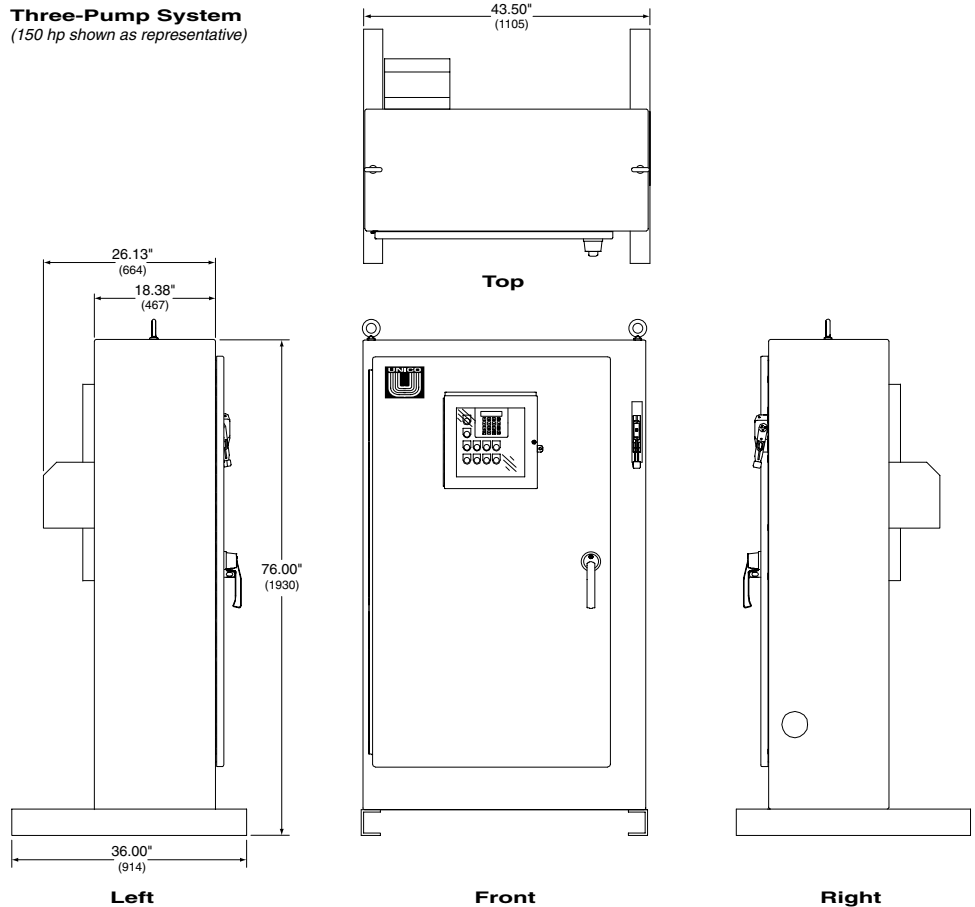


**Three-Pump System**  
(150 hp shown as representative)**Overview**

Synthesis™ Multipump systems are available as stand-alone components or turn-key packages. Various packaging options are available. Custom integration can be provided to meet any requirements.

**Multiple Pumps**

Multipump systems can operate up to eight pumps as well as a jockey or priming pump. One pump is a variable-speed master while the remaining auxiliary pumps operate at a fixed speed.

**Variable-Speed Drive**

The master pump is controlled by a flux vector AC drive from UNICO's 1100 family. Drives are available from 1 1/2 to 500 hp and are UL and C-UL listed. Input power can be 230 or 460 V AC single- or three-phase or 575 V AC three-phase.

**Starters**

Auxiliary pumps are controlled using motor starters or soft starters. Starters can be customer-supplied or provided with the packaged system.

**Bypass Control**

Manual bypass control is available with packaged systems.

**Power Conditioning**

A variety of options is available for conditioning the incoming line, including AC line reactors, isolation transformers, twelve-pulse transformers, and harmonic filters.

