-20 Compliance
- UL/FM Components
- Electric motor or diesel driven pumps
- Centrifugal pumps-vertical in-line, end suction or horizontal split-case
- Jockey pump
- Fire pump controller and jockey pump controller
- System relief valve
- ANSI Class 125, or 250
- 50 or 60 Hz, 3-phase power supply

## FIRE PUMP SYSTEM OPTIONS:

- |                                 |  |
|---------------------------------|--|
| • Seismic design and PE stamp   | • ASME PP stamp                                |
| • External hose head connection | • System testing flow meter                    |
|                                 | • Specific performance criteria (upon request) |



The *envirosep FIRE* may be utilized in a variety of markets. Whether commercial fire protection, oil & gas, power & energy or industrial & manufacturing fire protection, Envirosep's knowledgeable engineering team and other professionals will work with you to design and build to your specific application using our expertise to customize and add value to any project.



## WE MAKE CERTAIN YOUR PROJECTS ARE DONE RIGHT.

Envirosep maintains licenses and certifications that keep us current with the latest industry standards and ensure first class quality. Our licenses and certifications include:

- Professional Engineer Licenses (PE)
- Certified Project Management Professional (PMP)
- AWS Certified Welding Inspector (CWI)
- Mechanical Contractors Licenses
- ASME Certificate of Authorization
- Underwriters Laboratories Listings
- National Board Certificate of Authorization
- TSSA Certificate of Authorization
- Leadership in Energy & Environmental Design (LEED)



UL Listed Package Pumping Systems



UL Listed Controls



European Conformity



Office of Statewide Health Planning and Development (CA)



OSHA Complaint Safety Program



NIST Certified Testing Equipment



State of New York OTCR (NY)



Unfired Pressure Vessels



Pressure Piping



Miniature Unfired Pressure Vessels



National Board



Repairs and/or Alterations



Process Piping & Power Piping



LEED AP expertise