手动软化阀 Manual Softener Valve

	产品型号 Product Model	进於口 Inlat	出_c口 Outlet	排叫口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	61206 (N64F)	1.5"M	1.5"M	3/4"M	4"-8UN	1,25"D-GB	1/2"M	6m³/h	10"-24"	顺流DF
	61210 (N64D)	2DQM	2"M	VM	4"-8UN	1,5"D-GB or 1,9"0D	1/2"M	10 m³/h	10"-30"	顺流DF
	61215 (N77AS)	2"M	2"M	1.5"M	4"-8UN	1.5"D-GB or 1.9"0D	3/4"M	15 m³/h	30"-40"	顺流DF
	61240 (F112AS)	DN65	DN65	DN65	DN80上下布 DN80 Top and bottom strainer connector		3/4"M	40 m³/h	48，-60"	顺流DF

参F:内牙 M:外牙 OD:夕卜径 参F:Female M:Male OD:Outer Diameter

备注：拳2.5"及4"基座可配备侧装连接件眷F64A型提供金属及塑料材质两种手柄可选，其它型号为塑料手柄
Remark:_Side mount adapter available for 2.5" and 4" Base.#Metal or plastic handle options for F64A.

自动过滤阀 Automatic Filter Valve

结构性能特点Structure Features

•LED显示，长期停电提示，停电后数据保护功能（可连续保持三天）
♦冲洗时无原水旁通
攀带有信号输出端口，具有两种信号输出方式b-01 (02)
拳可设定重复冲洗次数F-00,即运行一次，反洗、正洗多次
•带远程控制端口，可接收无源信号
♦具有互锁功能，可用来做同时供水分别冲洗的系统
♦可选运行按天计与按小时计
• N77/F95/F111有两个阀芯，一个控制进水、一个控制出水
拳有时间型和流量型可选
• N77/F95可选带485通讯功會邑

适用场合Applications

♦家用过滤系统(F71/F67)
♦反渗透预处理的活性炭过滤器、砂过滤器
• Residential Filter System (F71/F67).
•A/C filter or sand filter system for RO pretreatment system.

RoHS ACS UKCA

自动过滤阀 Automatic Filter Valve




产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	产水量 Water Capacity	适配罐体 Tank Diameter Range for Filters
53502 (F71B1)	3/4^{H}M	3/4^{H}M	3/4"M	2.5"-8NPSM	1.05"OD	2 m^{3}/h	6"-10"
56603 (F67M)	3/4^{H}M	3/4^{H}M	3/4"M	2.5"-8NPSM	1.05"OD	3m^{3}/h	6 ••-10"
53502B (F71G1)	3/4^{H}M	3/4^{H}M	3/4"M	2.5"-8NPSM	1.05"OD	2 m^{3}/h	6"-10"
53504S (F67B1)	1^{f}F	1^{H}F	1^{H}F	2.5"-8NPSM	1.05"OD	4m^{3}/h	6••-16"
53506S (F67B-A)					1"D-GB	6 m^{3}/h	

参F:内牙 M:外牙OD:外径 参F:Female M:Male OD:Outer Diameter

参以上型号除53518(N77B)外，均有流量型可选。

•There is meter type for option except the 53518(N77B).

RoHS ACS UKCA

自动过滤阀 Automatic Filter Valve





产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	产水量 Water Capacity	适配罐体 Tank Diameter Range for Filters
53504 (F67C1)	1^{H}F	1^{H}F	1^{H}F	2.5"-8NPSM	1.05 OD	4 m^{3}/h	6"-16"
53504B (F67G1)	1^{H}F	1^{H}F	1^{f}F	2.5"-8NPSM	1.05"OD	4 m^{3}/h	6"~16"
53504C (F67I1)	1"F	1^{H}F	1^{H}F	2.5"-8NPSM	1.05"OD	4 m^{3}/h	6"-16"
52504E (F67K)	1^{H}M	1"M	1/2^{f}M	2.5"-8NPSM	1.05"OD	4 m^{3}/h	6"-12"
53508 (F134A)	1 .5 "M	1 .5 "M	1 .5 "M	4"-8UN	1.25"D-GB 1.66 "OD	8 m^{3}/h	24"-30"

•F:内牙 M:外牙 OD:外径•F:Female M:Male OD:Outer Diameter

眷以上型号除53518(N77B)外，均有流量型可选。

• There is meter type for option except the 53518(N77B).

