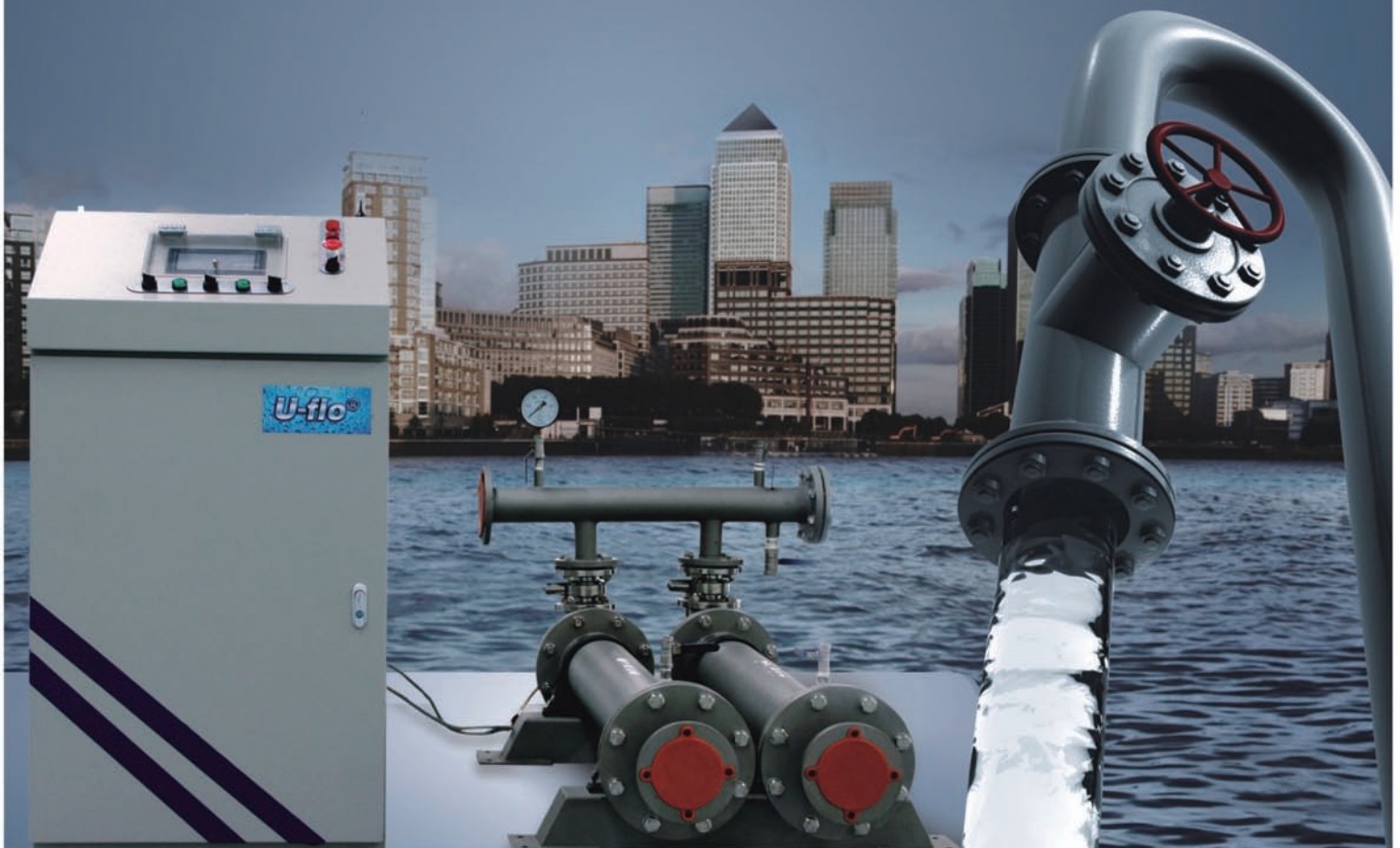




Products Guide

BG(L)/BVL | SERIES



Micorocomputer variable-frequency mute
constant-pressure inner pipe pump unit



U-FLO Pump

Summary:

The microcomputer variable frequency constant pressure mute tube pump unit, what is new launched, There are obvious advantages and features than the general vertical/horizontal centrifugal pumps. As the motor and pump parts completely sealed in the pipe, pump motor is surrounded by circulating water, cooling the motor by the flow rate of water (the general lie centrifugal pumps cool the motor by the motor fan), unusually quiet when motor operates, solved the motor noise problem fundamentally. Meanwhile as the whole pumps is made by the stainless steel, use the shielded water filling Franklin motor, so solved the Oil leak of oil filling motor and water Insanitary fundamentally.

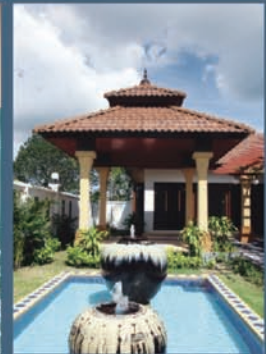
The Installation of the U-FLO microcomputer variable frequency constant pressure tube pump supply unit is very flexible and convenient. Without the need of pump room, the space request is minor, can work in a wet environment, this type of pump can be installed vertical, horizontal or inclined, can be connected with the existing pipeline by the pipe flange, and also can connected with the by-pass line. This unit adopts the imported variable frequency control system to control the pump, overcomes the pressure breakthrough of the general variable frequency control system completely, pressure changing will not cause the water temperature fluctuated when the hot and cold water flow at the same time, this unit will be one of the best second pressurized water supply equipment.

As the silent tube pump supply unit operates safely, silent, installed and used simply, flexible, the parts are environmentally friendly, so it is widely used in the water supply ancillary products for the compression of high-rise building and community, the compression automatic circulatory system, the afforest irrigation, the medical and health, the shower system, the compression of villa.

Features :

- ▣ Constant pressure water supply boost system
- ▣ Super mute
- ▣ Saving cost, easy to install and maintain
- ▣ Environmentally friendly, healthful, no pollution
- ▣ Highly automatic, safe, energy-saving

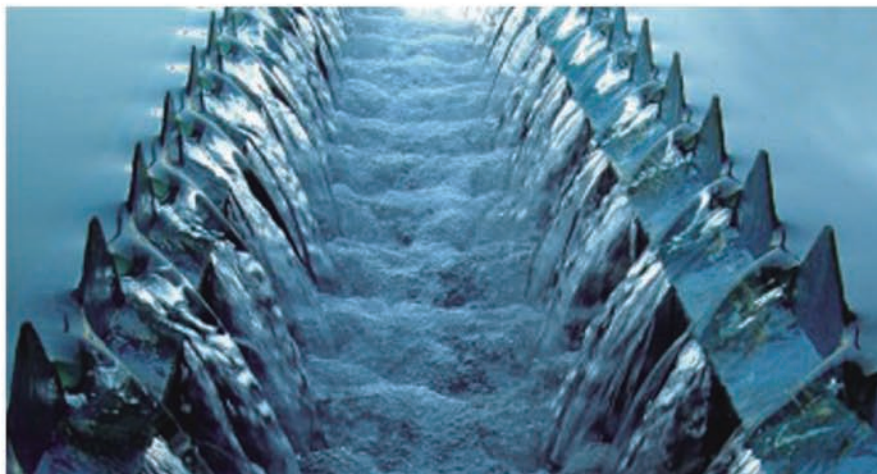
Applications



the water supply and boost of high-rise residence community, office building, hotel, villa, the renovation of tank water supply equipment, the boost of automatic circulating system, the greening irrigation, the health care, the shower systems, the snowmaking system etc.

Advantages

- 1.Constant pressure water supply & boost system: steady water supply system, no pressure change, no trouble in water supply suddenly, adjustable upper and lower pressure setting value, the system only needs a small volume pressure tank, small in size and compact in structure.
- 2.Super mute: Submerged in water and sealed in pipe, the pump is mute when operating. The noise can be reduced to around 35dB (General Equipment 80–100dB). Mean while, the special mute frequency converter and together with soft start and stop, effectively reduced the pressure change rate and eliminated noise caused by water hammer. Thus resolve the noise problem during the second water supply.
- 3.Save investment, easy to install and maintain: the equipment does not need storage battery, water tanks on the roof as well as water treatment equipments. Thus save the floor space and reduce investment cost. The equipment adopts stainless steel material in appearance as well as pumps and motors. Motor and pump placed in stainless steel pipes after connected. Without special pumping station, it can be placed inside or outside without any shelter or even placed in harsh conditions, such as the ditch and the pool or hung on the wall and the eaves. The appearance is neat and practical. When one pump set of the water supply equipment fails to operating, just close the valves at both ends of this pump set and dismount freely without affecting the operation of other pump sets. The bearings of pump set and motor adopt water-lubricate type. It only needs fresh water instead of any oil or grease. The motor adopts water-filled type which is almost free to maintain.



Advantages

- 4.Environmental protection, health and non-pollution: It is Italian imported water pumps featured with high efficiency, steady operation and reliable quality. The material of all parts is 304 or 316 stainless steel. All parts meet the environmental standards and possess inspection reports authorized by the health and quarantine department. U-flo adopts American Franklin water filled motor, which meets the U.S. FDA food standards and has no water pollution. Other flow-over components adopt food-grade materials such as stainless steel. The equipment structure forms a sealed system, thus eliminate the water pollution completely and meet the international water health standard.
- 5.Highly automatic, safe and energy saving: the equipment can achieve automatic control. It has many functions such as manual / auto switch, pressure adjustment, constant pressure, stop function when no water consumption, detection and compensation function when water leakage, water shortage and under-voltage protection. Meanwhile it is of high and low voltage protection, phase-lacking protection, earth leakage protection, overload protection and overheating protection. All pumps adopt the built-in check valve and stepless speed control which is featured with no pressure difference and also the water pipe will not burst caused by water hammer, which is formed by sudden shock. The pump unit adopts the mute frequency converter, soft start and stop. The starting current is quite low and the power consumption is determined by water consumption. Thus achieve high efficiency and energy saving.

