

U-flo B(D)GVL SERIES 选配件 OPTIONAL ACCESSORIES

Diaphragm Pressure Tank

Adopt Italy AQUAFILL pressure tank
Patented stainless steel water connection
Virgin polypropylene liner
Two part polyurethane, epoxy primed finish
Leak free, O-ring sealed air valve cap

隔膜式压力罐

采用意大利AQUAFILL品牌压力罐
专利设计的不锈钢水管接头
天然聚丙烯内衬
双层聚亚安酯、环氧高级油漆涂层
不会漏气的O型密封气阀盖

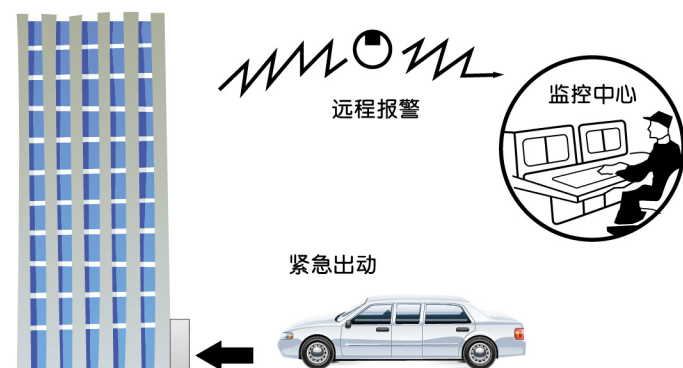


Remote control, Personalized service

B(D)GVL variable frequency constant pressure water supply equipment is equipped with remote communication interface which has the possibility to connecting to communication module and achieve remote control function.

远程监控，周到服务

B(D)GVL 变频恒压给水设备有远程通讯接口，可为用户配备通讯模块（可选），以便实现远程监控功能。

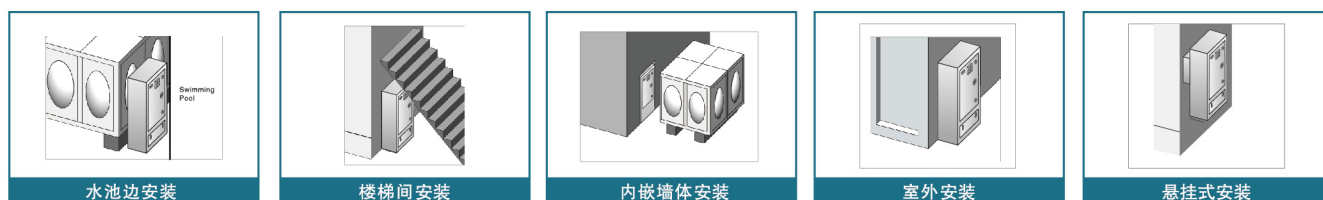


Installations

1. The pool side installation
2. Stairwell installation
3. Embedded wall installation
4. Outdoor installation (customization)
5. Hanging installation

安装示例

- 1、水池边安装
- 2、楼梯间安装
- 3、内嵌墙体安装
- 4、室外安装(定制)
- 5、悬挂式安装



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U-flo B(D)GVL Series VARIABLE FREQUENCY CONSTANT PRESSURE WATER SUPPLY EQUIPMENT



U-flo B(D)GVL Series variable frequency constant pressure water supply equipment

U-flo original designed B(D)GVL variable frequency constant pressure water supply equipment is featured with advanced design, easy operation, energy saving and low noise, which is the ideal choice for building water supply.

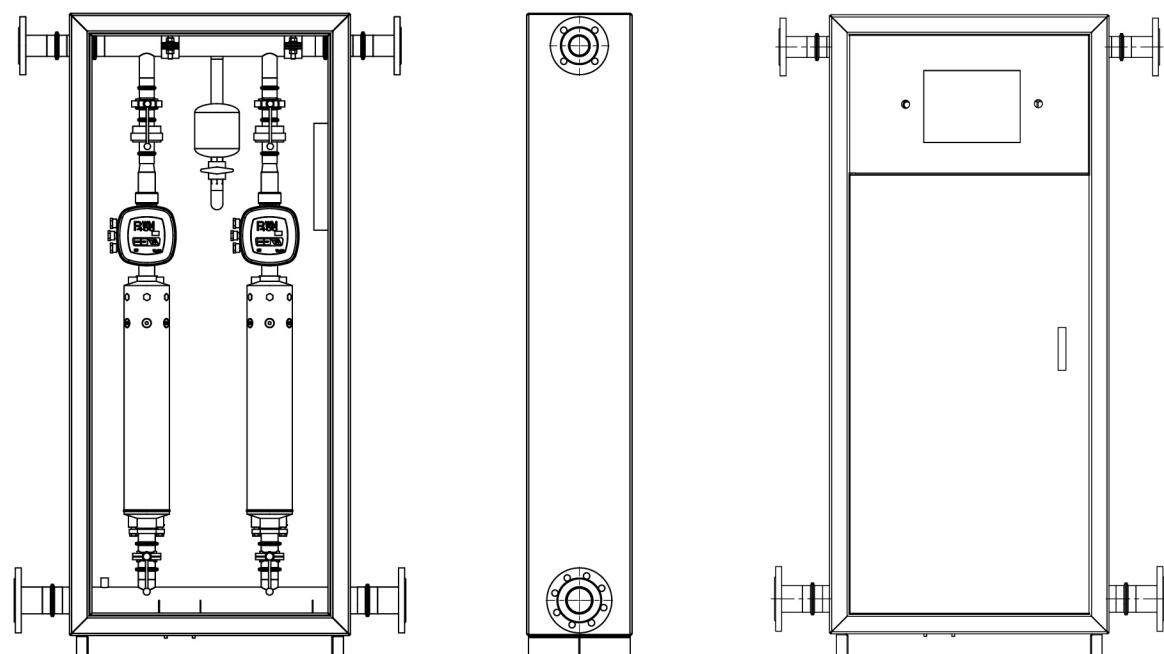
U-flo 自主研发设计的 B(D)GVL 系列变频恒压供水设备，设计先进、操作简单、节能静音，是楼宇供水的理想选择。