**Environmental Options**

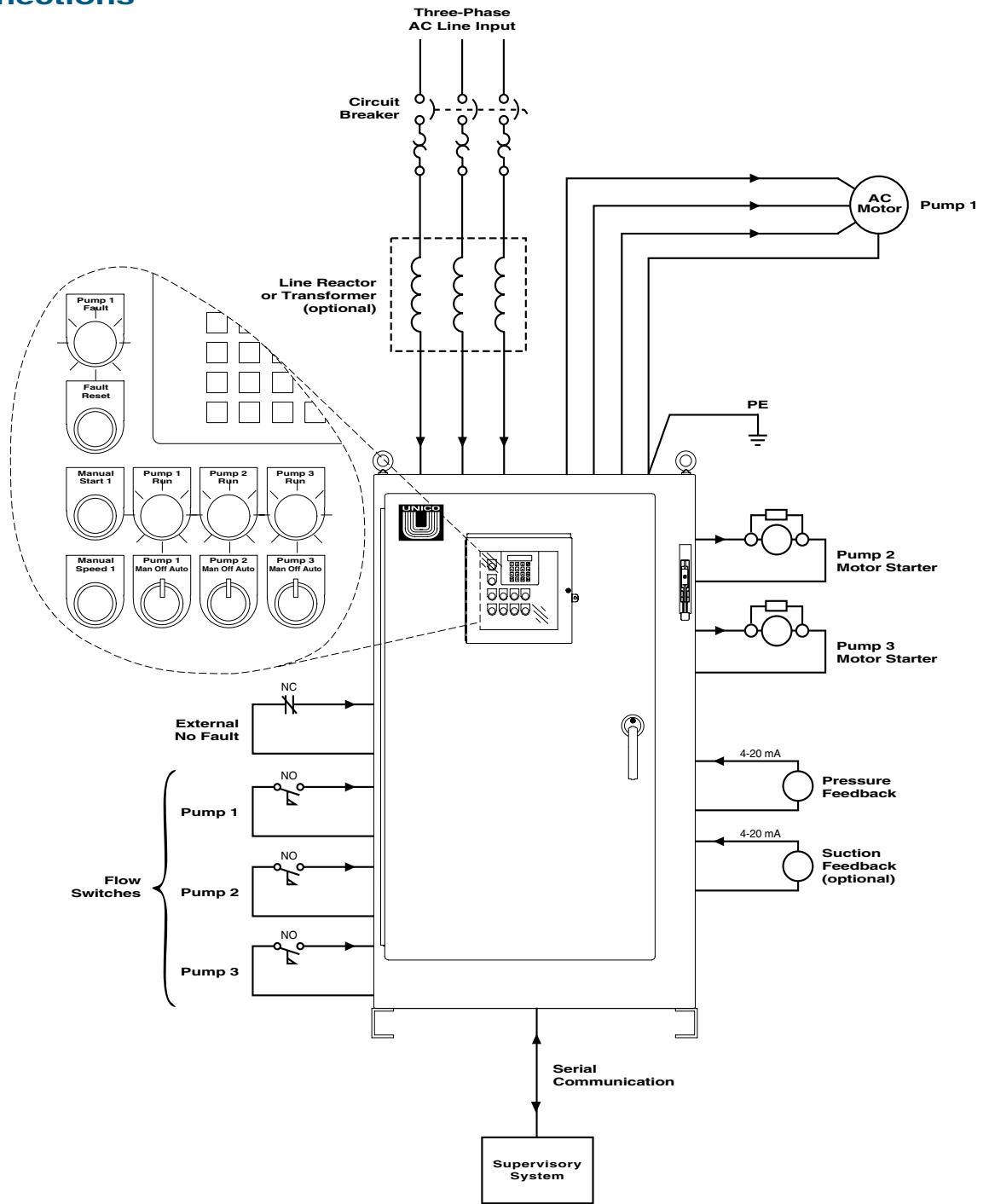
Systems can be packaged in NEMA 1, 4, 3R, or 12 enclosures for indoor or outdoor use. Customization is available for special environmental requirements.

**Services**

Comprehensive start-up assistance, service, and training are available.



**Electrical Connections**    **Typical Three-Pump System**



**UNICO-Worldwide**



**Corporate Headquarters**  
 UNICO, Inc.  
 3725 Nicholson Road  
 P. O. Box 0505  
 Franksville, Wisconsin  
 53126-0505  
 USA  
 voice: 262.886.5678  
 fax: 262.504.7396  
 www.unicous.com

**United States**  
 Novi, Michigan  
 248.380.7610  
 New Lenox, Illinois  
 815.485.5775  
 Sandy, Utah  
 801.501.7586  
**Canada**  
 Mississauga,  
 Ontario  
 905.602.4677

**South America**  
 El Tigre, Venezuela  
 58.283.241.4024  
**Europe**  
 Milton Keynes,  
 England  
 44.1908.260000  
 Wilnsdorf, Germany  
 49.2739.303.0

**Asia**  
 Osaka, Japan  
 81.66.945.0077  
 Beijing, China  
 86.10.6218.6365

Specifications subject to change without notice.