HVAC PUMP SYSTEMS &
GLYCOL PUMP PACKAGE

SS0001
1126
Supersedes
0925



An easy, ready to install glycol pumping package for HVAC systems.

SENCILLO™
SIMPLE.

SIMPLE.

That is what the word "Sencillo" (pronounced sen-SEE-yoh) means in the Spanish language. Everything we do at Sencillo™ is done with that in mind. When you select a Sencillo system, we want every aspect of doing business with us to be just that - simple. The pumps and motors are simple to replace; the controller is simple to understand and operate. Managing your pump system doesn't need to be complicated. We do the hard work behind the scenes, so your job of selecting, purchasing, running and maintaining a Sencillo system can be wrapped up in one word – ***SIMPLE.***

Standard Package Applications

- Condenser pump systems
- Water source heat pump systems
- Constant speed pump packages
- Variable speed pump packages
- Variable speed primary flow pump packages

System Features and Benefits

- Welded piping and headers
- Custom layout of equipment
- Low installation costs
- Reduced space requirements
- Factory-built by trained craftsmen
- Single source warranty
- Factory-mounted and wired controls and instrumentation





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Sencillo Controls

The Sencillo Controller is a custom-built UL508A labeled control system designed specifically for the variable speed pumping business. It utilizes color touch screen technology for all inputs and outputs, and keeps the operator interface simple. All aspects of the pump system are monitored and displayed to the building maintenance staff, so your job of making sure it is operating properly is also simple. The Sencillo controller is built with a custom package of software tools that allow the system to be "tuned" to the application, including easy-access to all system variables (timers, ramp speeds, alarm points, pressures, and operational control parameters).

Components

- Pumps with motors
- Controls
- Isolation and check valves
- Expansion tanks
- Air elimination and separation
- Glycol makeup systems
- Instrumentation
- House or enclosure
- Seismic/vibration springs



UL508A Industrial Control Panel

Additional Options

- Flow meter with readout and accumulator
- Phase monitor alarm
- Remote control enable
- Data logging
- Flow/pressure certified test reports



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Pumps

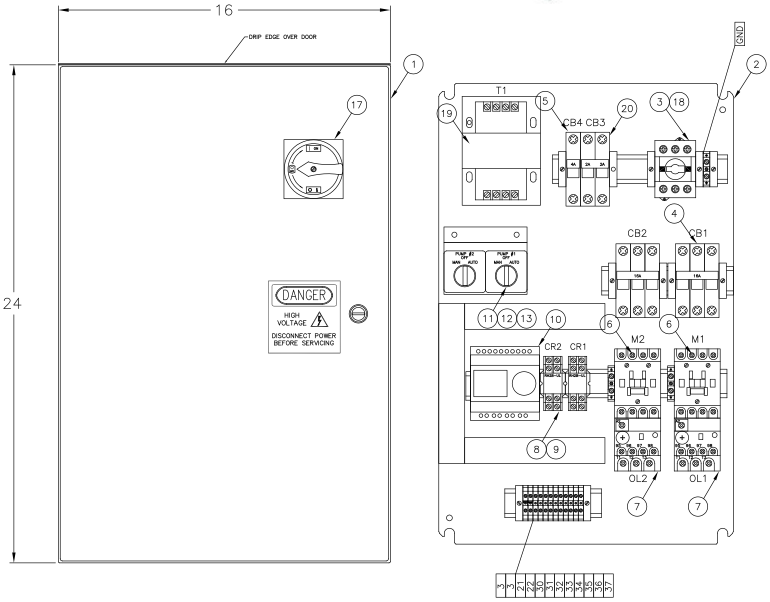
- Horizontal end-suction centrifugal close coupled pumps
- TEFC outdoor motors
- Stainless steel or cast iron construction
- Mechanical seal for dripless operation
- Flow switch (ships loose)





Outdoor Controller

- Main disconnect switch with door interlock
- Thermo-magnetic motor protection (overload, short circuit)
- ATL contactors
- Control transformer with secondary circuit breaker (24VDC)
- PLC with program control software
- Auto-transfer to backup pump on no-flow, overload, short circuit
- Status lights
- 208V/3, 230V/3, 460V/3, 575V/3





Options

- Dry alarm contacts
- Aquastat/solenoid circuit
- Custom controls programming
- Aluminum/fiberglass enclosure
- Piping accessories

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