U-flo reserves the right to make modifications without notice.
U-flo 有权对产品进行修改，恕不另行通知。



U-flo B(D)GVL SERIES 外形尺寸构造图 DIMENSIONS STRUCTURAL MAP

外形尺寸构造图



Design & Production

B(D)GVL Variable Frequency Water Supply Equipment is U-flo original designed electromechanical integrated water supply equipment which applying AC variable frequency speed control technology and microcomputer control technology into pump automatic control equipment and combined with pump. Its core equipment, AC variable frequency speed control cabinet mixed advanced microcomputer control technology of variable frequency speed control and PID regulation. Based on current pressure and flow parameter of water supply network, B(D)GVL can automatically adjust pump operating status to achieve constant pressure water supply closed loop adjustment, as well as high efficiency and energy saving.

设计和制造

U-flo 自主研发设计的B(D)GVL 变频供水设备是将交流变频调速技术和微机控制技术应用于水泵自动控制设备之中，并与水泵相结合的机电一体化供水装置。其核心设备交流变频调速控制柜融合了先进的微机控制变频调速技术，先进的微机控制 PID 调节技术等国际先进技术。

本设备依据供水管网中瞬时变化的压力和流量参数，自动改变水泵的台数和运行转速，实现恒压变量供水的闭环调节，从而达到提高产品质量和高效节能的目的。

Performance & Advantage

1. Reliable pump. Adopt imported VL series all stainless steel direct-connected multistage boost pump with integrated design of pump and motor. Moreover, it can equipped with silent inner of pipe pump as required.
2. Special inverter. Adopt Italian imported multifunctional(flow & pressure) inverter of reliable operation, flexible control mode, strong anti-jam capacity and low noise. It also equipped with comunication function. (maximum 4 units).
3. Precise design. Adopt variable frequency constant pressure control to maintain constant pressure at outlet regardless of water consumption.
4. Easy to use. Adopt automatically control. To achieve the required condition by convert the control cabinet switch. Therefore achieve automatic unattended.
5. High efficiency, energy saving. The equipment can adjust pump speed according to water consumption and make each pump operating efficiently. The significant energy saving effect can save more than 35% electrical energy compared with constant speed pump.
6. Complete protection. It has various automatic protection functions, such as overload, short circuit, over voltage, under voltage, open phase, over current and water shortage, as well as signal alarm, self-check and fault diagnoses under abnormal conditions.
7. Remarkable economic benefit. Adopt imported VL series all stainless steel direct-connected multistage booster pump which features in integrated design and cost reduction. The electromechanical integrated design, which is installing booster and control system in one cabinet, reduced floor space, construction period and cost by get rid of water tower and tank, meanwhile avoided pressure fluctuation and frequently start.

性能及优点

- 1、优质水泵。采用进口 VL 系列全不锈钢直联多级增压泵，水泵电机采用一体式设计；此外，可根据客户需求配备静音管中泵。
- 2、专用水冷变频控制器。采用意大利原装进口流量、压力双用变频器，增强系统运行的可靠性，控制方式灵活、抗干扰能力强，运行噪声极低；并且具备通讯功能（最多4台）。
- 3、设计严谨。采用水泵变频恒压控制，无论系统用水量怎样变化，均能使管道出口压力保持恒定；
- 4、操作简单。设备采用全自动控制，操作人员只需转换电控柜开关，就可以实现用户所需工况，实现全自动无人值守；
- 5、高效节能。设备能根据用户用水量的变化来调节水泵转速，使水泵始终工作在高效区，节电效果明显，比恒速水泵节电最多可达35%；
- 6、保护功能齐全。具有完美的过载、短路、过压、欠压、缺相、过流、水源缺水等自动保护功能，在异常情况下能进行信号报警、自检、故障判断；
- 7、经济效益显著。采用进口 VL 系列全不锈钢直联多级增压泵，水泵电机采用一体式设计，降低成本。采用机电一体化设计，整套设备为一个内含机组和控制系统的柜体，占地面积少，可不建造水塔、不设楼顶水箱，既减少工程的施工周期，又解决了工程造价费用高的缺点，且克服了气压波动大，水泵启动频繁等不足。



U-flo B(D)GVL SERIES 性能及优点 PERFORMANCE AND BENEFITS

U-flo B(D)GVL SERIES 应用范围 APPLICATIONS

Application Range

1. High-rise building with water pool, hotel, school, residential area, enterprise and public institution.
2. Domestic and production water supply for factory, industrial and mining enterprises.
3. Water works, water supply station, sewage and wastewater plant, irrigation and drainage pumping station.
4. Hot water supply for high-rise building, community, enterprise and public institution.
5. Cooling water and circulating water booster of production and domestic use.



