WGL 水力驱动控制阀
Water-hydraulic automatic control valve

WGL、WGLB水力控制阀是把水流转换为工位参数和切换动力输出反洗轴和产水轴，轴的转速作为流量参数， 轴扭矩作为阀体切换动力，通过曲柄棘爪棘轮凸轮组合先导阀控制若干锥形主阀的关闭实现过滤阀的反洗、正洗、运行的自动循环。全部参数流量控制，WGL型反洗无旁通。WGLB型反洗旁通，约30%原水反洗时旁通，不停止续正常用水。无需电源、无磨损密封，广泛适用于砂滤，碳滤等净水器控制，不怕日晒雨淋，不学、不设、不修，根据原水及要求， 十分必要时更换周期轮即可。

该产品已申报了三项发明，三项实用新型，一项外观共七项专利。

The WGL4、WGLB hydraulic control valve converts water flow into work position parameters and switches power output to the backwash shaft and the product water shaft. The rotational speed of the shaft serves as the flow parameter, and the shaft torque serves as the switching power of the valve. Through the crank, pawl, ratchet and CAM combined pilot valve, it controls the closing of several conical main valves to achieve the automatic cycle of B. WASH, RINSE and FILTRATION of the filter valve. All parameters are flow controlled.WGL4 is no bypass model. WGLB4 is bypass model, During B. WASH, RINSE,About 30% of raw water bypass to outlet, uninterrupted for normal subsequent water use. All those No power supply, and no wear on the seal. It is widely applicable to the control of sand filters, carbon filters and other water purifiers. It is not afraid of sun exposure or rain. No need to learn, set up or repair. According to the raw water and requirements, the Periodic wheel can be replaced when necessary.

This new product already apply 7 item of patent.



特点：
1、水力驱动全自动切换，无需电源;
2、阀体材质改性抗紫外线PPO不怕日晒雨林;
3、可手动强制反洗;
4、附带周期轮，适应不同水质;
5、傻瓜全自动，不学、不设、不修;
6、工作压力：0.10-0.6MPa
7、适应水温：0-50℃

Features
1. Hydraulic-driven fully automatic switching, no power supply required;
2. The valve body material is modified to be UV-resi stant PPO, which is not afraid of sunlight or rainforests.
3. There is a forced backwash knob on the dial.
4. Equipped with 1/4 and 1/1 cycle wheels to adapt to different water qualities;
5. Foolproof and fully automatic, no need to learn, set up or repair.
6. Working pressure: 0.1-0.6MPa
7. Suitable water temperature: 0-50° C

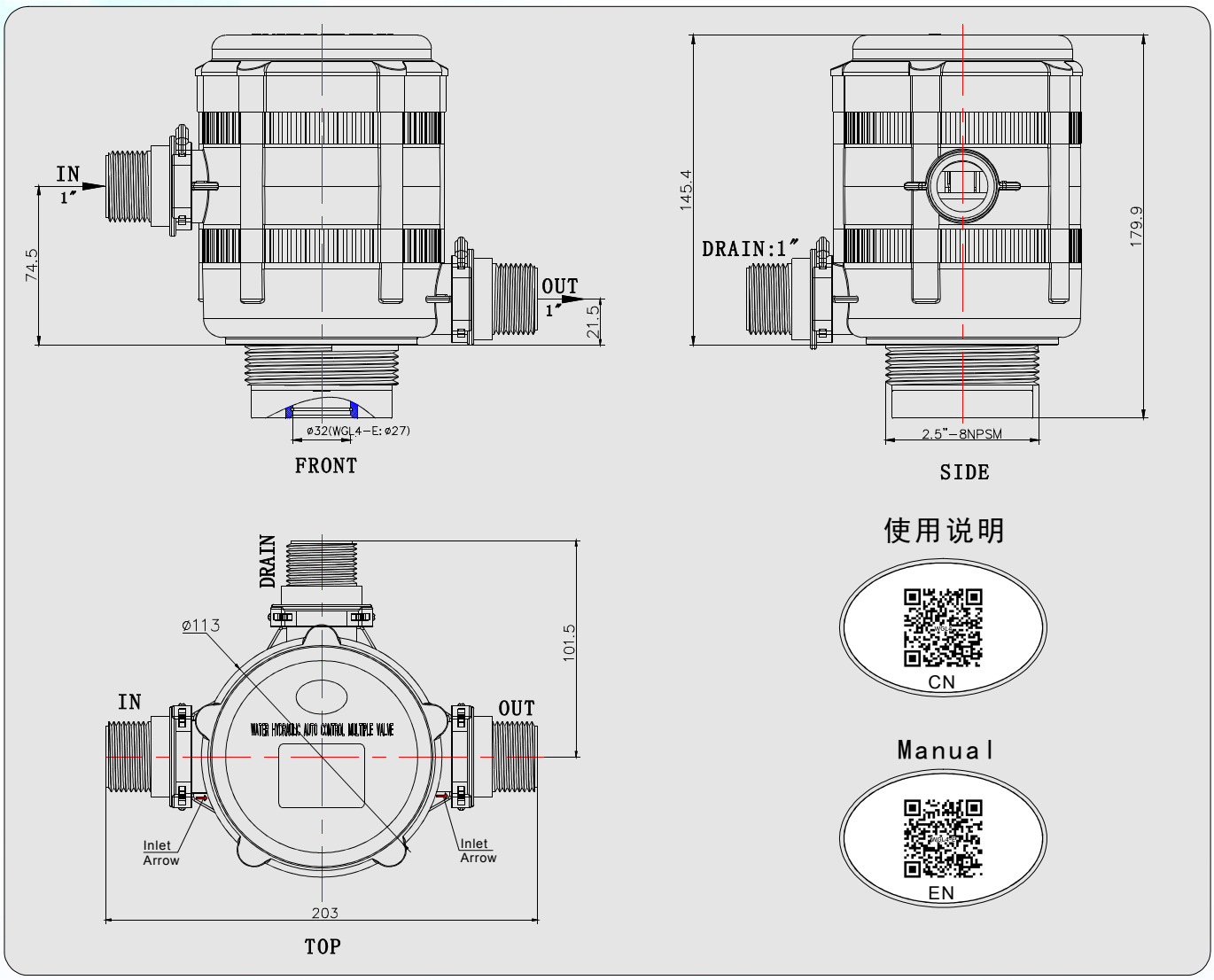
型号 MODEL	产水量 (M^3/H) Flow rate	反、正洗水量 (L) B.wash & Wash	罐体直径(推荐) (Inch) Tank diameter	旁通 Bypass	周期轮和制水量(M^3) Periodic wheel and production		
					MIN	1/4	1/2
WGL4	0.8~5.0	160	≥12	NO	6.5	12	24
WGLB4				YES			

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万向接头安装

