



Packaged Systems For:

- Variable Speed Pumping
- Heat Transfer
- Pressure Boosting



**True Unit Responsibility
And Optimized Performance
From The System Experts**

Bell & Gossett®



Four Alternative Configurations For Optimum Flexibility



Frame-Mounted Systems

- Easy to install
- Pump controller, AFD(s), and Bypass, factory pre-wired and tested
- New construction or retrofit



Skid-Mounted Systems

- Electrical components, pumps and piping all factory-assembled
- On-site connections are easy
- New construction or retrofit



Cabinet-Mounted Systems

- Pump controller, AFD(s), Bypass, factory pre-wired and tested
- Ideal for retrofit applications, tight mechanical rooms



Components

- For fully flexible system layouts or extremely tight spaces
- System shipped to job site as individual components
- New construction or retrofit

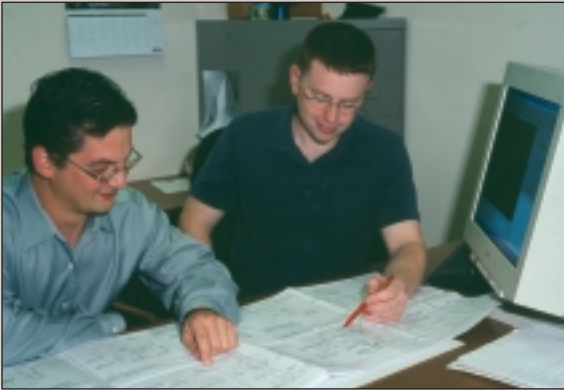
Bell & Gossett's Technologic® Family of Controllers



ITT Bell & Gossett has engineered a complete family of control systems with application specific features. The Technologic family offers performance and quality with real affordability.

- Technologic 5500. Advanced dedicated variable speed pump controller for even the most complex systems. Fully field modifiable.
- Technologic 500. Energy savings and efficiency for standard one-, two-, and three-pump systems.
- Technologic 350/Pressure Booster: Reliable constant speed controls for up to 3 parallel pumps.
- Zonesāv®: Zone Bias Controller maximizes temperature differentials across the system for optimum energy savings in chilled water systems.

Bell & Gossett's Expertise In Packaged Systems Is Unsurpassed



Bell & Gossett's more than 75 years of pumps systems experience goes into every package we build. We're not a "job shop"; our 550,000 square foot facility is dedicated to manufacturing hydronic equipment including packaged pumping systems.

- Performance testing capabilities up to 50,000 GPM and 1200 HP at 460v
- ASME certified welders
- ISO 9001 Certified
- UL Listed

Frame-Mounted Systems



By far the most popular among engineers and contractors because it eliminates the guess-work and risk of matching components from multiple manufacturers.

- All electrical components are mounted and wired on a stand-alone frame.
- Just wire in-coming power to the unit, out-going power to the pumps, and control wiring to the zone sensors.
- Pumps can be installed in any fashion your system layout requires.
- Ideal for existing building using existing pumps and motors, or new buildings where access to mechanical room is limited.
- Most frames can fit in freight elevators.

Cabinet-Mounted Systems

Bell & Gossett's cabinet-mounted packages are compact, ideal for installations where floor space is tight and access is limited.

- Available in one, two, and three pump configurations up to 75 HP (460v).
- Automatic AFD bypass feature available.
- Ideal for converting existing constant speed systems to variable speed.
- Simply connect input power, wiring to pumps and remote sensors.



Skid-Mounted Systems

Potential configurations are limitless, but we have the capability to build any of them, from the simplest to the most sophisticated systems.

- Electrical components, pumps and piping are all factory assembled, piped and wired.
- In-coming power, control wiring (sensors and EMS communications) and two pipe connections are all that's required to install.
- ASME certified welders.



Variable Speed Pumping Systems:

B&G designs, manufactures and qualifies all the elements of its variable speed pumping systems. Our engineers will work directly with you to design the perfect variable speed pumping system for your application, maximizing energy savings while minimizing installed cost.



Heat Transfer Packages, Constant or Variable Speed:

Packages designed to handle a wide range of heat transfer requirements for schools, hospitals, commercial buildings and industrial plants. Compact design reduces the space and engineering required for mounting and installing individual components.



Pressure Boosting:

Whether constant or variable speed, Bell & Gossett can help you choose the most accurate method of controlling pressure in your application. From simple one or two pump constant speed pressure boosting systems to large, sophisticated variable speed pressure boosting systems, B&G is the only source you need.