应用范围

- 1、有水池的高层建筑、宾馆、学校、城镇居民小区、企事业单位等；
- 2、工厂、工矿企业的生活或生产用水；
- 3、各类水厂、供水站、污水废水厂、农业排灌站等；
- 4、高楼、小区、企事业单位热水集中供水；
- 5、生产、生活中的冷却水、循环水的加压；



B(D)GVL 性能参数 2.2kW (含) 以下均可用单相

一用一备

吸入端 Inlet	出水端 Outlet	机组型号 Unit model	功率 Power [KW]	扬程 Head [M]	流量 Flow	
					M ³ /H	L/S
DN65 PN10	DN65 PN10	B(D)GVL-5-30/2	0.55	36	2	0.56
				30	3	0.83
				22	4	1.11
DN65 PN10	DN50 PN10	B(D)GVL-5-33/2	0.75	37	4	1.11
				33	5	1.39
				28	6	1.67
DN65 PN10	DN50 PN10	B(D)GVL-5-42/2	1.1	45	4	1.11
				42	5	1.39
				35	6	1.67
DN65 PN10	DN50 PN10	B(D)GVL-5-48/2	1.1	53	4	1.11
				48	5	1.39
				43	6	1.67
DN65 PN10	DN50 PN10	B(D)GVL-5-57/2	1.5	63	4	1.11
				57	5	1.39
				49	6	1.67
DN65 PN10	DN50 PN10	B(D)GVL-9-27/2	1.1	30	7	1.94
				27	9	2.50
				23	11	3.06
DN65 PN10	DN50 PN10	B(D)GVL-9-37/2	1.5	40	7	1.94
				37	9	2.50
				30	11	3.06
DN65 PN10	DN50 PN10	B(D)GVL-9-45/2	2.2	50	7	1.94
				45	9	2.50
				37	11	3.06
DN65 PN10	DN50 PN10	B(D)GVL-9-54/2	2.2	60	7	1.94
				54	9	2.50
				46	11	3.06
DN65 PN10	DN50 PN10	B(D)GVL-9-63/2	3	70	7	1.94
				63	9	2.50
				53	11	3.06
DN65 PN10	DN50 PN10	B(D)GVL-9-72/2	3	80	7	1.94
				72	9	2.50
				61	11	3.06
DN65 PN10	DN50 PN10	B(D)GVL-9-82/2	3	90	7	1.94
				82	9	2.50
				68	11	3.06

二用一备

吸入端 Inlet	出水端 Outlet	机组型号 Unit model	功率 Power [KW]	扬程 Head [M]	流量 Flow	
					M ³ /H	L/S
DN65 PN10	DN50 PN10	B(D)GVL-5-30/3	0.55X2	36	4	1.11
				30	6	1.67
				22	8	2.22
DN65 PN10	DN50 PN10	B(D)GVL-5-33/3	0.75X2	37	8	2.22
				33	10	2.78
				28	12	3.33
DN65 PN10	DN50 PN10	B(D)GVL-5-42/3	1.1X2	45	8	2.22
				42	10	2.78
				35	12	3.33
DN65 PN10	DN50 PN10	B(D)GVL-5-48/3	1.1X2	53	8	2.22
				48	10	2.78
				43	12	3.33
DN65 PN10	DN50 PN10	B(D)GVL-5-57/3	1.5X2	63	8	2.22
				57	10	2.78
				49	12	3.33
DN65 PN10	DN50 PN10	B(D)GVL-9-27/3	1.1X2	30	14	3.89
				27	18	5.00
				23	22	6.11
DN65 PN10	DN50 PN10	B(D)GVL-9-37/3	1.5X2	40	14	3.89
				37	18	5.00
				30	22	6.11
DN65 PN10	DN50 PN10	B(D)GVL-9-45/3	2.2X2	50	14	3.89
				45	18	5.00
				37	22	6.11
DN65 PN10	DN50 PN10	B(D)GVL-9-54/3	2.2X2	60	14	3.89
				54	18	5.00
				46	22	6.11
DN65 PN10	DN50 PN10	B(D)GVL-9-63/3	3X2	70	14	3.89
				63	18	5.00
				53	22	6.11
DN65 PN10	DN50 PN10	B(D)GVL-9-72/3	3X2	80	14	3.89
				72	18	5.00
				61	22	6.11
DN65 PN10	DN50 PN10	B(D)GVL-9-82/3	3X2	90	14	3.89
				82	18	5.00
				68	22	6.11