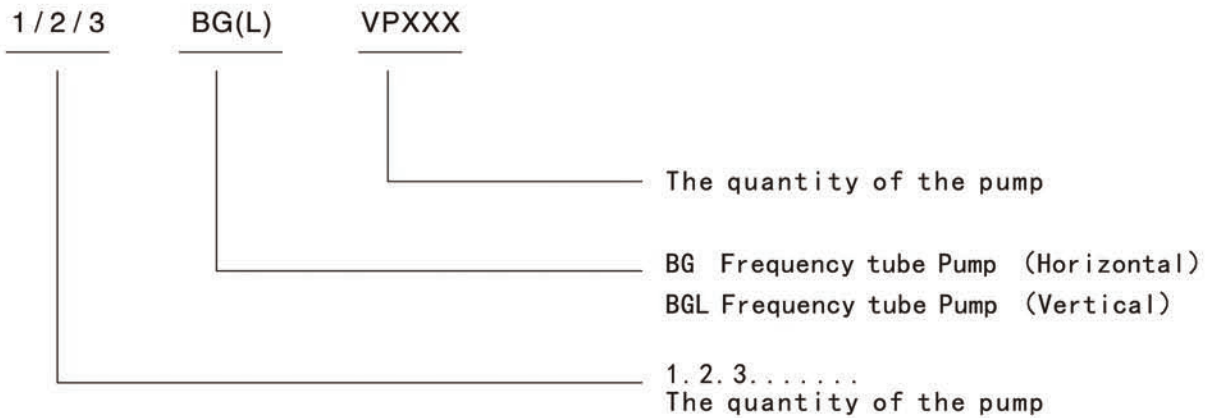
Configuration

1. pump: Adopt U.S. U-FLO stainless steel submersible pump and origion stainless steel encapsuled water-filled motor.
- 2.Frequency Converter: DANFOSS/ABB
- 3.Pressure transducer: DANFOSS
- 4.Control component: Mitsubishi
- 5.Programmable logic controller module: (PLC+PID) , ABB, SIEMENS
- 6.Components such as electrical equipment and switches:French TE, FuJI
- 7.Cabinet: Germany Riter, Taiwan Hy-po
- 8.Pressure tank: U.S. GWS
- 9.Valve: stainless steel valve

The configuration is optional as required.

Mute inner of pipe type boost pump water supply unit

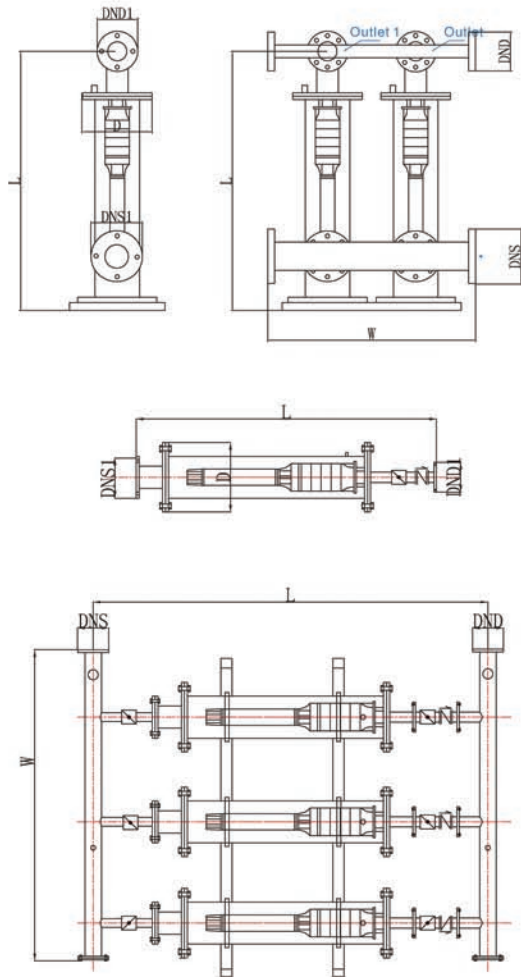
TYPE DESCRIPTION



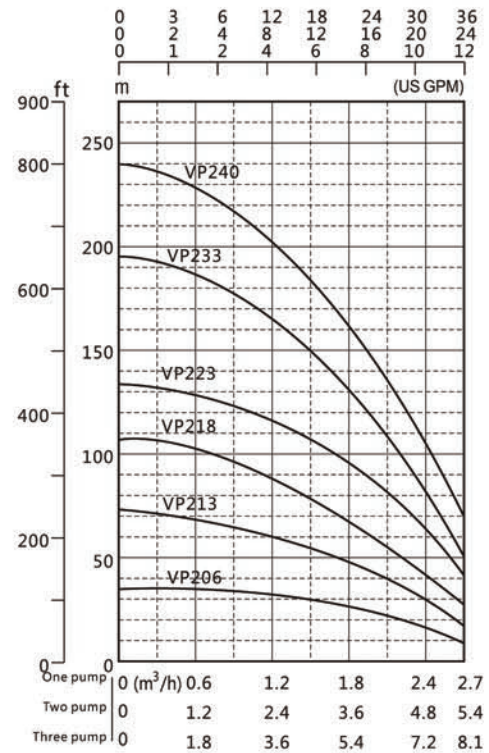
PRINCIPLE

Connect U-FLO high quality deep-well submersible pump to origion stainless steel deep-well submersible motor and place them to the pipe, together with connecting flange at both ends, vent valve, non-return pump, water shortage protection device and pressure gauges make up inner of pipe booster pump. The sealed system consists of one or several inner of pipe booster pumps, frequency converter, PLC + PID, pressure transducer, terminal and peripheral devices. The pressure transducer which is installed on the pipeline sends the feedback pressure signal to PID instrument. The output value will be compared with the setting value and the compared result will adjust the operating frequency of the frequency converter. Thus achieve the target of constant-pressure water supply controlled by pump speed.

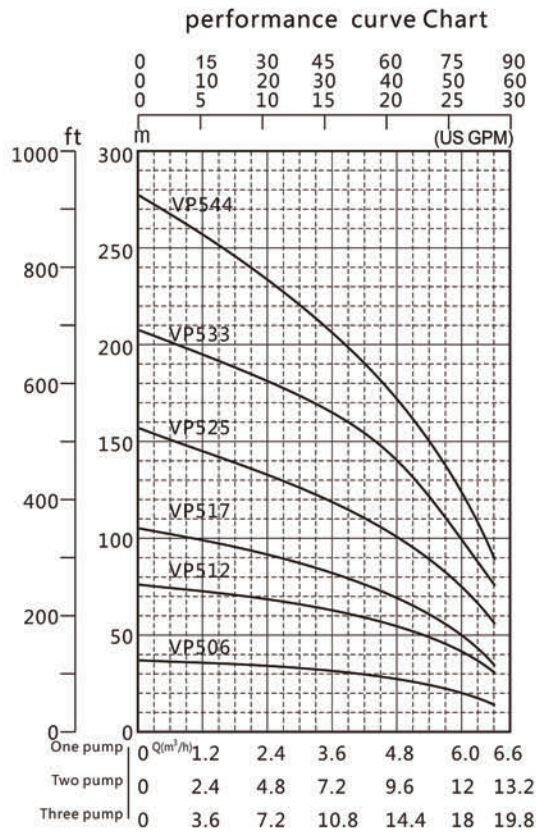
Installation Instruction



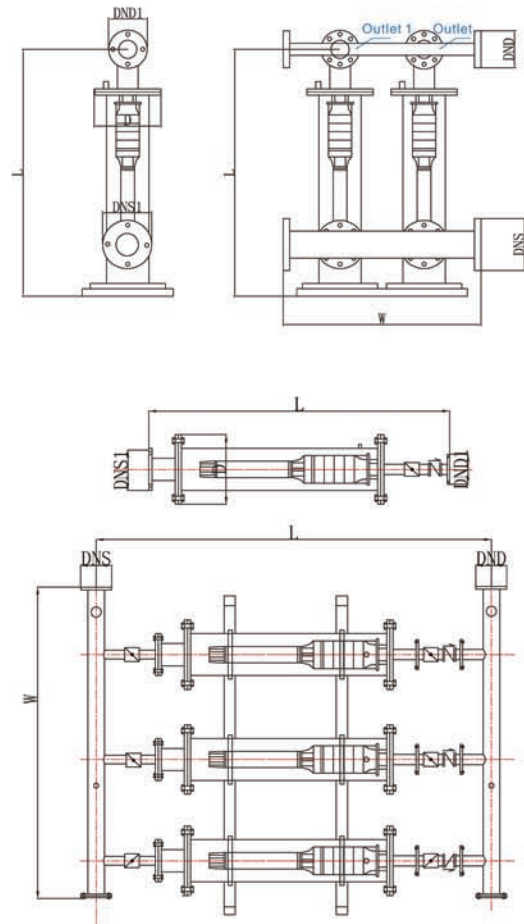
performance curve Chart



Model	Power		1BG Horizontal (feet)		2BG Horizontal (feet)		3BG Horizontal (feet)		1BGL Vertical (feet)		2BGL Vertical (feet)		3BGL Vertical (feet)		1BG(L) (inch)		1BG(L) (inch)		2/3BGL Flange dimension of inlet & outlet pipe (inch)	
	KW	HP	L	D	L	W	L	W	L	D	L	W	L	W	DNS1	DND1	Inlet flange	Outlet flange		
1BG(L)VP206	0.37	0.5	5.11	0.93	5.77	2.36	5.77	3.61	2.77	0.93	2.77	2.36	2.77	3.61	2"	1" 1/4	2" 1/2	2"		
1BG(L)VP213	0.55	0.75	5.68	0.93	6.34	2.36	6.34	3.61	3.35	0.93	3.35	2.36	3.35	3.61	2"	1" 1/4	2" 1/2	2"		
1BG(L)VP218	0.75	1	6.12	0.93	6.78	2.36	6.78	3.61	3.78	0.93	3.78	2.36	3.78	3.61	2"	1" 1/4	2" 1/2	2"		
1BG(L)VP223	1.1	1.5	6.50	0.93	7.15	2.36	7.15	3.61	4.16	0.93	4.16	2.36	4.16	3.61	2"	1" 1/4	2" 1/2	2"		
1BG(L)VP233	1.5	2	7.31	0.93	7.97	2.36	7.97	3.61	4.97	0.93	4.97	2.36	4.97	3.61	2"	1" 1/4	2" 1/2	2"		
1BG(L)VP240	2.2	3	8.08	0.93	8.73	2.36	8.73	3.61	5.74	0.93	5.74	2.36	5.74	3.61	2"	1" 1/4	2" 1/2	2"		

