

PC-Single Unit

PC-2Units Alternating Parallel

Structure:



Constant pressure controller:

ADJUSTABLE PRESSURE

A wide range of pressure settings is available through the use of the luck control system .the desired pressure is easily established by means of a "set screw"(a full 25 turns possible);

MOTOR NOT IN USE MOTOR STOP MODE

When the water top is turned off,the indicator light is green,showing the controller is in the "motor stop"mode.the smooth transition to the"Stop Mode" is accomplished as the controller reduces the motor speed 10% in the first 30 seconds and then, in the next 15 seconds. The motor power is gradually reduced to zero.

Function:

The controller senses the pressure change in the water supply piping through the signals detected by pressure transmitter,and compares with the preset pressure;then the controller will send continuous signals(DC0~10V) to inverter, for adjusting its frequency (0~60HZ) accordingly.the pump speed varies according to the frequency converted thus maintaining the set pressure.

Application:

Three is warm, the market, the park, the stadium, the seashore leisure recreation center, the factory, the hotel, the villa, the palace type construction, the sharp tower system construction, the community pressurizing point, the underground street, the automobile improves looks, the fresh potable water system, the boiler hot water system, the waste water two uses and the pure water system and so on.

Interface controller:

When the pressure booster is required, the Controller always starts the Primary Pump.

Then, after 60 seconds, if the Primary Pump is not sufficient to reach the pre-set level, the secondary Pump is brought on-line by the Controller.(This process continues depending upon the number of pumps in the System.)

The designated Primary pump is altered every 4 hours by the Controller. That is the secondary Pump becomes the designated Primary Pump ,etc. • Every 4 hours; therefore reducing individual motor use and extending motor life.

Constant pressure in the piping , Quiet running, smooth speed changing, No water hammer.

Performance Curve:

