

RUNXIN 水处理系统用手动过滤阀

Manual Filter Valve for Water Treatment Systems

专利号 (Patent No.): ZL02257746.7、ZL02220153.X、ZL200720045551.5



型号: 51201A(TM.F52)
Model
产水量: 1m³/h
W.T.C.



型号: 51201B (TM.F56B)/
Model 51201C (TM.F56C)
产水量: 1m³/h
W.T.C.



侧控 Side-control
型号: 51102(TM.F56E)/
Model 51202C (TM.F56EC)
产水量: 2m³/h
W.T.C.



侧控 Side-control
型号: 51104 (TM.F56A)/
Model 51204C (TM.F56AC)
产水量: 4m³/h
W.T.C.



型号: 51106 (TM.F56F)
Model
产水量: 6m³/h
W.T.C.



型号: 51210 (TM.F56D)
Model
产水量: 10m³/h
W.T.C.



型号: 51215 (TM.F77BS)
Model
产水量: 15m³/h
W.T.C.



型号: 51230 (TM.F78BS)
Model
产水量: 30m³/h
W.T.C.

备注: 控制阀新型号采用五个数字表示, 五位数字后加字母, 表示该款为派生产品 (外观不同)。

例51204C, 第一位数字表示用途, 5-过滤; 第二位数字表示控制方式, 1-手动控制; 第三位数字表示手柄类型, 1-金属手柄, 2-塑料手柄; 后2位数字表示最大产水量, 如04表示4m³/h; 字母C表示该款产品为侧控式。

Remark: The type of a control valve is expressed in five digits. If a letter or letters follows the five digits, it indicates that the type is derivative. Examples: 51204C, the first number refers to purpose: 5-filtration; The second number refers to control mode: 1-manual; The third number refers to handle type: 1-metal handle, 2-plastic handle; Last two numbers refers to water capacity (m³/h). For example, 04 stands for 4m³/h; Letter C indicates side-control.

产品特点 Product Characteristics

- 采用高平面度、耐磨损、耐腐蚀的端面密封片启闭, 密封性能好, 使用寿命长。
- 合理的流道设计: 运行 $\xrightarrow{\text{正洗}}$ 反洗 $\xrightarrow{\text{Fast Rinse}}$ 正洗 $\xrightarrow{\text{Backwash}}$ 运行 $\xrightarrow{\text{Fast Rinse}}$ Service。
- 启闭扭矩小, 操作手感好。
- 可带压操作, 无泄漏。
- Adopt the high degree pottery, seal slice with scuff resistance, corrosion proof, perfect sealing, and long time for using.
- Reasonable fluid design: Service $\xrightarrow{\text{Fast Rinse}}$ Backwash $\xrightarrow{\text{Backwash}}$ Fast Rinse $\xrightarrow{\text{Fast Rinse}}$ Service.
- Small rotation angle for closing and opening, It feels well for operation.
- It could operate with pressure, no leakage.

工作原理及应用范围 Working Principle and Range of Application

根据端面密封的原理, 将多个阀门紧密地集成在一个阀体上, 呈平面圆周分布。当旋转动片时, 即可实现关闭若干阀门的同时开启另外若干阀门。手动过滤阀51系列就是应用此原理, 通过手柄手动控制阀芯, 实现运行、反洗、正洗等功能。

主要应用于家用净水器、反渗透预处理的过滤装置、泳池过滤设备、除铁除锰等特质水处理系统等。

According to the principle of hermetic head faces, it concentrates the multi-valves into one valve body, which are located on a flat circle. When rotate moving disk, it could realize the function of several valve closed or opened at the same time. Manual filter valve 51 series use handle to manually control valve core, to realize the functions like service, backwash and fast rinse.

It is mainly used in specialty water treatment system like household purifier, filter device of RO Pre-treatment, swimming pool filter equipment and iron and manganese removal.

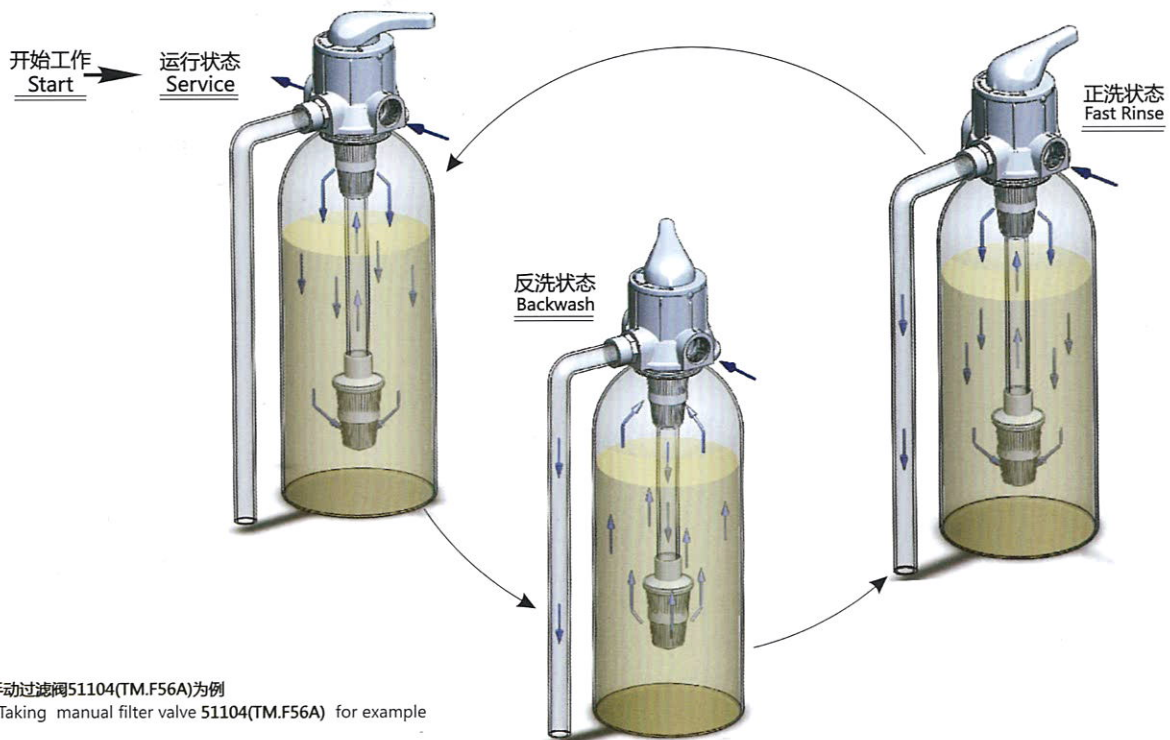


参数 Parameters	型号 Model	51201A (F52)	51201B (F56B)	51201C (F56C)	51102 (F56E)	51202C (F56EC)	51104 (F56A)	51204C (F56AC)	51106 (F56F)	51210 (F56D)	51215 (F77BS)	51230 (F78BS)	
进/出水口 Inlet/Outlet		1/2"F	1/2"或3/4"F 1/2" or 3/4" F				1"F			2"F	2"M	DN65	
排水口 Drain										1.5"F			
基座 Base	M82×3	Tr95×6或 φ98锯齿形 Tr95×6或 φ98 hackle whorl		Tr118×6或 Tr110×6 Tr118×6 or Tr110×6		2.5"-8NPSM			4"-8UN		上下布DN80 Top and bottom strainer connector		
中心管 Riser pipe	φ16.5	1.05"OD					1"D-GB		1.5"D-GB				
最大产水量 m ³ /h Water capacity m ³ /h		1			2		4		6		10	15	30
配套罐体尺寸 (in) Tank size (inch)		6" ~ 10"	10" 滤壳 10" Filter shell	20" 滤壳 20" Filter shell	6" ~ 10"		6" ~ 12"		6" ~ 14"	10" ~ 24"	10" ~ 30"	24" ~ 42"	
工作条件 Working conditions													
工作压力 Water pressure		0.15MPa ~ 0.6MPa									0.2MPa ~ 0.6MPa		
进水温度 Water temperature		5°C ~ 50°C											
环境温度 Environment temperature		5°C ~ 50°C											
相对湿度 Relative humidity		≤95% (25°C)											
进水浊度 Turbidity		< 20FTU										< 10FTU	

■ F:内牙 M:外牙 OD:外径 1"D-GB:国标公称直径为1寸
 ■ F:Female M:Male OD:Outer Diameter 1"D-GB:Chinese nominal diameter is 1"

■ DN65—外径为φ75的UPVC管 DN80—外径为φ90的UPVC管
 ■ DN65—Outer diameter is φ75 UPVC pipe DN80—Outer diameter is φ90 UPVC pipe

工作流程图 Working Flow Route



RUNXIN 水处理系统用全自动过滤阀

Automatic Filter Valve for Water Treatment Systems

专利号 (Patent No.) : ZL02257746.7、ZL02220153.X、ZL200720045551.5



型号 : 53502 (TM.F71B1)
Model
产水量 : 2m³/h
W.T.C.



型号 : 53504 (TM.F67C1)
Model
产水量 : 4m³/h
W.T.C.



型号 : 53504B (TM.F67G1)
Model
产水量 : 4m³/h
W.T.C.



型号 : 53504C (TM.F67I1)
Model
产水量 : 4m³/h
W.T.C.



型号 : 53510 (TM.F75A1)
Model
产水量 : 10m³/h
W.T.C.



型号 : 53510B (TM.F75B1)
Model
产水量 : 10m³/h
W.T.C.



型号 : 53518 (TM.F77B1)
Model
产水量 : 18m³/h
W.T.C.



型号 : 53520 (TM.F95B1)
Model
产水量 : 20m³/h
W.T.C.



型号 : 53530 (TM.F78B1)
Model
产水量 : 30m³/h
W.T.C.

备注 : 控制阀新型号采用五个数字表示, 五位数字后加字母, 表示该款为派生产品 (外观不同)。

例53510, 第一位数字表示用途, 5-过滤; 第二位数字表示控制方式, 2-LCD显示自动控制; 3-LED显示自动控制; 第三位数字表示信号拾取方式, 5-时间型, 6-流量型; 后2位数字表示最大产水量, 如10表示10m³/h。

Remark : The type of a control valve is expressed in five digits. If a letter or letters follows the five digits, it indicates that the type is derivative.

Examples: 53510, the first number refers to purpose: 5-filtration; The second number refers to control mode: 2-LCD display automatic; 3-LED display automatic; The third number refers to signals receive type: 5-time mode; 6-flow mode; Last two numbers refers to water capacity (m³/h). For example, 10 stands for 10m³/h.

产品特点 Product Characteristics

- 采用高平面度、耐腐蚀的端面密封片启闭, 密封可靠
- 单罐型控制阀冲洗时不出水
- LED显示, 彩条闪烁表示处于运行状态, 否则表示处于冲洗状态
- 键盘锁定功能: 1分钟不按键操作, 自动锁定键盘, 可防止误操作
- 停 (断) 电参数保护及提示: 停电后所有参数自动保存
- Adopt high degree pottery, corrosion proof, perfect sealing
- No water flows out in the drain line when in washing position with signal tank valve
- Adopt LED screen, the color trip move to flicker during service. Otherwise the valve is during washing
- Keyboard lockout function: The screen will automatically lock if no operate more than one minute
- Indication and parameter saved after power off
- It could set repeat-washing
- Signal port control output
- Remote handle input signal
- 可设定的重复冲洗次数
- 信号控制端口
- 远程控制信号端口



参数 Parameters	型号 Model	53502 (F71B1)	53502B (F71G1)	53504 (F67B1)	53504B (F67G1)	53504C (F67I1)	53510 (F75A1)	53510B (F75B1)	53518 (F77B1)	53520 (F95B1)	53530 (F78B1)
进/出水口 Inlet/Outlet		3/4" M		1" F			2" M				DN65
排水口 Drain		3/4" M		1" F			2" M				DN65
底座 Base		2.5"-8NPSM					4"-8UN				上下布DN80 Top and bottom strainer connector
中心管 Riser pipe		1.05" OD					1.5" D-GB				
最大产水量 m ³ /h Water capacity m ³ /h		2		4			10		18	20	30
配套罐体尺寸 (in) Tank size (inch)		6" ~ 10"		6" ~ 14"			16" ~ 24"		24" ~ 30"	28" ~ 40"	24" ~ 42"
工作条件 Working conditions											
工作压力 Water pressure		0.15MPa ~ 0.6MPa					0.2MPa ~ 0.6MPa				
进水温度 Water temperature		5°C ~ 50°C									
环境温度 Environment temperature		5°C ~ 50°C									
相对湿度 Relative humidity		≤95% (25°C)									
适配电源 Transformer		输入Input AC100 ~ 240V/50 ~ 60Hz 输出Output DC12V、1.5A					输入Input AC100 ~ 240V/50 ~ 60Hz 输出Output DC24V、1.5A				AC100 ~ 240V /50 ~ 60Hz DC12V、1.5A
进水浊度 Turbidity		< 20FTU									< 10FTU

■ F:内牙 M:外牙 OD:外径 1"D-GB:国标公称直径为1寸

■ F:Female M:Male OD:Outer Diameter 1"D-GB:Chinese nominal diameter is 1"

■ DN65—外径为Φ75的UPVC管 DN80—外径为Φ90的UPVC管

■ DN65—Outer diameter is Φ75 UPVC pipe DN80—Outer diameter is Φ90 UPVC pipe

工作原理及应用范围 Working Principle and Range of Application

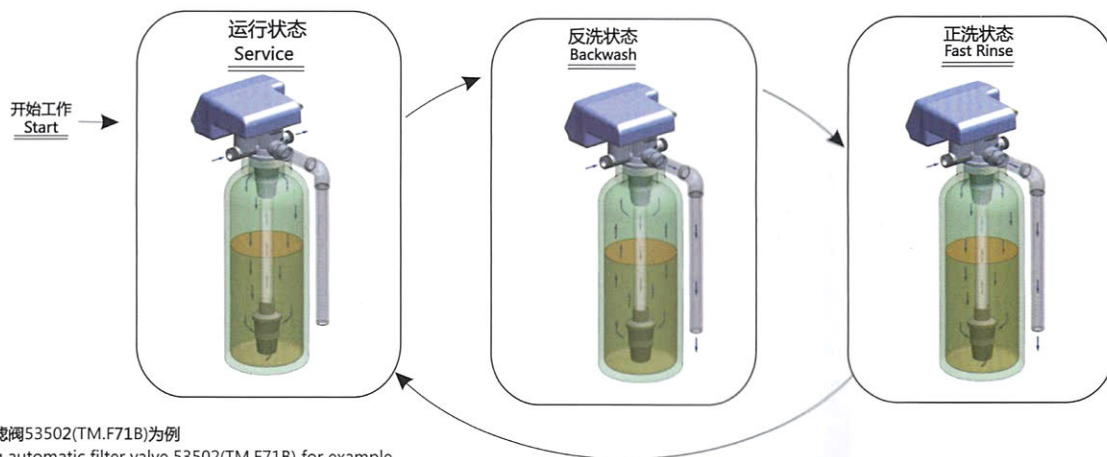
自动过滤阀52、53系列 (原F67、F71、F75、F77B、F78B等系列) 采用程序带动电机控制阀芯, 根据时间信号自动实现运行、反洗、正洗等功能的切换。

主要应用于家用净水器、反渗透预处理的过滤装置、泳池过滤设备、除铁除锰等特质水处理系统等。

Automatic filter valve 52 and 53 series (original are F67, F71, F75, F77B and F78B). It adopts program to drive motor to control valve core, according to time signal to automatically realize the exchange of functions like service, backwash and fast rinse.

It is mainly used in specialty water treatment system like household purifier, filter device of RO Pre-treatment, swimming pool filter equipment and iron and manganese removal.

工作流程图 Working Flow Route



■ 备注: 以自动过滤阀53502(TM.F71B)为例

■ Remark: Taking automatic filter valve 53502(TM.F71B) for example