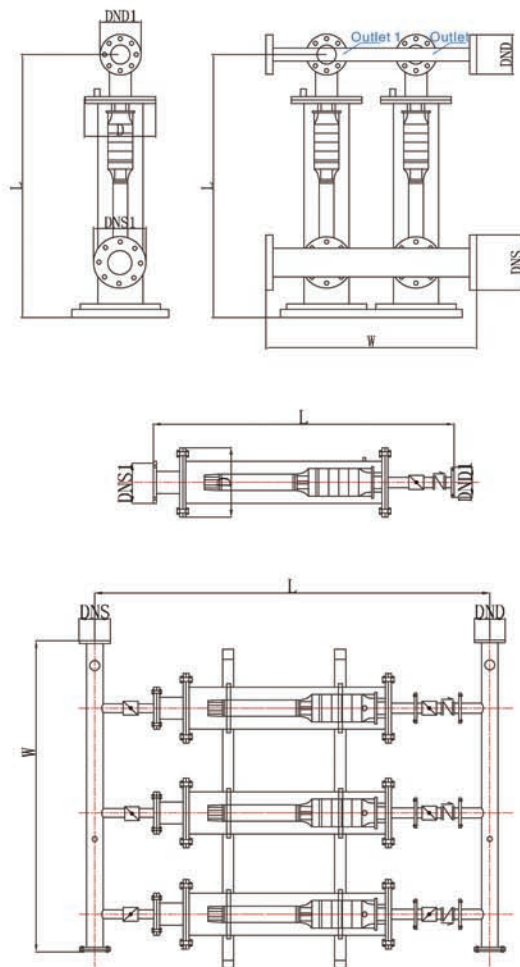


Installation Instruction

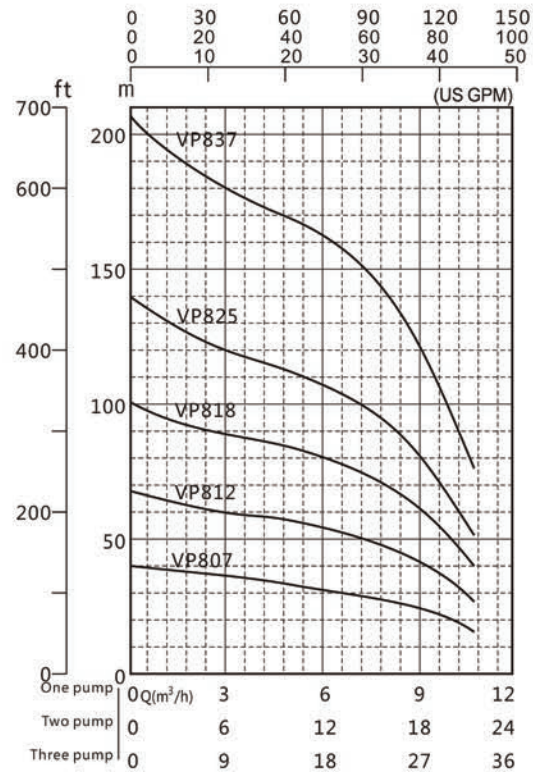


Model	Power		1BG Horizontal (feet)		2BG Horizontal (feet)		3BG Horizontal (feet)		1BGL Vertical (feet)		2BGL Vertical (feet)		3BGL Vertical (feet)		1BG(L) (inch)	1BG(L) (inch)	2/3BGL Flange dimension of inlet & outlet pipe (inch)	
	KW	HP	L	D	L	W	L	W	L	D	L	W	L	W	DNS1	DND1	Inlet flange	Outlet flange
1BG(L)VP506	0.55	0.75	5.20	0.93	5.86	2.36	5.86	3.61	2.86	0.93	2.86	2.36	2.86	3.61	2" 1/2	1" 1/2	2" 1/2	2"
1BG(L)VP512	1.1	1.5	5.71	0.93	6.36	2.36	6.36	3.61	3.37	0.93	3.37	2.36	3.37	3.61	2" 1/2	1" 1/2	2" 1/2	2"
1BG(L)VP517	1.5	2	6.21	0.93	6.87	2.36	6.87	3.61	3.87	0.93	3.87	2.36	3.87	3.61	2" 1/2	1" 1/2	2" 1/2	2"
1BG(L)VP525	2.2	3	6.96	0.93	7.62	2.36	7.62	3.61	4.62	0.93	4.62	2.36	4.62	3.61	2" 1/2	1" 1/2	2" 1/2	2"
1BG(L)VP533	3	4	8.03	0.93	8.68	2.36	8.68	3.61	5.69	0.93	5.69	2.36	5.69	3.61	2" 1/2	1" 1/2	2" 1/2	2"
1BG(L)VP544	4	5.5	9.40	0.93	10.06	2.36	10.06	3.61	6.74	0.93	6.74	2.36	6.74	3.61	2" 1/2	1" 1/2	2" 1/2	2"

Installation Instruction

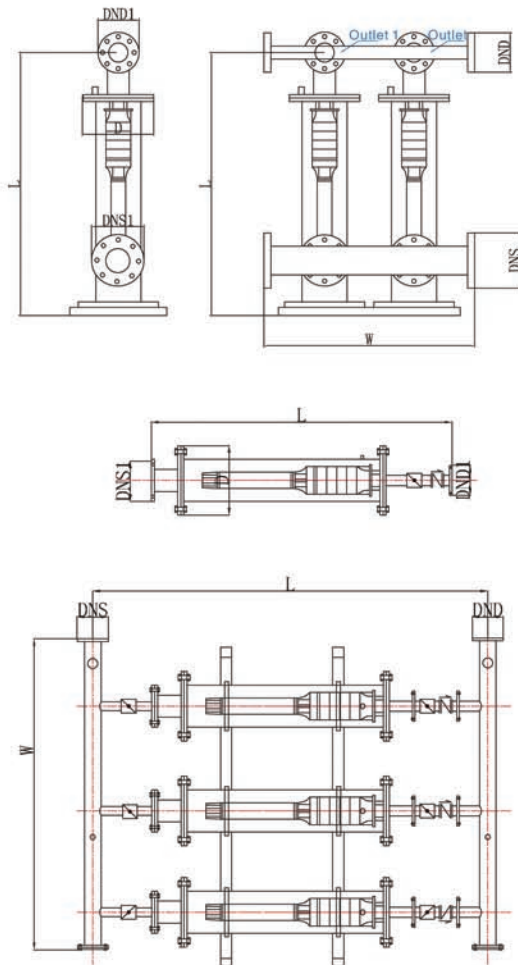


performance curve Chart

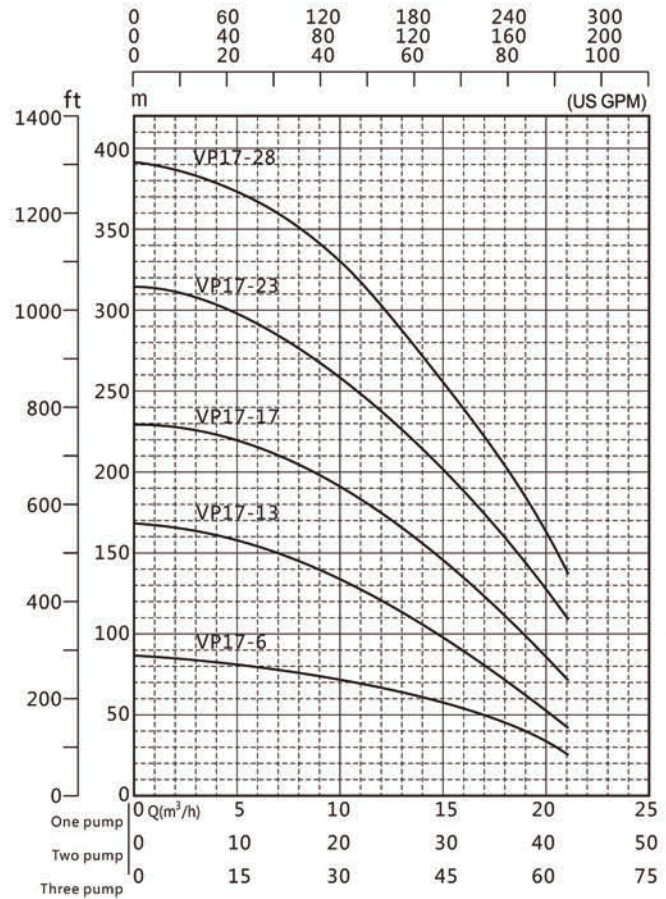


Model	Power		1BG Horizontal (feet)		2BG Horizontal (feet)		3BG Horizontal (feet)		1BGL Vertical (feet)		2BGL Vertical (feet)		3BGL Vertical (feet)		1BG(L) (inch)	1BG(L) (inch)	2/3BGL Flange dimension of inlet & outlet pipe (inch)	
	KW	HP	L	D	L	W	L	W	L	D	L	W	L	W	DNS1	DND1	Inlet flange	Outlet flange
1BG(L)VP807	1.1	1.5	5.69	0.93	6.34	2.36	6.34	3.61	3.43	0.93	3.43	2.36	3.43	3.61	3"	2"	4"	3"
1BG(L)VP812	2.2	3	7.01	0.93	7.67	2.36	7.67	3.61	4.75	0.93	4.75	2.36	4.75	3.61	3"	2"	4"	3"
1BG(L)VP818	3	4	8.35	0.93	9.01	2.36	9.01	3.61	6.09	0.93	6.09	2.36	6.09	3.61	3"	2"	4"	3"
1BG(L)VP825	4	5.5	9.85	0.93	10.51	2.36	10.51	3.61	7.27	0.93	7.27	2.36	7.27	3.61	3"	2"	4"	3"
1BG(L)VP837	5.5	7.5	11.79	0.93	12.45	2.36	12.45	3.61	9.21	0.93	9.21	2.36	9.21	3.61	3"	2"	4"	3"

Installation Instruction

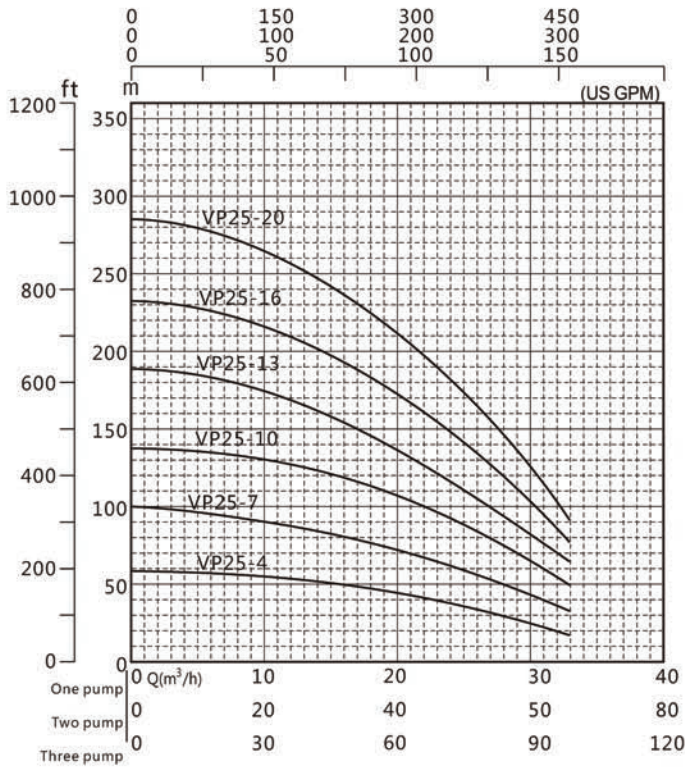


performance curve Chart

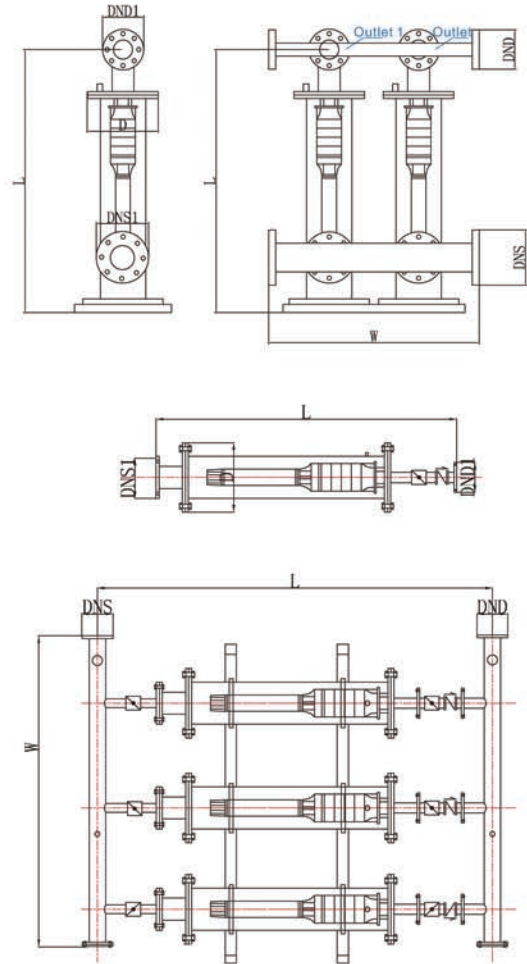


Model	Power		1BG Horizontal (feet)		2BG Horizontal (feet)		3BG Horizontal (feet)		1BGL Vertical (feet)		2BGL Vertical (feet)		3BGL Vertical (feet)		1BG(L) (inch)		1BG(L) (inch)		2/3BGL Flange dimension of inlet & outlet pipe (inch)	
	KW	HP	L	D	L	W	L	W	L	D	L	W	L	W	DNS1	DND1	Inlet flange	Outlet flange		
1BG(L)VP17-6	3.7	5	7.00	1.12	7.66	2.62	7.66	4.10	4.91	1.12	4.91	2.62	4.91	4.10	3"	2"	4"	3"		
1BG(L)VP17-13	7.5	10	8.66	1.12	9.32	2.62	9.32	4.10	6.57	1.12	6.57	2.62	6.57	4.10	3"	2"	4"	3"		
1BG(L)VP17-17	11	15	9.08	1.12	9.74	2.62	9.74	4.10	6.99	1.12	6.99	2.62	6.99	4.10	3"	2"	4"	3"		
1BG(L)VP17-23	15	20	10.23	1.12	10.89	2.62	10.89	4.10	8.14	1.12	8.14	2.62	8.14	4.10	3"	2"	4"	3"		
1BG(L)VP17-28	18.5	25	11.22	1.12	11.88	2.62	11.88	4.10	9.13	1.12	9.13	2.62	9.13	4.10	3"	2"	4"	3"		

performance curve Chart

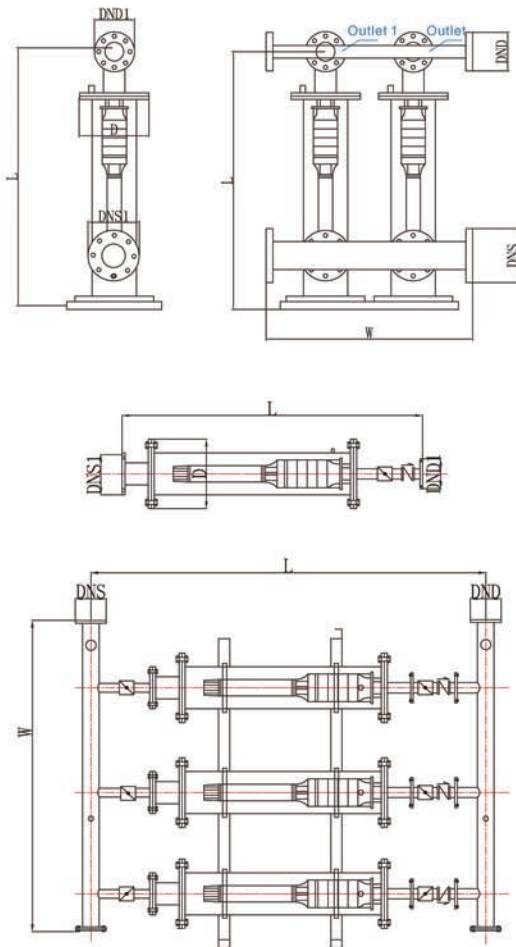


Installation Instruction

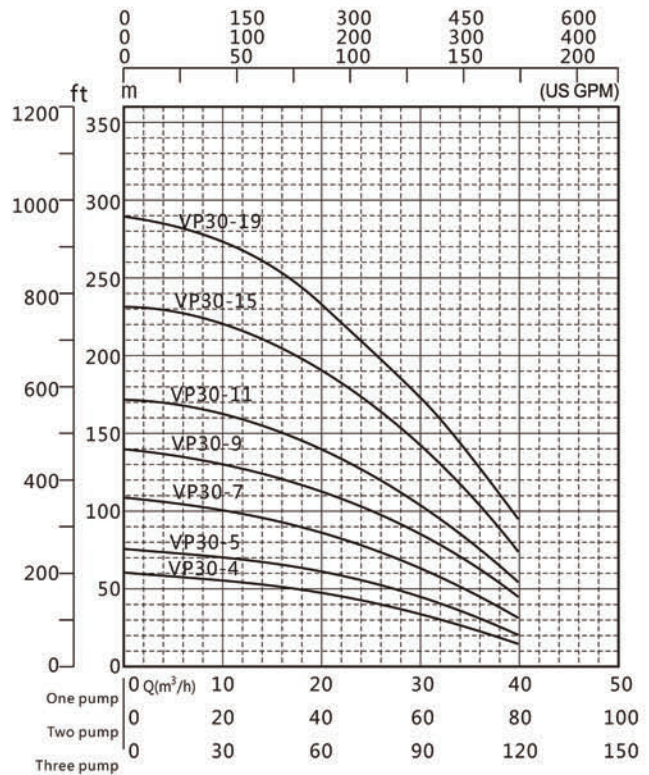


Model	Power		1BG Horizontal (feet)		2BG Horizontal (feet)		3BG Horizontal (feet)		1BGL Vertical (feet)		2BGL Vertical (feet)		3BGL Vertical (feet)		1BG(L) (inch)		1BG(L) (inch)		2/3BGL Flange dimension of inlet & outlet pipe (inch)	
	KW	HP	L	D	L	W	L	W	L	D	L	W	L	W	DNS1	DND1	Inlet flange	Outlet flange		
1BG(L)VP25-4	3.7	5	6.81	1.12	7.47	2.62	7.47	4.10	4.72	1.12	4.72	2.62	4.72	4.10	3"	2"	4"	3"		
1BG(L)VP25-7	7.5	10	7.94	1.12	8.60	2.62	8.60	4.10	5.85	1.12	5.85	2.62	5.85	4.10	3"	2"	4"	3"		
1BG(L)VP25-10	11	15	8.30	1.12	8.96	2.62	8.96	4.10	6.22	1.12	6.22	2.62	6.22	4.10	3"	2"	4"	3"		
1BG(L)VP25-13	15	20	9.08	1.12	9.74	2.62	9.74	4.10	6.99	1.12	6.99	2.62	6.99	4.10	3"	2"	4"	3"		
1BG(L)VP25-16	15	20	9.64	1.12	10.30	2.62	10.30	4.10	7.55	1.12	7.55	2.62	7.55	4.10	3"	2"	4"	3"		
1BG(L)VP25-20	18.5	25	10.60	1.12	11.25	2.62	11.25	4.10	8.51	1.12	8.51	2.62	8.51	4.10	3"	2"	4"	3"		