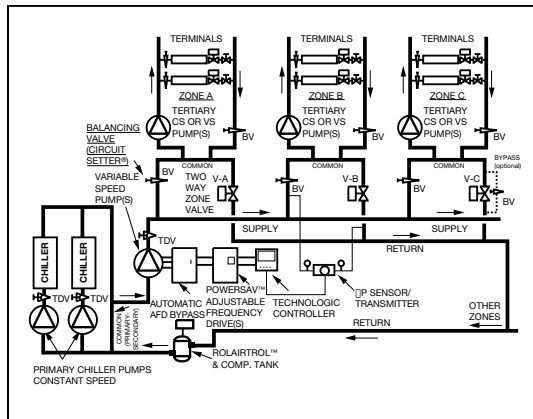
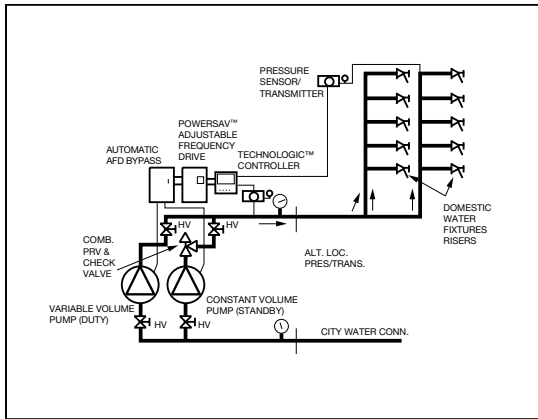
Components

When flexible layout is a priority or space is extremely limited, we can ship individual components to the jobsite.

- Contractors wire the in-coming and out-going power, interconnecting wiring between components, and remote sensors.
- You get the same exceptional quality B&G components that go into our skid, frame or cabinet-mounted systems.



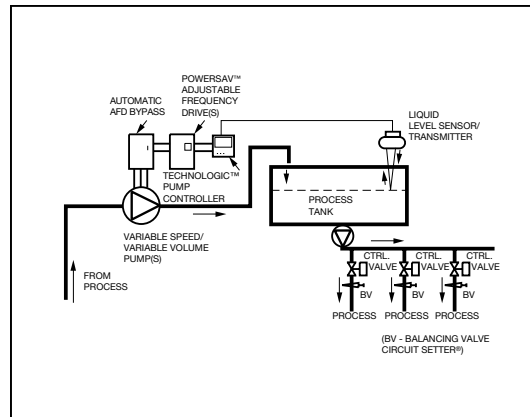
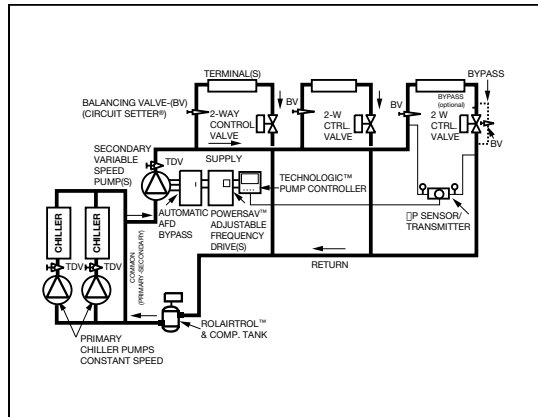
From Hospitals To Industrial Plants, Bell & Gossett Packaged Systems Are Trusted For Their Reliability, Flexibility And Maximum Energy Savings.



Typical Hospital Installation



Typical University Installation



Typical Commercial Installation

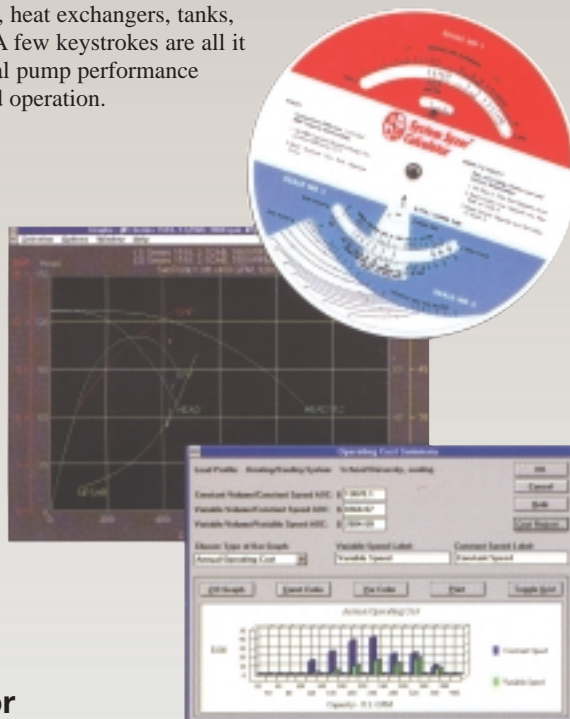


Typical Industrial Installation

Use ESP-PLUS Software To Select And Analyze Your Packaged Systems

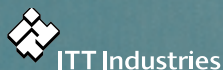
Select Packaged Systems Easily, Accurately

Based on your design parameters, ESP-PLUS will automatically help you choose from B&G's selection of pumps, heat exchangers, tanks, steam specialties, and hydronic specialties. A few keystrokes are all it takes to display single or multiple centrifugal pump performance curves for constant speed and variable speed operation.



Analyze Operating Costs For Maximum System Efficiency

Use one of our suggested load profiles or create your own to analyze operating costs for your hydronic system. Program output includes wire to water efficiency, pump staging points, and motor power usage information.



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