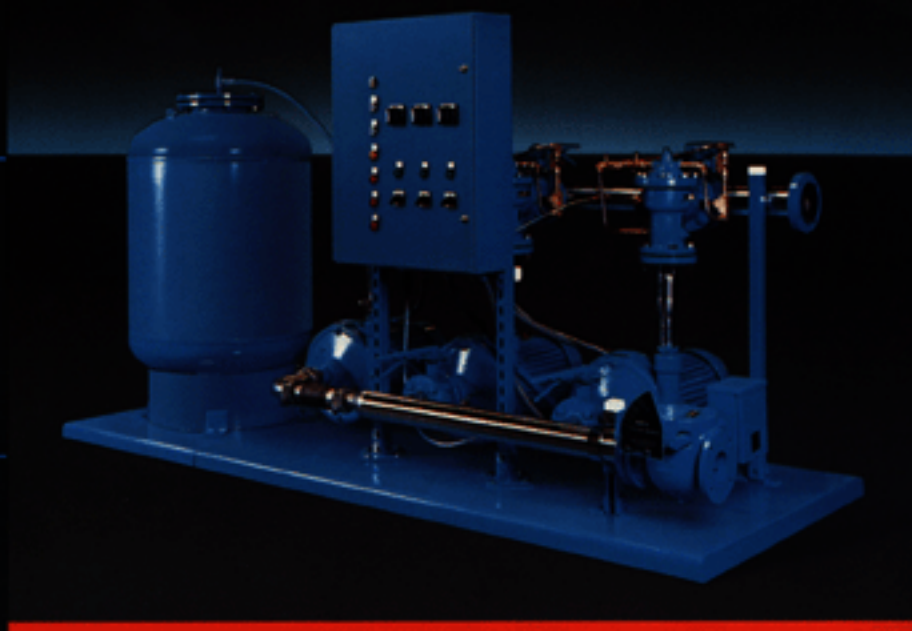


PACO
PUMPS



PACOFLO 9000-ES
End Suction Pump
Booster Systems

PACOFLO 9000-ES

Booster System Technology

Enters the 21st Century

Founded in 1907, Paco Pumps has been a first hand witness to the increased need for variable fluid flows at constant pressures.

Ever since such constant pressure systems grew from gravity tank rooftop systems, Paco has been there—at the forefront of innovation—meeting the needs of ever changing demands.

In the 3 decades since Paco first introduced factory assembled and tested booster systems to the world wide marketplace, energy conservation philosophies have developed into sciences and building sizes and demands have grown.

To keep pace with these changing requirements, PACO—long a member of the Hydraulic Institute and long associated with ASPE—has continually developed systems which not only met the needs, but set the standard for innovation, accuracy, quality, and service.

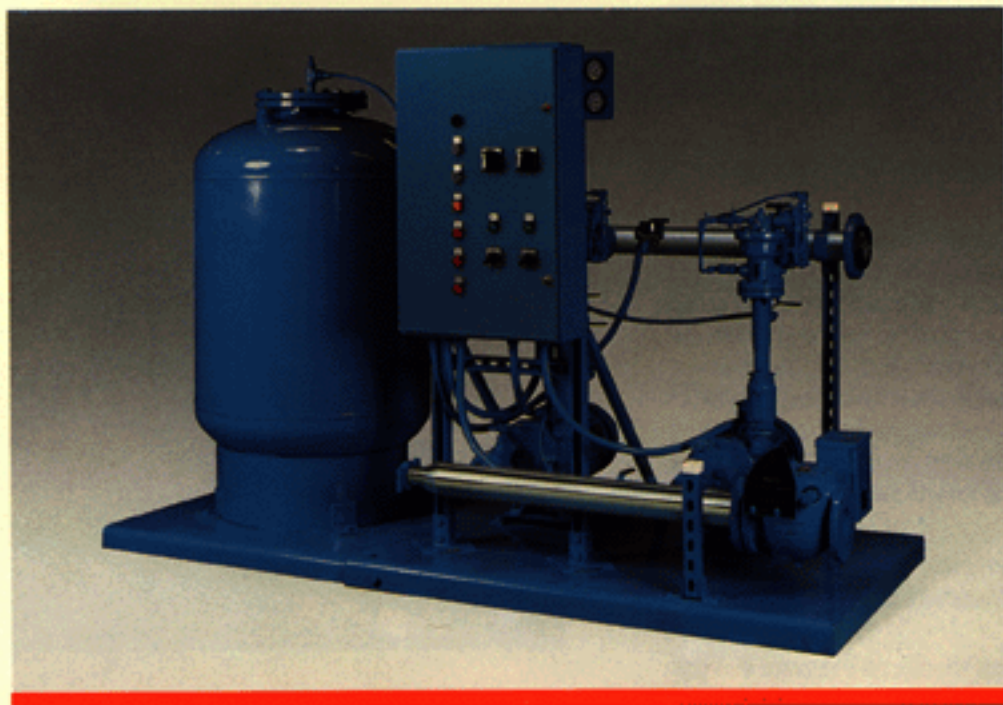
The Pacoflo 9000 family of booster systems is testimony to our continued commitment to the marketplace, and to insuring that our customers save time, money, and effort.

Pacoflo 9000-type ES end suction systems are the heart of this family—a family dedicated to bringing maximum savings in both the short and long term.

Available in manifold sizes from 3" to 10" in duplex and triplex configurations, the Pacoflo 9000-type ES offers maximum flexibility and proper sizing for each application.

Developing flows to 3500 USGPM and heads to 400 feet, utilizing over 35 distinct sizes of high efficiency end suction pumps, each with impeller trimmed to exacting job site requirements and motors sized accordingly, the Pacoflo 9000-type ES will satisfy the vast majority of duties, precisely. Using approved, proven methods of control as well as state-of-the-art technology, the Pacoflo 9000-type ES systems offer maximum reliability and accuracy. Each system is given a full hydrostatic, electric, and performance test as standard. Each system manufactured is backed by Paco's 80 plus years of commitment to our customers.

Pacoflo 9000—developed and manufactured by Paco Pumps for users who don't want to have to think about their pumps or pumping systems.



Paco Pumps—over 85 years of quality and service to the industry

PACOFLO 9000-ES

Features for Energy Conservation,
Maximum Accuracy, and Utmost Savings



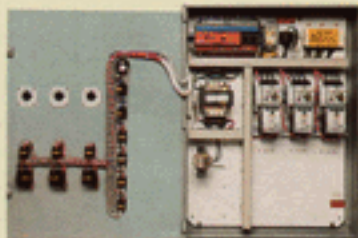
Pacomonitor Flow Sensor—The patented Pacomonitor Flow Sensor is used not only to provide direct flow sensing and sequencing—long established as the **MOST ACCURATE** method available—but also to insure dependability, consistency and improved operating costs. All sequencing is accomplished from a single location, making any adjustments or fine tuning easy, minimizing downtime.

Pumps—Pumps are Paco type LC end suction Smart Pumps renowned for their reliability and efficiency. The efficiency is high and has a broad efficiency band, insuring cost effective operation with system-curve fluctuations. Back pull out, bronze fitted construction is standard, but a virtually unlimited variety of options are available.



Pressure Regulating Valves—When dictated by the requirements of the installation, pressure regulating valves (PRV's) are used to maintain, precisely, constant downstream pressure regardless of varying suction conditions. Specially sized angle type valves are used to minimize pressure losses and required loads.

Control Panel—The unique Pacoflo 9000 control panel contains not only standard features such as H-O-A switches, starters, and disconnects for each pump (as discussed on the previous page), but also a 10 year battery backed-up programmable controller linked to the sequencing and alarm functions to further insure that the system is doing what it is designed to do, when it's supposed to do it . . . even if the criteria change!



Hydropneumatic Tanks—When desired for maximum energy savings, Hydropneumatic tanks are supplied, either system mounted or for remote installation. Tanks are intended to provide pressure to the installation during periods of low demand so that the booster can be completely shut down, conserving energy and minimizing operating costs.