Installation Instruction

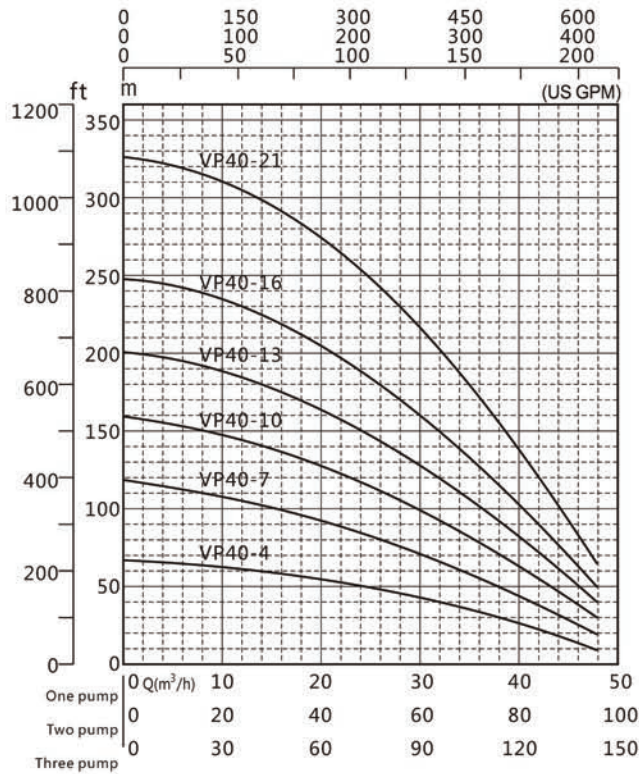


performance curve Chart

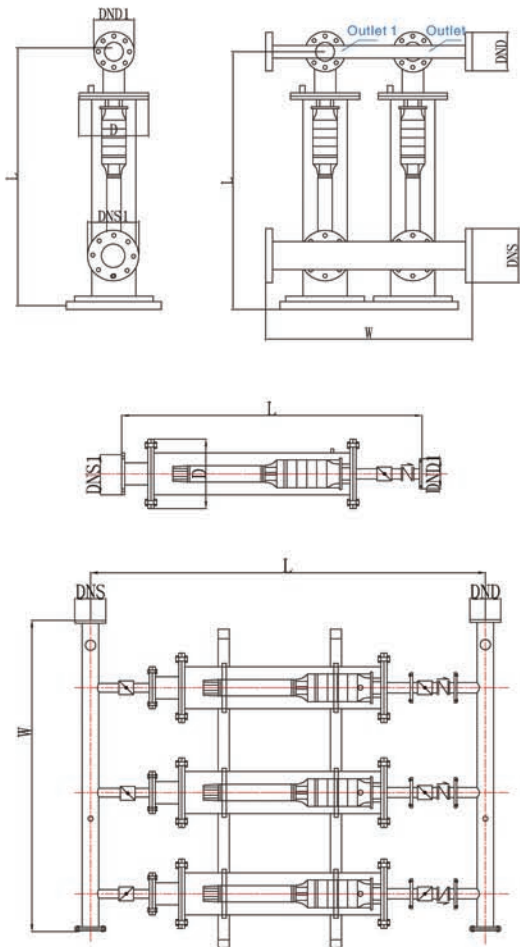


Model	Power		1BG Horizontal (feet)		2BG Horizontal (feet)		3BG Horizontal (feet)		1BGL Vertical (feet)		2BGL Vertical (feet)		3BGL Vertical (feet)		1BG(L) (inch)		1BG(L) (inch)		2/3BGL Flange dimension of inlet & outlet pipe (inch)	
	KW	HP	L	D	L	W	L	W	L	D	L	W	L	W	DNS1	DND1	Inlet flange	Outlet flange		
1BG(L)VP30-4	5.5	7.5	6.91	1.12	7.57	2.62	7.57	4.10	5.58	1.12	5.58	2.62	5.58	4.10	3"	2"	4"	3"		
1BG(L)VP30-7	11	15	7.79	1.12	8.45	2.62	8.45	4.10	5.70	1.12	5.70	2.62	5.70	4.10	3"	2"	4"	3"		
1BG(L)VP30-9	11	15	8.17	1.12	8.82	2.62	8.82	4.10	6.17	1.12	6.17	2.62	6.17	4.10	3"	2"	4"	3"		
1BG(L)VP30-11	15	20	8.75	1.12	9.41	2.62	9.41	4.10	6.66	1.12	6.66	2.62	6.66	4.10	3"	2"	4"	3"		
1BG(L)VP30-15	18.5	25	9.71	1.12	10.37	2.62	10.37	4.10	7.62	1.12	7.62	2.62	7.62	4.10	3"	2"	4"	3"		
1BG(L)VP30-19	22	30	10.68	1.12	11.33	2.62	11.33	4.10	8.29	1.12	8.29	2.62	8.29	4.10	3"	2"	4"	3"		

performance curve Chart

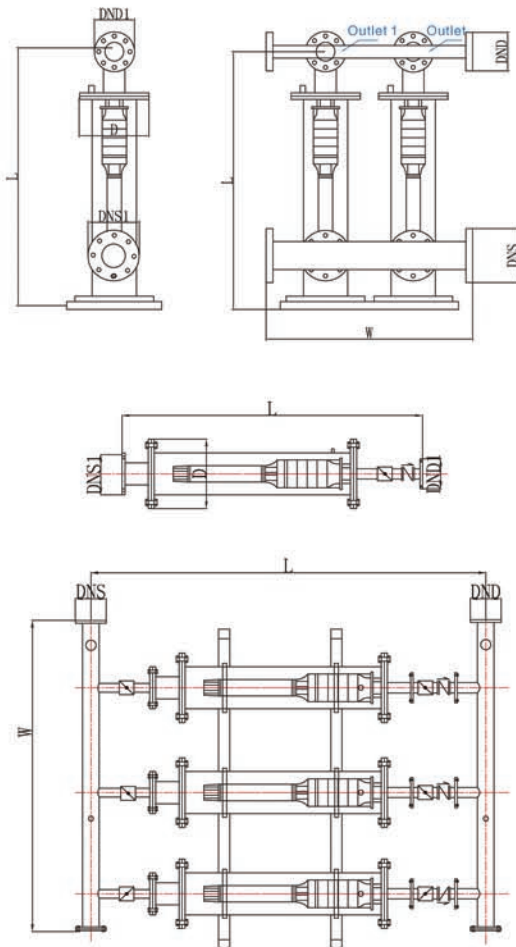


Installation Instruction

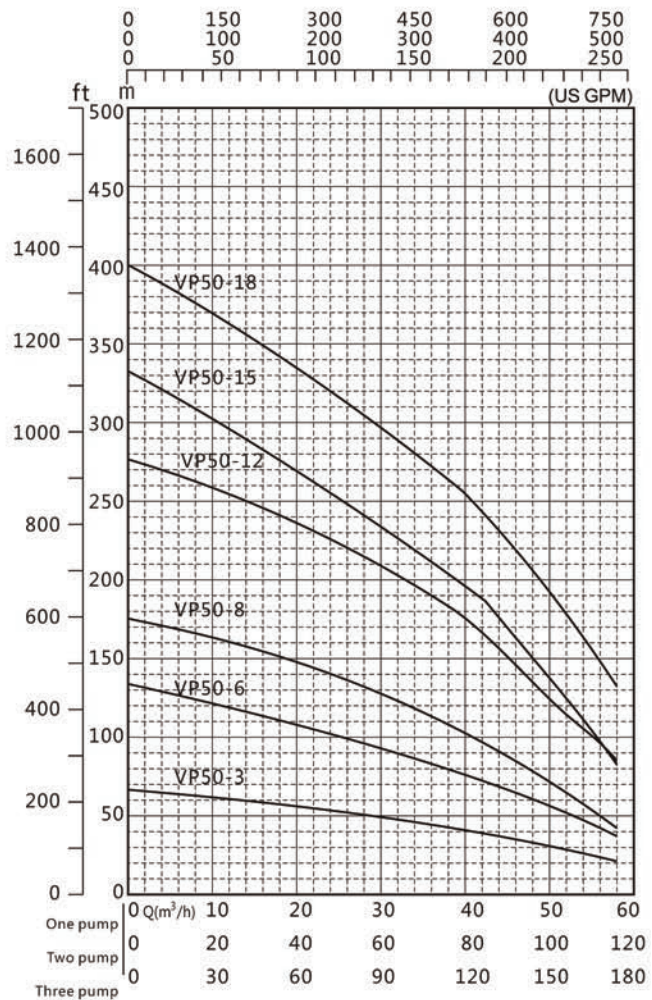


Model	Power		1BG Horizontal (feet)		2BG Horizontal (feet)		3BG Horizontal (feet)		1BGL Vertical (feet)		2BGL Vertical (feet)		3BGL Vertical (feet)		1BG(L) (inch)		1BG(L) (inch)		2/3BGL Flange dimension of inlet & outlet pipe (inch)	
	KW	HP	L	D	L	W	L	W	L	D	L	W	L	W	DNS1	DND1	Inlet flange	Outlet flange		
1BG(L)VP40-4	5.5	7.5	7.28	1.12	7.93	2.79	7.93	4.26	5.19	1.12	5.19	2.79	5.19	4.26	5"	3"	5" 1/2	5"		
1BG(L)VP40-7	11	15	7.79	1.12	8.45	2.79	8.45	4.26	5.68	1.12	5.68	2.79	5.68	4.26	5"	3"	5" 1/2	5"		
1BG(L)VP40-10	11	15	8.35	1.12	9.01	2.79	9.01	4.26	6.26	1.12	6.26	2.79	6.26	4.26	5"	3"	5" 1/2	5"		
1BG(L)VP40-13	15	20	9.13	1.12	9.78	2.79	9.78	4.26	7.04	1.12	7.04	2.79	7.04	4.26	5"	3"	5" 1/2	5"		
1BG(L)VP40-16	18.5	25	9.90	1.12	10.56	2.79	10.56	4.26	7.81	1.12	7.81	2.79	7.81	4.26	5"	3"	5" 1/2	5"		
1BG(L)VP40-21	22	30	11.05	1.12	11.71	2.79	11.71	4.26	8.96	1.12	8.96	2.79	8.96	4.26	5"	3"	5" 1/2	5"		

Installation Instruction

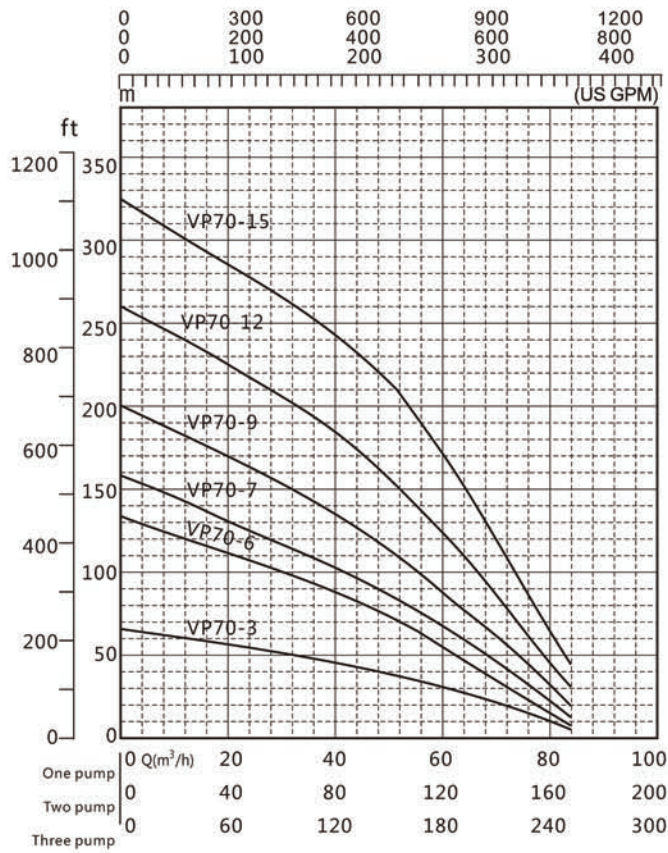


performance curve Chart

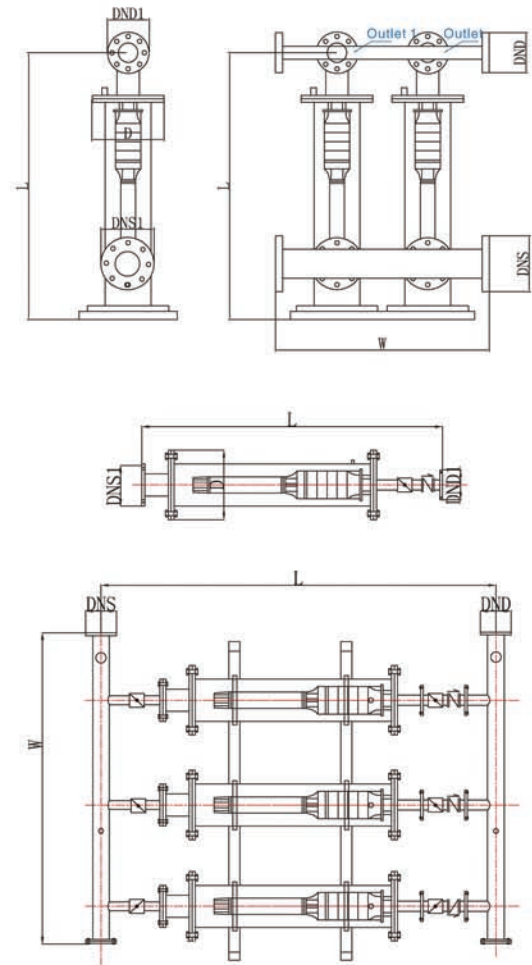


Model	Power		1BG Horizontal (feet)		2BG Horizontal (feet)		3BG Horizontal (feet)		1BGL Vertical (feet)		2BGL Vertical (feet)		3BGL Vertical (feet)		1BG(L) (inch)		1BG(L) (inch)		2/3BGL Flange dimension of inlet & outlet pipe (inch)	
	KW	HP	L	D	L	W	L	W	L	D	L	W	L	W	DNS1	DND1	Inlet flange	Outlet flange		
1BG(L)VP50-3	5.5	7.5	6.70	1.12	7.35	2.79	7.35	4.26	4.61	1.12	4.61	2.79	4.61	4.26	5"	3"	8"	5"		
1BG(L)VP50-6	11	15	7.58	1.12	8.23	2.79	8.23	4.26	5.49	1.12	5.49	2.79	5.49	4.26	5"	3"	8"	5"		
1BG(L)VP50-8	15	20	8.16	1.12	8.82	2.79	8.82	4.26	6.07	1.12	6.07	2.79	6.07	4.26	5"	3"	8"	5"		
1BG(L)VP50-12	22	30	9.34	1.12	9.99	2.79	9.99	4.26	9.99	1.12	9.99	2.79	9.99	4.26	5"	3"	8"	5"		
1BG(L)VP50-15	30	40	10.32	1.12	10.98	2.79	10.98	4.26	10.98	1.12	10.98	2.79	10.98	4.26	5"	3"	8"	5"		
1BG(L)VP50-18	37	50	12.24	1.12	12.90	2.79	12.90	4.26	12.90	1.12	12.90	2.79	12.90	4.26	5"	3"	8"	5"		

performance curve Chart

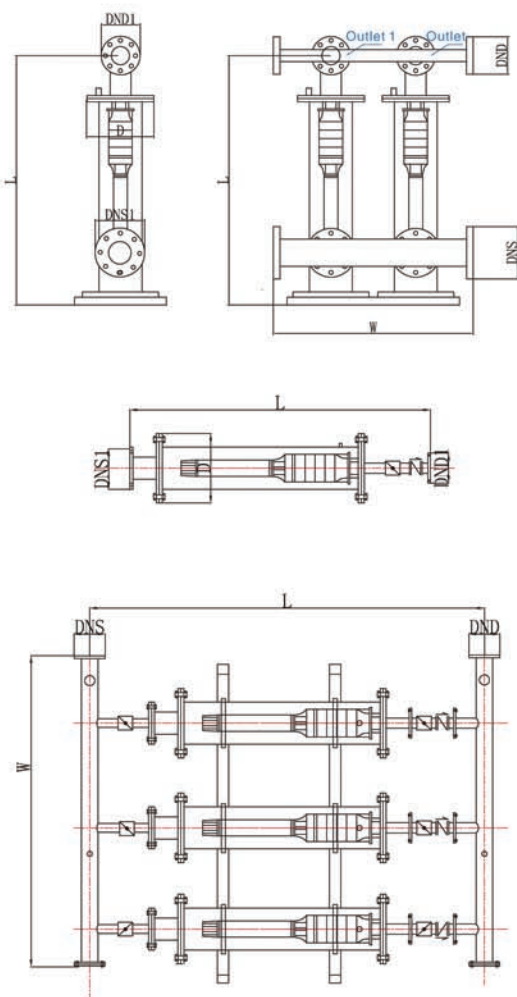


Installation Instruction

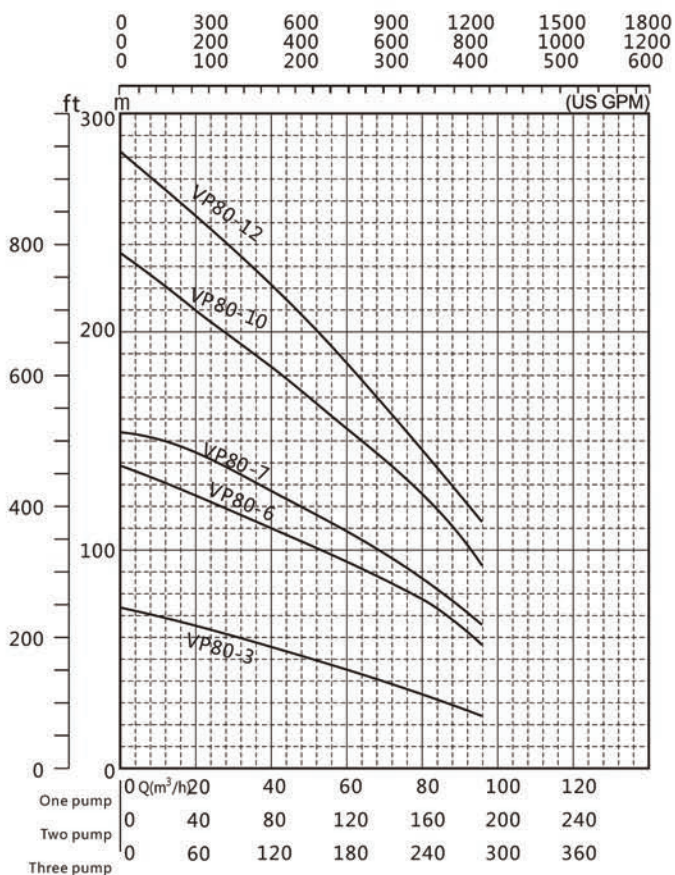


Model	Power		1BG Horizontal (feet)		2BG Horizontal (feet)		3BG Horizontal (feet)		1BGL Vertical (feet)		2BGL Vertical (feet)		3BGL Vertical (feet)		1BG(L) (inch)	1BG(L) (inch)	2/3BGL Flange dimension of inlet & outlet pipe (inch)	
	KW	HP	L	D	L	W	L	W	L	D	L	W	L	W	DNS1	DND1	Inlet flange	Outlet flange
1BG(L)VP70-3	7.5	10	6.95	1.12	7.61	3.12	7.61	4.76	4.75	1.12	4.75	3.12	4.75	4.76	5"	4"	8"	5" 1/2
1BG(L)VP70-6	15	20	7.98	1.12	8.63	3.12	8.63	4.76	5.77	1.12	5.77	3.12	5.77	4.76	5"	4"	8"	5" 1/2
1BG(L)VP70-7	18.5	25	8.38	1.12	9.04	3.12	9.04	4.76	6.18	1.12	6.18	3.12	6.18	4.76	5"	4"	8"	5" 1/2
1BG(L)VP70-9	22	30	8.99	1.12	9.65	3.12	9.65	4.76	6.79	1.12	6.79	3.12	6.79	4.76	5"	4"	8"	5" 1/2
1BG(L)VP70-12	30	40	10.01	1.12	10.66	3.12	10.66	4.76	7.80	1.12	7.80	3.12	7.80	4.76	5"	4"	8"	5" 1/2
1BG(L)VP70-15	37	50	11.81	1.12	12.46	3.12	12.46	4.76	8.95	1.12	8.95	3.12	8.95	4.76	5"	4"	8"	5" 1/2

Installation Instruction



performance curve Chart

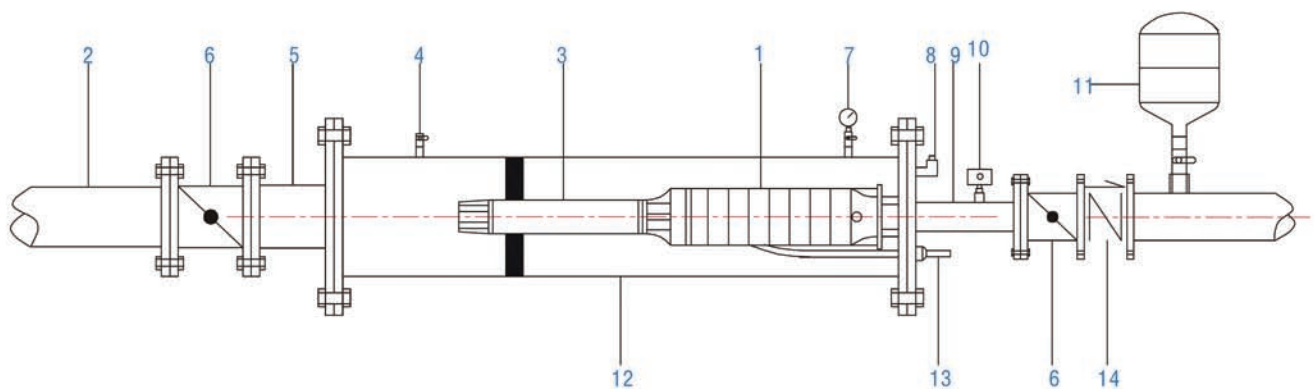


Model	Power		1BG Horizontal (feet)		2BG Horizontal (feet)		3BG Horizontal (feet)		1BGL Vertical (feet)		2BGL Vertical (feet)		3BGL Vertical (feet)		1BG(L) (inch)		1BG(L) (inch)		2/3BGL Flange dimension of inlet & outlet pipe (inch)	
	KW	HP	L	D	L	W	L	W	L	D	L	W	L	W	DNS1	DND1	Inlet flange	Outlet flange		
1BG(L)VP80-3	11	15	7.58	1.12	8.24	3.12	8.24	4.76	5.77	1.12	5.77	3.12	5.77	4.76	5" 1/2	4"	8"	5" 1/2		
1BG(L)VP80-5	15	20	8.80	1.12	9.45	3.12	9.45	4.76	6.99	1.12	6.99	3.12	6.99	4.76	5" 1/2	4"	8"	5" 1/2		
1BG(L)VP80-7	22	30	10.41	1.12	11.07	3.12	11.07	4.76	8.60	1.12	8.60	3.12	8.60	4.76	5" 1/2	4"	8"	5" 1/2		
1BG(L)VP80-10	30	40	13.32	1.12	13.98	3.12	13.98	4.76	11.51	1.12	11.51	3.12	11.51	4.76	5" 1/2	4"	8"	5" 1/2		
1BG(L)VP80-12	37	50	13.62	1.12	14.28	3.44	14.28	5.08	11.32	1.30	11.32	3.44	11.32	5.08	5" 1/2	4"	8"	5" 1/2		

Components Instruction

No.	Description
1	Submersible pump
2	Inlet
3	Submersible motor
4	Vent valve
5	Inlet shot pipe
6	Stop valve
7	Pressure gauge
8	Lack of bearing block
9	Outlet shot pipe
10	Pressure sensor
11	Pressure tank
12	Sleeve
13	Cable
14	Check valve

picture 1



picture 1



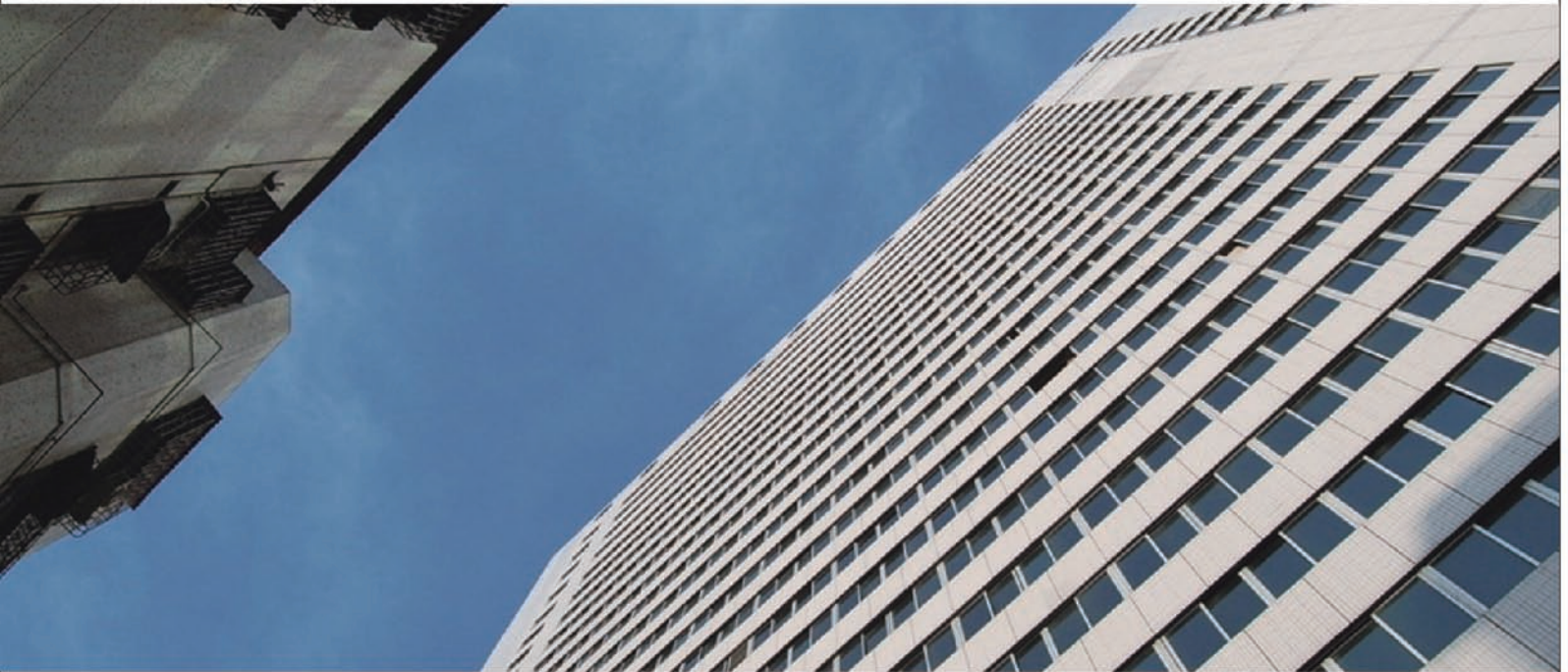
BVL | SERIES

Applications

- ▣ Boost
- ▣ Water supply
- ▣ Deep-well pumping
- ▣ Rainwater delivery
- ▣ Cleaning system
- ▣ Agricultural irrigation & sprinkling system
- ▣ Fountain and water entertainment project
- ▣ Special design for noise reduction
- ▣ Special design for time saving

Features

- ▣ Improved VL series is a multifunctional pump which applies to water and ground. It adopts stainless steel material, compact in design and durable in use.
- ▣ Impeller and defuser are made of stainless steel, wear-resistant and efficient.
- ▣ Double mechanical seal is separated by the liquid chamber, which maximizes the motor protection.
- ▣ Embedded cable and float are easy to replace.
- ▣ The cooling water of the sealed motor is pumped by pump itself that makes no noise.
- ▣ Pump adopts flange connection that makes it easier to install in a narrow space.



