PC- Single Unit

PC- Multiple Units 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)

MATOR NOT IN USE MATOR 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.

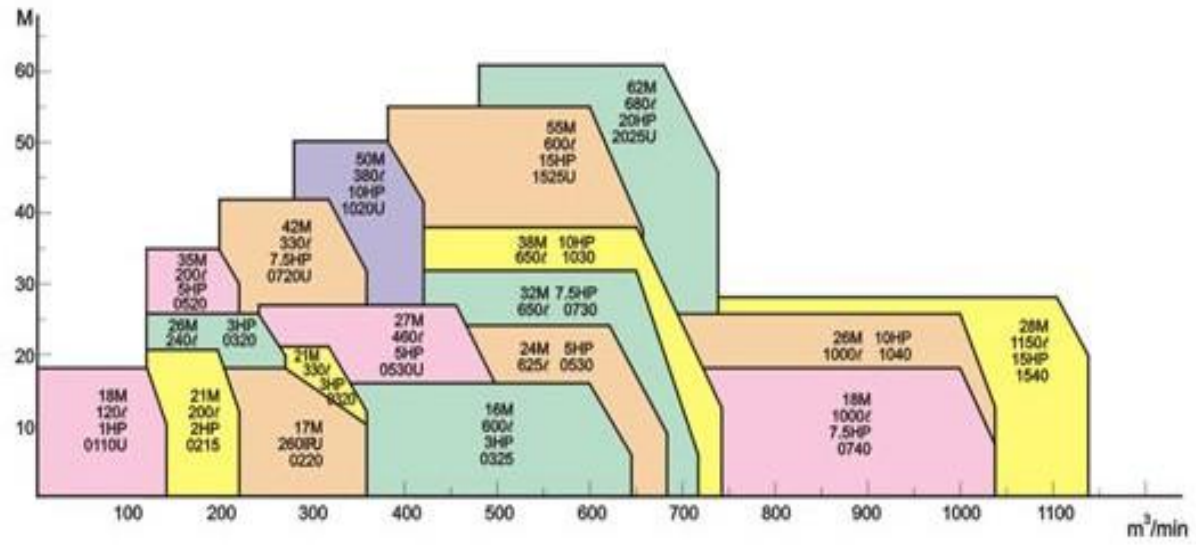
Interface Controller:

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.

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.

Performance Curve:



Specification:

☐ Single- PCS model

Suction(mm)	Discharge(mm)	Model	Standard model		Height	Constant pressure hypothesis scope（kg/cm²）	Smaller Diaphagm Tank	Dimensions in		
			Pump Motor（KW）	Quantity(L/min)				L	W	H
25	25	25PCS0110U	0.75	120	18	0.5-1.8	WX-101	480	300	600
40	40	40PCS0215	1.5	200	21	0.5-2.1	WX-101	480	320	600
50	50	50PCS0220	1.5	260	17	0.5-1.7	WX-101	480	320	600
50	50	50PCS0320U	2.2	240	26	0.5-2.6	WX-101	480	320	680
50	50	50PCS0320	2.2	330	21	0.5-2.1	WX-101	480	320	680
50	50	50PCS0520	3.7	200	35	0.5-3.5	WX-102	600	600	800
50	50	50PCS0720U	5.5	330	42	0.5-4.2	WX-102	600	600	900
50	50	50PCS1020U	7.5	380	50	0.5-5.0	WX-102	600	600	900
65	65	65PCS0325	2.2	600	16	0.5-1.6	WX-101	480	320	680
65	65	65PCS1525U	11	600	55	0.5-5.5	WX-102	600	700	900
65	65	65PCS2025U	15	680	62	0.5-6.2	WX-102	600	700	900
80	80	80PCS0530U	3.7	460	27	0.5-2.7	WX-102	600	600	800
80	80	80PCS0530	3.7	625	24	0.5-2.4	WX-102	600	600	800
80	80	80PCS0730	5.5	650	32	0.5-3.2	WX-102	600	600	900
80	80	80PCS1030	7.5	650	38	0.5-3.8	WX-102	600	600	900
100	100	100PCS0740	5.5	1000	18	0.5-1.8	WX-102	600	600	900
100	100	100PCS1040	7.5	1000	26	0.5-2.6	WX-102	600	600	900
100	100	100PCS1540	11	1150	28	0.5-2.8	WX-102	600	700	900
100	100	100PCS41050	11	2050	20	0.5-2.0	WX-102	600	700	900
100	100	100PCS42050	15	2500	20	0.5-2.0	WX-102	600	700	900
125	125	125PCS42550	18	2600	25	0.5-2.5	WX-102	600	700	900

☐ 2 Units Alternating Parallel- PCP model

Suction(mm)	Discharge(mm)	Model	Standard model		Height	Constant pressure hypothesis scope（kg/cm²）	Smaller Diaphagm Tank	Dimensions in		
			Pump Motor（KW)	Quantity(L/min)				L	W	H
25 x 2	50	25PCP0110U	0.75 x 2	240	18	0.5-1.8	WX-101	800	600	600
40 x 2	65	40PCP0215	1.5 x 2	400	21	0.5-2.1	WX-101	800	600	600
50 x 2	65	50PCP0220	1.5 x 2	520	17	0.5-1.7	WX-101	800	600	600
50 x 2	65	50PCP0320U	2.2 x 2	480	26	0.5-2.6	WX-102	950	600	950
50 x 2	65	50PCP0320	2.2 x 2	660	21	0.5-2.1	WX-102	950	600	950
50 x 2	65	50PCP0520	3.7 x 2	400	35	0.5-3.5	WX-102	950	600	950
50 x 2	65	50PCP0720U	5.5 x 2	660	42	0.5-4.2	WX-102	950	600	950
50 x 2	80	50PCP1020U	7.5 x 2	760	50	0.5-5.0	WX-102	950	600	950
65 x 2	100	65PCP0325	2.2 x 2	1200	16	0.5-1.6	WX-102	950	600	950
65 x 2	100	65PCP1525U	11 x 2	1200	55	0.5-5.5	WX-102	1100	700	1100
65 x 2	100	65PCP2025U	15 x 2	1360	62	0.5-6.2	WX-102	1100	700	1100
80 x 2	100	80PCP0530U	3.7 x 2	920	27	0.5-2.7	WX-102	950	600	950
80 x 2	100	80PCP0530	3.7 x 2	1250	24	0.5-2.4	WX-102	950	600	950
80 x 2	100	80PCP0730	5.5 x 2	1300	32	0.5-3.2	WX-102	950	600	950
80 x 2	100	80PCP1030	7.5 x 2	1300	38	0.5-3.8	WX-102	950	600	950
100 x 2	125	100PCP0740	5.5 x 2	2000	18	0.5-1.8	WX-102	950	600	950
100 x 2	125	100PCP1040	7.5 x 2	2000	26	0.5-2.6	WX-102	950	600	950
100 x 2	125	100PCP1540	11 x 2	2300	28	0.5-2.8	WX-102	1100	700	1100
100 x 2	200	100PCP41050	11 x 2	4100	20	0.5-2.0	WX-102	1100	700	1100
100 x 2	200	100PCP42050	15 x 2	5000	20	0.5-2.0	WX-102	1100	700	1100
125 x 2	200	125PCP42550	18 x 2	5200	25	0.5-2.5	WX-102	1100	700	1100

☐ 3 Units Alternating Parallel- PCC model

Suction(mm)	Discharge(mm)	Model	Standard model		Height	Constant pressure hypothesis scope（kg/cm²）	Smaller Diaphagm Tank	Dimensions in		
			Pump Motor（KW)	Quantity(L/min)				L	W	H
25 x 3	50	25PCC0110U	0.75 x 3	360	18	0.5-1.8	WX-102	1100	700	950
40 x 3	65	40PCC0215	1.5 x 3	600	21	0.5-2.1	WX-102	1100	700	950
50 x 3	80	50PCC0220	1.5 x 3	780	17	0.5-1.7	WX-102	1100	700	950
50 x 3	80	50PCC0320U	2.2 x 3	720	26	0.5-2.6	WX-102	1100	700	1250
50 x 3	100	50PCC0320	2.2 x 3	990	21	0.5-2.1	WX-102	1100	700	1250
50 x 3	65	50PCC0520	3.7 x 3	600	35	0.5-3.5	WX-102	1100	700	1250
50 x 3	100	50PCC0720U	5.5 x 3	990	42	0.5-4.2	WX-102	1250	700	1250
50 x 3	100	50PCC1020U	7.5 x 3	1140	50	0.5-5.0	WX-102	1250	700	1250
65 x 3	125	65PCC0325	2.2 x 3	1800	16	0.5-1.6	WX-102	1100	700	1250
65 x 3	125	65PCC1525U	11 x 3	1800	55	0.5-5.5	WX-202	1400	700	1850
65 x 3	125	65PCC2025U	15 x 3	2040	62	0.5-6.2	WX-202	1400	700	1850
80 x 3	100	80PCC0530U	3.7 x 3	1380	27	0.5-2.7	WX-102	1100	700	1250
80 x 3	125	80PCC0530	3.7 x 3	1875	24	0.5-2.4	WX-102	1100	700	1250
80 x 3	125	80PCC0730	5.5 x 3	1950	32	0.5-3.2	WX-102	1250	700	1250
80 x 3	125	80PCC1030	7.5 x 3	1950	38	0.5-3.8	WX-202	1250	700	1250
100 x 3	150	100PCC0740	5.5 x 3	3000	18	0.5-1.8	WX-202	1250	700	1250
100 x 3	150	100PCC1040	7.5 x 3	3000	26	0.5-2.6	WX-202	1250	700	1250
100 x 3	150	100PCC1540	11 x 3	3450	28	0.5-2.8	WX-202	1400	700	1850
100 x 3	200	100PCC41050	11 x 3	6150	20	0.5-2.0	WX-202	1400	700	1850
100 x 3	200	100PCC42050	15 x 3	7500	20	0.5-2.0	WX-202	1400	700	1850
125 x 3	200	125PCC42550	18 x 3	7800	25	0.5-2.5	WX-202	1400	700	1850