Technical Parameters

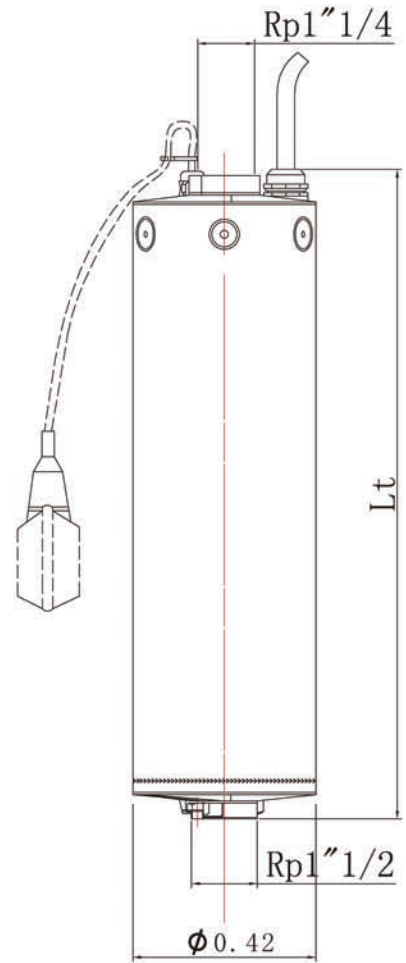
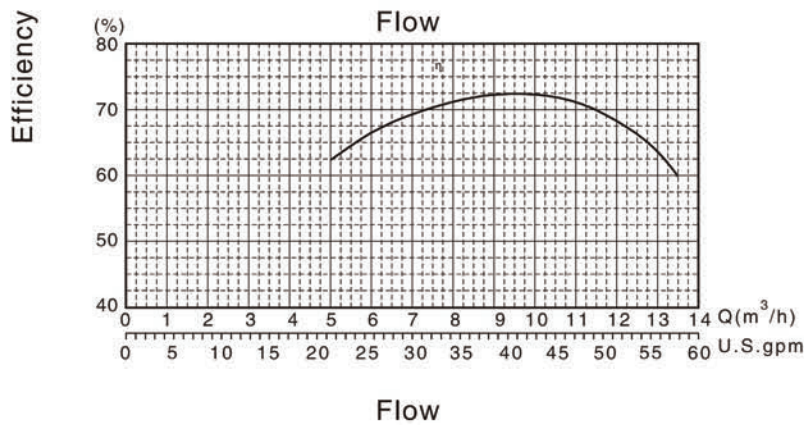
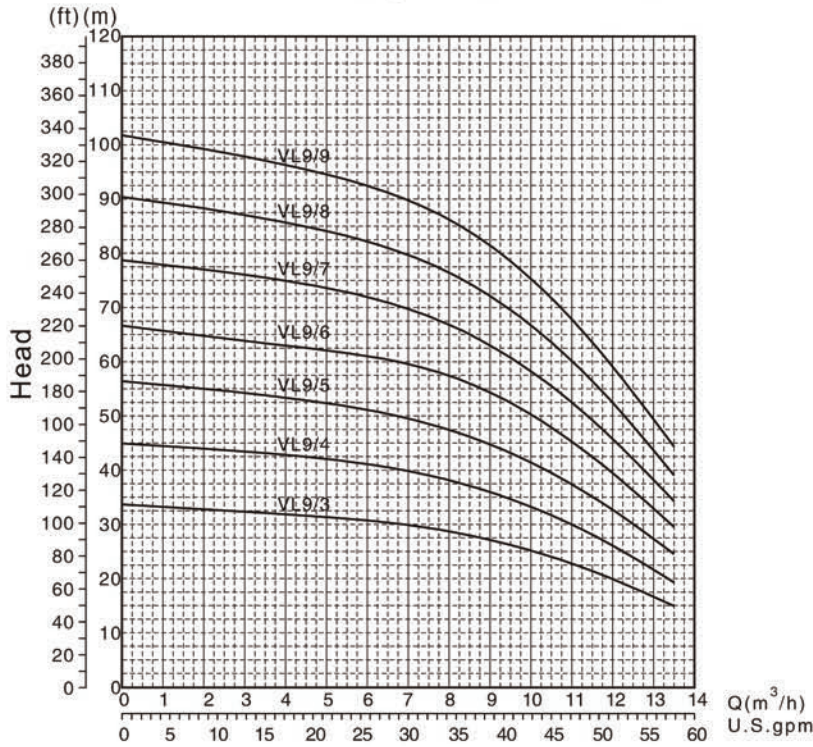
- Maximum flow: 56m³/h
- Maximum head: 11Bar,
- Outlet is 1 "1/4Rp
- Inlet is 1 "1/2Rp
- Outlet and inlet is connected by elliptical flange which can be connected quickly.
- Maximum working pressure is 15Bar
- Maximum underwater penetration is 20m
- Temperature range is -5 -40
- Asynchronous motor, insulation class F, protection grade IP68
- Motor range: 0.55KW-3KW
- Voltage:
 - Single-phase 220V-240V, ±5%, 50HZ;
 - Three-phase 380V-415V, ±5%, 50HZ
- Maximum starts per hour: 20 times
- Pump can continuously operate on horizontal or vertical direction.

VL | SERIES

Microrcomputer variable-frequency mute constant-pressure inner pipe pump unit

Pump performance combined curve diagram

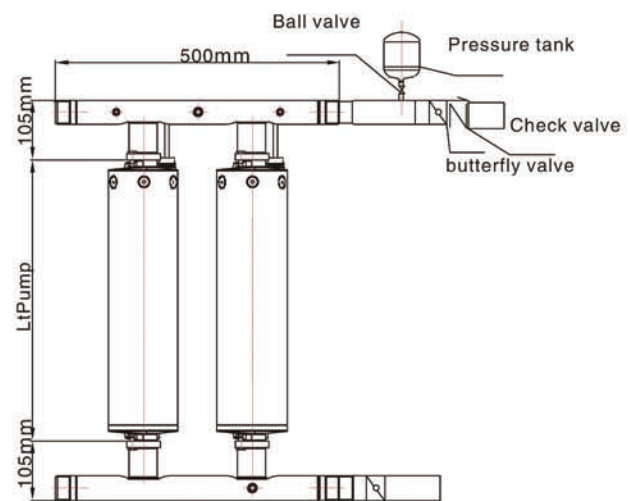
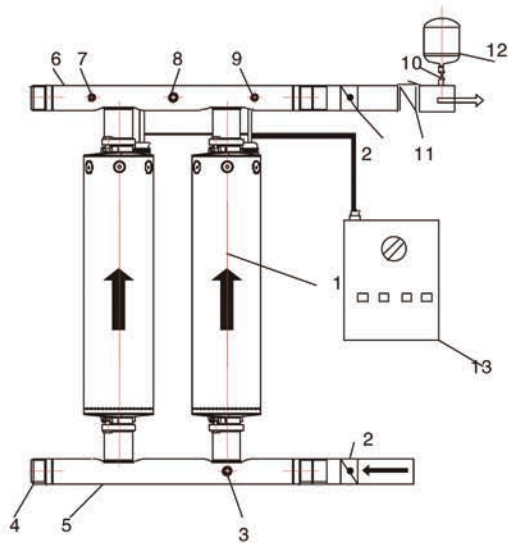
P ● η ○ H ○ NPSH ●
Power Efficiency Head Cavitation

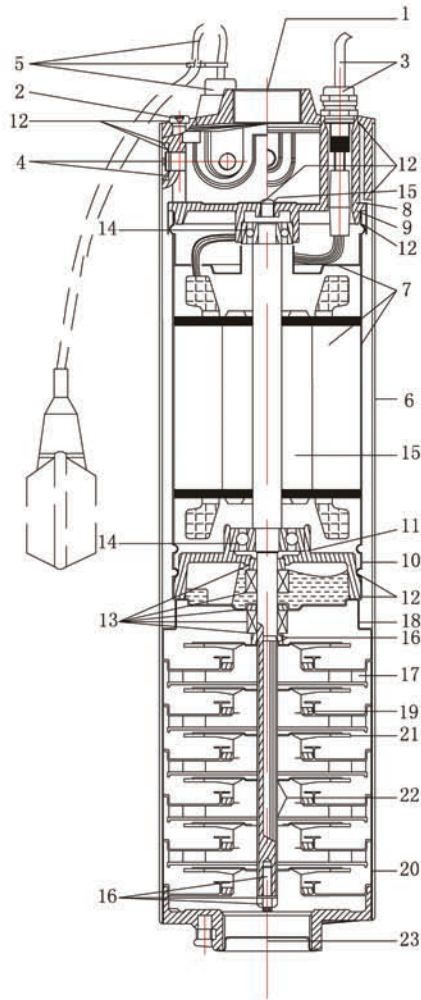


220V-240V/50Hz Single-phase	380V-415V/50Hz Three-phase	Lt Length Feet
VL9/3		1.65
VL9/4	VL9/4T	1.92
VL9/5	VL9/5T	2.01
VL9/6	VL9/6T	2.11
	VL9/7T	2.21
	VL9/8T	2.31
	VL9/9T	2.41

Components Instruction

No.	Description
1	Integrated pump
2	butterfly valve
3	inlet pressure sensor connection
4	Blank flange
5	Inlet pipe
6	Outlet pipe
7	Outlet pressure sensor connection
8	Pressure gauge connection
9	Vent valve connection
10	Ball valve
11	Check valve
12	Pressure Tank
13	Control cabinet





No.	Description	No.	Description
1	Outlet	13	O-ring 5
2	Preloaded nut device)3(14	Mechanical seal 2
3	Cable Block	15	Ball bearing
4	Screw and bolt	16	Rotor and shaft
5	Liquid control device	17	Screw, nut, washer
6	Casing	18	Defuser
7	Suction filter	19	Isolation device
8	Motor room and stator	20	neck ring
9	Upper motor cover	21	Last stage diffuser
10	Upper bearing	22	Impeller
11	Lower motor cover	23	Impeller sleeve
12	Lower bearing		

U-FLO Pump

Reliable Brand



[Http://www.u-flo.com](http://www.u-flo.com)