自动过滤阀 Automatic Filter Valve

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	产水量 Water Capacity	适配罐体 Tank Diameter Range for Filters
	53510 (N75A1)	2”M	2^{H}M	2^{H}M	4”-8UN	1.5”D-GB or 1.9^{n}OD	10 m^3/h	16”-24”
	53510B (N75B1)	2”M	2^{H}M	2"M	4”-8UN	1.5”D-GB or 1.9^{n}OD	10 m^3/h	16••-24”
	53515 (F99B1)	2^{H}M	2^{H}M	2^{H}M	4”-8UN	1.5”D-GB or 1.9"OD	15m^3/h	20”-30”
	53518 (N77B1)	2^{H}M	2”M	2^{H}M	4”-8UN	1.5”D-GB or 1.9^{H}OD	18m^3/h	30"-36”

参F:内牙 M:外牙OD:外径 参F:Female M:Male OD:Outer Diameter

参以上型号除53518(N77B)外，均有流量型可选。 •There is meter type for option except the 53518(N77B).

自动过滤阀 Automatic Filter Valve

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	产水量 Water Capacity	适配罐体 Tank Diameter Range for Filters
	53520 (F95B1)	2^{H}M	2^{H}M	2”M	4”-8UN	侧装 Side-Mounted	20 m^3/h	30"-36"
	53520T (F111B1)	2^{H}M	2”M	2^{M}M	4”-8UN	2^{n}D-GB	20 m^3/h	30"-36" 顶装 Top mounted
	53540 (F112B1)	DN65	DN65	DN65	侧装，DN80上下布 Side-Mounted， DN80 fop and bottom strainer connector		40 m^3/h	36"-48"
	53550 (F96B1)	DN80	DN80	DN80	侧装，DN100±T布 Side-Mounted, DN100 lop and bottom strainer connector		50 m^3/h	36"-48"

*F:内牙 M:外牙 OD:外径 ®F:Female M:Male OD:Outer Diameter

参以上型号除53518(N77B)外，均有流量型可选。 • There is meter type for option except the 53518(N77B).

自动软化阀

Automatic softener Valve

结构性能特点Structure Features

♦ LED显示，长期停电提示，停电后当前时间数据保护功能（可连续保持三天）
拳再生时无硬水旁通（F92和F130除外）
♦带有信号输出端口；带远程控制端口，可接收无源信号
♦具有互锁功能，可用来做同时供水分别再生的系统
• N77、F95、F111、F99采用球阀控制吸盐和补水
♦时间型有按天计与按小时计两种；流量型有流量延滞型□A-01 ）、
即时型 （A-02 □、智能流量延滞型（A-03 ）及智能流量即时型
（A-04 ）四种，可通过程序进行切换
♦逆流再生可设定反洗间隔次数F-00,即运行多次、反洗一次
♦ N77、F95、F111有两个阀芯，一个控制进水与吸盐、一个控制出水
• N77/F95可选带485通讯功能

• Indication of long time power off, data saved after power off (saved for three days).
•No hard water by pass in regeneration cycle (except F92 and F130).
参With signal oulput connector, remote handling connector which can receive passive signal.
•With interlcck connector which can realize service simultaneously and regeneration one by one.
•N77,F95,F111,F99 adopt ball valve for brine drawing and refill.
•Time clock regeneration option: by days or by hours; Meter valve regeneraticn option:
Meter Delayed(A-OI), Meter Immediate(A-02), Intelligent Meter Delayed(A-03),
Intelligent Meter Immediate(A-04).
eUp-flow control valve can set interval backwash times F-00, which can realize several times service and one time backwash.
•N77,F95,F111 have two valve cores, one !s for controlling inlet water and brine drawing, another is for outlet water.
•N77/F95 with RS-485 port are optional.

适用场合Applications

参家用软水系统（F63、F65、F68、F69□
拳反渗透预处理的软水器
豢锅炉给水软化系统
•离子交换设备

•Residential Softener Systems (F63, F65, F68, F69).
•Softener for RO pretreatment System.
•Boiler Softening System, Ion exchange system.

备注

•型号带有S的表示有手轮手动功能。
参N77、F95、F111在运行程序内注水，采用电动球阀控制。
_F63、F65、F68、F69另有多种外观供选择。
• F74另有可顶装及侧装的控制盒供选择。
拳以上产品还有时间型，其型号表示如63504 （原型号F63C1 □

•The model with a “S” means the valve with manual operation function.
•N77,F95,F111 brine refilled while service, brine refilling controlled by electronic ball valve.
•F63, F65, F68 and F69 have a variety of appearances optional.
•N74B is optional which can be top or side-mounted.
• The above products have time clock type, such as 63504 (Old model F63C1).




自动软化阀 Automatic softener Valve

产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
63604S (F63B3)	1"M	1"M	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	4 m^3/h	10" -18"	顺流DF
63605 (F116A3)	1"M	1"M	3/4"M	2.5"-8NPSM	1.05"OD	3/8"M	5m^3/h	10" -20"	顺流DF F63升级款 Updated of F63
63505E (F116E3)	1"M	1"M	3/4"M	2.5"-8NPSM	1.05"OD	3/8"M	5 m^3/ h	10"-20"	顺流DF F63升级款
63604 (F63C3)	1"M	1"M	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	4 m^3/h	10" -18"	顺流DF
63604C (F63I3)	1"M	1"M	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	4 m^3/h	10" -18"	顺流DF

※F:内牙 M:外牙 OD:外径 ※F:Female M:Male OD:Outer Diameter

•以上型号均有时间型可选。 • There is time type for option.




自动软化阀 Automatic softener Valve

产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
63604B (F63G3)	1"M	1"M	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	4 m^3/h	10"-18"	顺流DF
63602 (F65B3)	3/4"F	3/4T	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	2 m^3/h	6"-12"	顺流DF
63603 (F117A3)	3/4"F	3/4"F	3/4"M	2. 5"-8NPSM	1.05"OD	3/8"M	3m^3/h	10"-20"	顺流DF F65升级款 Updated of F65
63602B (F65G3)	3/4"F	3/4"F	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	2 m^3/h	6、12"	顺流DF

•F:内牙 M:外牙 OD:外径 •F:Female M:Male OD:Outer Diameter

•以上型号均有时间型可选。 ®There is time type for option.

自动软化阀 Automatic softener Valve

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Gonnoctor	产水M Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	73604 (F68C3)	1^{H}M	1^{H}M	1/2”M	2.5”-8NPSM	1.05"OD	3/8^{H}M	4 m^3/ h	10” -18”	逆流UF
	73604S (F68A3)	1”M	1^{H}M	1/2^{H}M	2.5”-8NPSM	1.05"OD	3/8”M	4 m^3/h	10” -18”	逆流UF
	73602 (F69A3)	3/4^{H}F	3/4^{H}F	1/2^{H}M	2.5^{H}-8NPSM	1.05"OD	3/8^{H}M	2 m^3/h	6” -12”	逆流UF
	73605 (F92A3)	VM	1^{H}M	NPT3/4	2.5”-8NPSM	1”D-GB	3/8”M	5m^3/h	7” -22^{H}	逆流UF
	73605E (F92E3)	1	M r M	NPT3/4	2.5"-8NPSM	1^{n}D-GB	3/8^{H}M	5 m^3/ h	7^{H} -22^{H}	逆流UF

•F:内牙 M:夕卜牙 OD:外径 参F:Female M:Male OD:Outer Diameter •以上型号均有时间型可选。 •There is time type for option.

自动软化阀 Automatic softener Valve

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Gonnector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	63605 (F130A3)	VM	1"M	NPT3/4	2.5”-8NPSM	VD-GB	3/8^{H}M	6 m^3/ h	7"-22^{H}	顺流DF
	63508 (F133A)	1.5” M	1.5^{H}M	3/4^{H}M	4”-8UN	1.25"D-GB 1.66 ^{n}OD	1/2^{H}M	8 m^3/h	24"-30”	顺流DF
	63610 (N74A3)	2^{H}M	2^{H}M	1"M	4"-8UN	1.5"D-GB 1.9"OD	1/2^{n}M	10m^3/h	20"~30"	顺流DF
	63610B (N74B3)	2^{H}M	2^{H}M	1^{H}M	4”-8UN	1.5"D-GB 1.9"OD	1/2^{H}M	10 m^3/h	20"~30"	顺流DF
	63615 (F99A3)	2"M	2^{n}M	1.5”M	4”-8UN	1.5”D-GB 1.9"OD	3/4^{H}M	15m^3/h	30"-40"	顺流DF

•F:内牙 M:夕卜牙 OD:外径 •F:Female M:Male OD:Outer Diameter •以上型号均有时间型可选。 豢There is time type for option.

自动软化阀 Automatic softener Valve

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	73615 (F99D3)	2"M	2"M	1.5"M	4"-8UN	1.5"D-GB or 1.9"OD	3/4"M	15m³/h	30"-40"	逆流UF
	63618 (N77A3)	2"M	2"M	1.5"M	4"-8UN	1.5"D-GB or 1.9"OD	3/4"M	18 m³/h	30 -40"	顺流DF
	63620 (F95A3)	2"M	2"M	1.5"M	2"M(上下布) 2"M Top and bottom strainer connector		3/4"M	20m³/h	36" -48"	顺流DF 侧装 Side mounted
	63620T (F111A3)	2"M	2"M	1.5"M	4"-8UN	2"D-GB	3/4"M	20 m³/ h	36"-48"	顺流DF 顶装 Top mounted

*F:内牙 M:外牙 OD:外径 •F:Female M:Male OD:Outer Diameter

•以上型号均有时间型可选。 •There is time type for option.

自动软化阀 Automatic softener Valve

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	63650 F96A3	DN80	DN80	DN80	DN100(上下布) DN100 Top and bottom strainer connector		3/4"M	50 m³/ h	60"-72"	顺流DF
	63640 (F112A3)	DN65	DN65	DN65	DN80(上下布) DN80 Top and bottom strainer connector		3/4"M	40 m³/h	48"-60"	顺流DF

*F:内牙 M:外牙 OD:外径 *F:Female M:Male OD:Outer,Diameter

•以上型号均有时间型可选。 •There is time type for option.

连续供水用多功能控制阀

One Valve On Duplex Tanks for Water Treatment Systems

结构性能特点Structure Features

- ♦陶瓷端面密封结构
- ♦一个阀门控制两只罐体，一用一备
- ♦再生罐置换洗后待机，切换前正洗
- ♦流量启动再生
- ♦有两个阀芯，一个实现两个罐体的切换，一个控制再生

- Ceramic hermetic head faces structure.
- One valve on twin tanks, one is on service and the other is standby.
- Regeneration tank standby after regeneration, fast rinse before service.
- Regeneration start type: Meter type only.
- Two valve cores, one is for tanks switching, the other is for regeneration.

适用场合Applications

♦适用于要求连续供应软化水的场合

•The place which needs continuous soft water supply.

连续供水用多功能控制阀 One Valve On Duplex Tanks for Water Treatment Systems

	产品型号 Product Model	进水口 Inlet	出水口 Outlet (Met	排水口	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	17603 (F73)	1"M	1"M	1/2"M	2.5"-8NPSM	2x1.05"OD	3/8"M	3.5m³/h	10"-14"	顺逆流 DF/UF
	17606 (F98A)	1"M	1"M	3/4"M	1"M（上下布） 1"M Top and bottom strainer connector		1/2"M	6 m³/h	20" - 24"	逆流UF 侧装 Side mounted
	17606T (F137)	1"M	1"M	3/4"M	4" -8UN	1.5"D-GB 外径32mm (32mm OD)	1/2"M	6 m³/ h	16"-24"	顺流顶装DF Top mounted
	17610 (F88A)	1.5"M	1.5"M	1"M	1.5"M（上下布） 1.5"M Top and bottom strainer connector		1/2"M	10 m³/h	20"-30"	逆流UF 侧装 Side mounted
	17610T (F135A)	1.5"M	1.5"M	3/4"M	4" -8UN	1.5"D-GB or 1.9"OD	1/2"M	10 m³/h	20" -30"	顺流再生DF

• F:内牙 M:外牙 OD:外径 •F:Female M:Male OD:Outer Diameter

5-6 m^3/h 一用一备软水系统

One in Service One Standby Softening System(5-6 m^3/h)

♦适用于5-6 m^3/h连续供水场合

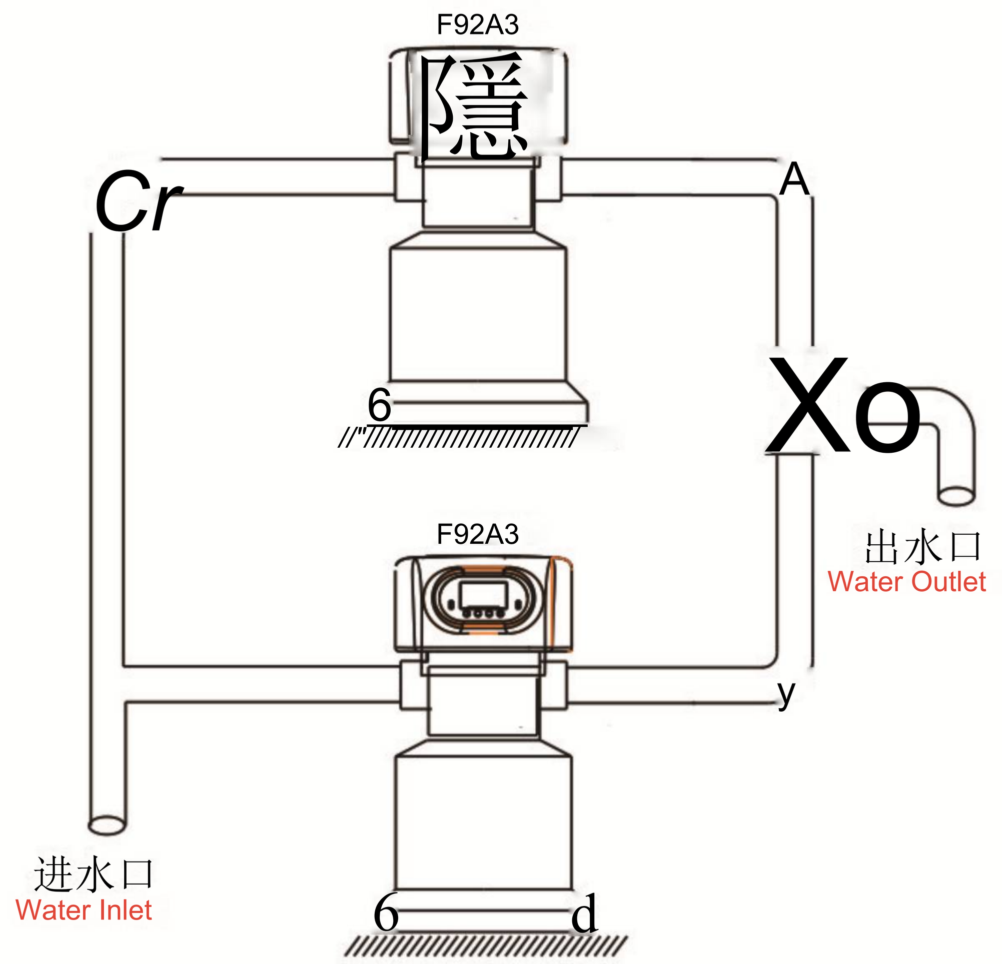
♦两台F92A3/F130A3+DN25三通电动球阀（四芯插头）

参两台F92A3/F130A3互锁，并设置为0-02□-用一备连接）

• Suiable for 5-6m^3/ h Continuous Water Supplying

•Two F92A3/F130A3 and DN25 Three - way Electronic Bal Valve (Four Core Plug)

•Two F92A3/F130A3 are interlocked as one system， and set c -02(a connection for one in service one standby softening system)



系统示意图
System Diagram

10-20 m^3/h 一用一备软水系统

One in Service One Standby Softening System(10-20m^3/h)

•适用于10-20m^3/h连续供水场合

＊ 两台 N74A3/F99A3/N77A3/F95A3/F111A3+F80

参两台阀互锁，程序设置为A-02和b-01；

•将控制阀的信号输出端口与F80的控制线相连

拳当出水阀的流量减为0时，控制阀再生，信号输出端口控制F80换向，另一台阀出水；

参如另一台阀处于再生，由于互锁作用，出水阀继续出水。

• Suitable for 10-20m^3/ h Continuous Water Supplying

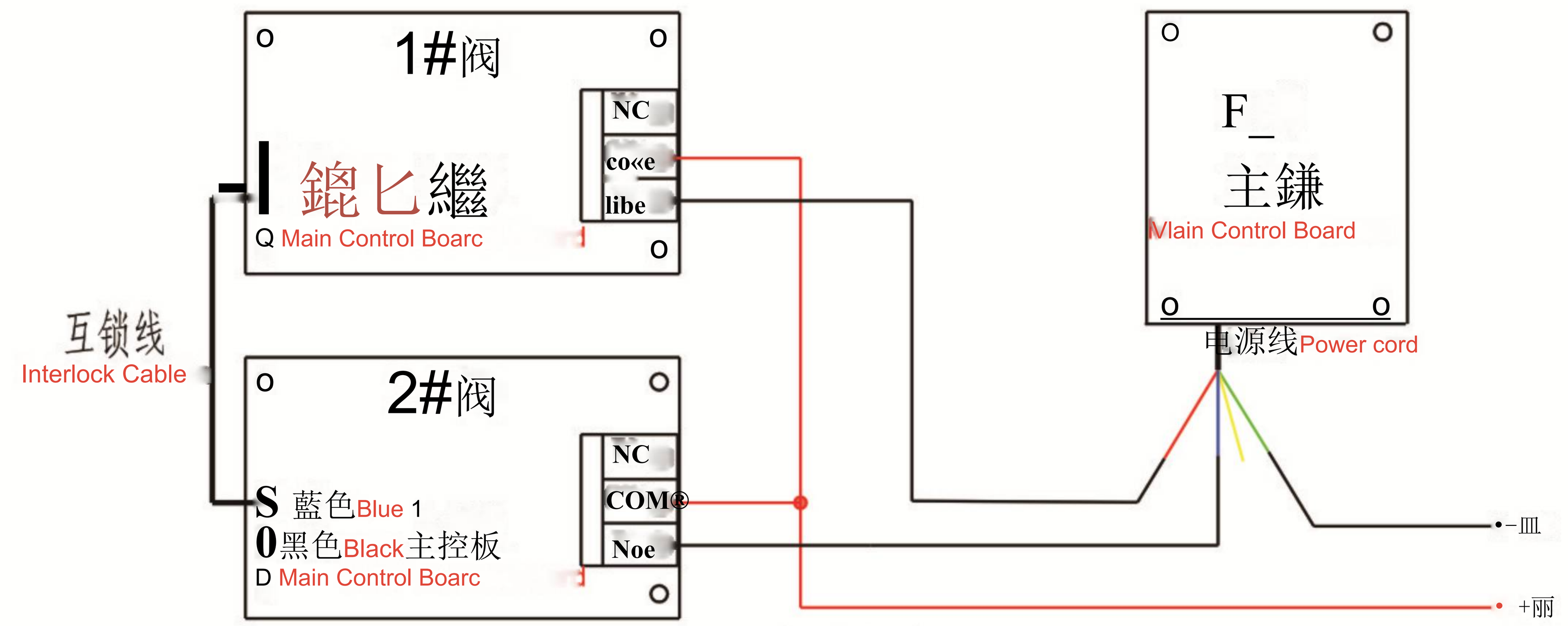
•Two N74A3/F99A3/N77A3/F95A3/F111 A3 and F80

•Two valves are interlocked as one system， and set the system to A -02 and b -01; Connect the signal ouput connector with the control wire of F80.

•When the flow of working valve reduces to 0, the control valve regenerates，

• F80 switches by the signal outlet connector controling， the other valve turns to service .

• If the other valve is in regeneration， because of the function of interlock， the working valve stil in service .



-用-备雜接线图
The Wring for One in Service one Standby

40-50 m³/h 一用一备软水系统
One in Service One Standby Softening System(40-50m³/h)

♦适用于40-50m³/h连续供水场合

♦两台F112A3/F96A3+两台DN25球阀

黍两台阀连接一用一备信号线(即原互锁线)

鲁程序设置为C-02（一用一备）

拳常规 F112A3/F96A3 需更换吸盐铜管，加装 DN25 球阀

拳程序设置为C-02（_用_备）

♦连续供水，一台供水，另一台等待供水

• Suitable for 40-50m³/h Continuous Water Supplying

• Two F112A3/F96A3 and Two DN25 Electronic Bal Valves

STwo valves are connected to signal line of one in service and one standby system

（interlock wire), and set the system to C -02(One in Service One Standby System).

• Ordinary F112A3/F96A3 needs to replace brine draw copper tube, and instal DN25 ball valve with it.

•Continuous water supplying， one valve in service , the other valve standby .

两用一备连续供水多功能控制阀
Control Valve for Two in Service One Standby Systems

●一个阀控制三个罐，两罐串联运行，另一罐再生或备用，连续供水不中断。

参运行终点时，串联的第一级转入再生、第二级作为第一级、再生好备用的交换罐作为第二级串联运行，可大大提高树脂的利用率、省盐省水。

再生罐置换后待机，切换前正洗。

•只需一只盐箱。

参采用端面陶瓷密封结构，密封可靠，经久耐用。

•可通过程序选择顺流或逆流再生。

参更换主动阀片，可实现用原水再生或用软水再生。

黍去掉一个罐，就可以转变成一用一备连续软化供水系统。

参始终有两罐串联供水，可处理高硬度的原水。具有反冲洗功能，解决浮动床不能用于原水浊度较高的场合。

参One valve controls three tanks, two tanks supply with softened water in series, the other tank standby to achieve water supply continuously.

•When service finishes, the first grade in series turns to regenerate, the second grade turns to the first grade and supplies with softened water together with the standby tank as the second grade in series, which greatly improves the resin efficiency, saves water and salt.

• Regeneration tank keeps standby after switch and starts fast rinse before service.

•Only need one brine tank.

• It adopts hermetic head faces structure with ceramic sealing, reliable and duration.

• Up-flow or down-flow regeneration is optional by program.

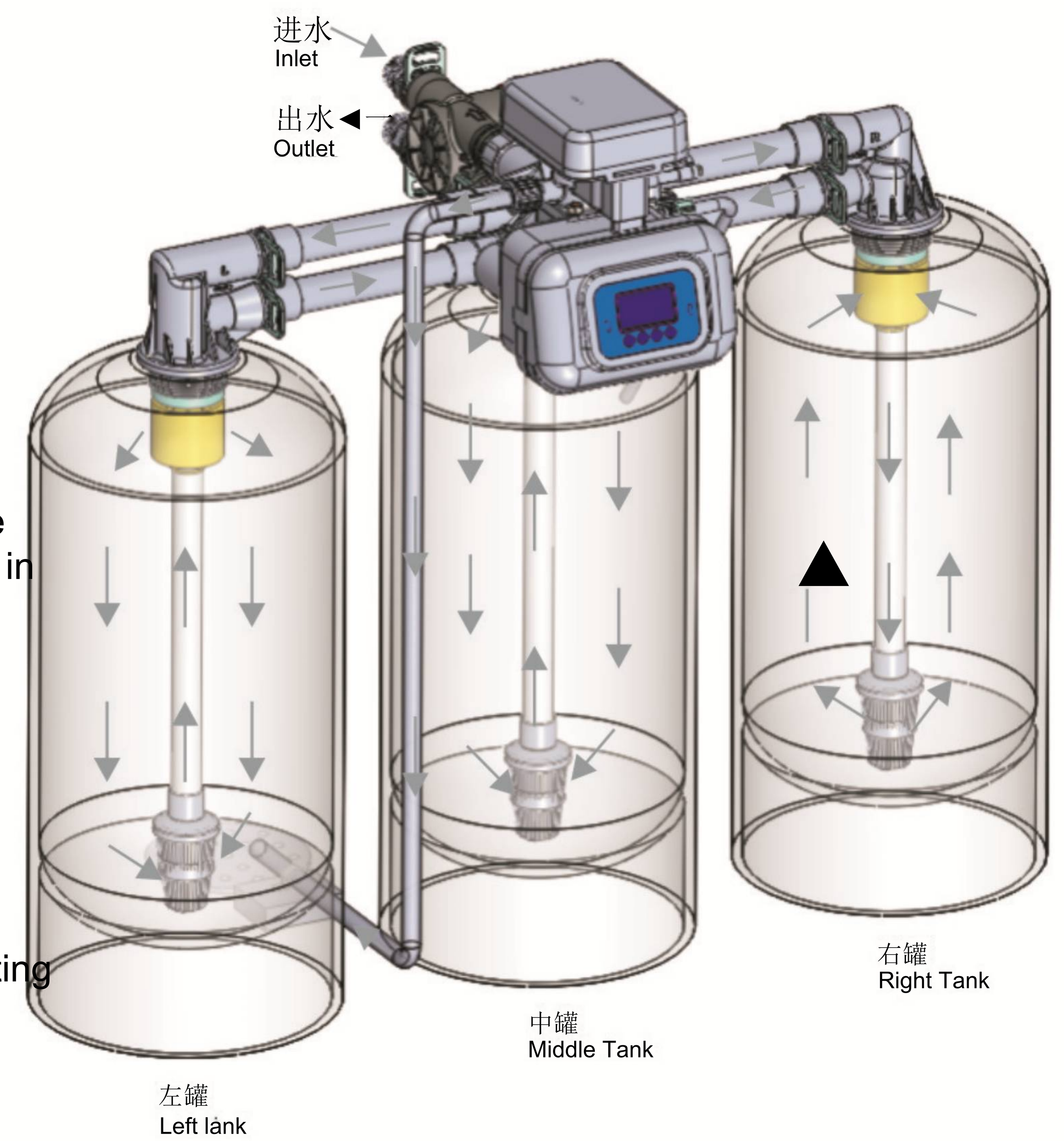
• Raw water or softened water for regeneration is optional by changing the moving disk.

• Remove one tank to make the system as one in service one standby system.

拳 There is always two tanks in service in series which could treat the raw water with high hardness. It has backwash function, which could be used in high turbidity application which floating bed system can'ʸ t be used.

•适用于高硬度水质连续供水场合

• Suitable for treat high hardness water and continuous water supplying application



产品型号 Product Model	进/出水口 Inlet/Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
18604A(F118A) 18604B(F118B)	G1	NPT3/4	3x2.5"-8NPSM	3x1 05"OD (026.7)	G3/8	4 m^3/ h	10" -18"	F118A原水 F118A Raw water F118B软水 F118B Soft water
18601B(F120B)	G3/4	NPT3/4	3x2.5"-8NPSM	3x1.05"OD (026.7)	G3/8	1.5m^3/h	10" -12"	软水 Soft water

参F:内牙M:外牙OD:外径　　参F:Female M:Male OD:Outer Diameter

专利号(Patent No.):201300326848.4

p系列控制阀（简易阀）
P Series Control Valve

结构性能特点Structure Features

♦由一个光耦来定位，F63P、F67P、F68P定位板通用，
F65P、F69P、F71P定位板通用，通用性强。各主板可通过程序来调节各型号
♦端面密封结构，再生或冲洗时无原水旁通。
♦停电后再来电，程序先转一圈后停在原来位置。
•更简单、更经济
♦指示灯显示

- Locate by optcupler, more stable performance. F63P, F67P and F68P adopt the same locating board, while F65P, F69P and F71P use the same locating board. They all use the same main control board.
- Hermetic head faces structure, no hard water bypass during regeneration cycle.
- When power on, program run one cycle then locate at the previous position.
- Cheaper and simpler.
- Indicator display

适用场合Applications

♦家用软水系统或过滤系统
♦锅炉给水软化系统、离子交换设备

- Residential Softener or Filter system.
- Boiler Softener, Ion-Exchange Equipment.

P系列控制_易阀) P Series Control Valve

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水s Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	54502 (F71P1)	3/4^{H}M	3/4'M	3/4^{H}M	2.5”-8NPSM	1.05"OD	/	2 m³/h	6"-10”	过滤Filter
	54504 (F67P1)	1^{H}F	1^{H}F	1^{H}F	2.5”-8NPSM	1.05^{H}OD	/	4 m³/h	6"-16”	过滤Filter
	64502 (F65P1) / 64602 (F65P3)	3/4” M	3/4”M	1/2^{H}M	2.5”-8NPSM	1.05"OD	3/8”M	2 m³/h	6"-12”	顺流DF
	64504 (F63P1) / 64604 (F63P3)	1^{H}M	1^{H}M	1/2^{H}M	2.5"-8NPSM	1.05"OD	3/8^{H}M	4 m³/h	10”-18"	顺流DF

拳F:内牙 M:夕卜牙 OD:外径 参F:Female M:Male OD:Outer Diameter

P系列控制阀（简易阀）P Series Control Valve

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	74502 (F69P1) / 74602 (F69P3)	3/4	M3/4^{H}M	1/2”M	2.5"-8NPSM	1.05”OD	3/8^{H}M	2 m³/h	6 ••-12"	逆流UF
	74504 (F68P1) / 74604 (F68P3)	VM	1^{H}M	1/2^{H}M	2.5”-8NPSM	1.05”OD	3/8^{H}M	4 m³/h	10"-18"	逆流UF
	74504Y (F68PY)	VM	1^{H}M	1/2^{H}M	2.5”-8NPSM	1.05^{H}OD	3/8^{H}M	4 m³/ h	10"-18"	逆流UF Hard water bypassing during regeneration
	74502Y (F69PY)	3/4^{n}M	3/4^{H}M	1/2^{H}M	2.5"-8NPSM	1.05^{n}OD	3/8^{H}M	2 m³/h	6"-12"	逆流UF Hard water bypassing during regeneration

P系列控制阀带485通信端口 P series Control Valve with RS-485 Port

- ♦带485通信端口
- •with RS-485 Port
- 带远程控制端口
- •V/ith remote handling connector

Q系列控制阀（简易阀）
Q Series Control Valve

结构性能特点Structure Features

♦主控板与显示板合并为一
•四位数码管显示
♦互锁、信号输出功能
断电数据记忆功能

- Integrate main board and display board on one board.
- Four digital display.
- Has interlock connector.
- Has signal output connector.
- Parameters will be saved after power off,

适用场合Applications

♦家用软水系统或过滤系统
♦锅炉给水软化系统、离子交换设备

- Residential Softener or Filter system.
- Boiler Softener, Ion-Exchange Equipment.

专利号(Patent No.):201300326848.4

Q系列控制阀（简易阀）Q Series Control Valve

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Filters
	55502/55602 (F71Q1/F71Q3)	3/4"M	3/4"M	3/4"M	2.5"-8NPSM	1.05"OD	/	2 m^3/h	6"-10"
	55504/55604 (F67Q1/F67Q3)	1"F	1"F	1^{H}F	2.5"-8NPSM	1.05"OD	/	4 m^3/h	6"-18"
	65503/65603 (F117Q1/F117Q3)	3/4"F	3/4^{H}F	3/4NPT	2.5"-8NPSM	1.05"OD	3/8"M	3m^3/h	10"~20"
	65505/65605 (F116Q1/F116Q3)	1"M	1^{H}M	3/4NPT	2.5"-8NPSM	1.05"OD	3/8"M	5m^3/h	10"-20"

*F:内牙M:外牙OD:外径 • F:Female M:Male OD:Outer Diameter

专利号(Patent No.) :201300326848.4

Q系列控制阀（简易阀）Q Series Control Valve

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Filters
	75502(F69Q1) 75602(F69Q3)	3/4^{H}M	3/4^{H}M	3/4NPT	2.5^{H}-8NPSM	1.05"OD	3/8^{H}M	2 m^3/h	6”-12”
	75504(F68Q1) 75604(F68Q3)	1^{H}M	1^{H}M	3/4NPT	2.5”-8NPSM	1.05”OD	3/8^{H}M	4 m^3/h	10^18”
	65510(N74Q)	2^{H}M	2^{H}M	1^{H}M	4"-8UN	1.5 D-GB or 1.9^{H}OD	1/2^{H}M	10 m^3/h	20”-30”
	55510(N75Q)	2^{f}M	2^{H}M	2"M	4”-8UN	1.5 D-GB or 1.9^{H}OD	/	10 m^3/h	16••-24”

_F:内牙M:外牙OD:外径 • F:Female M:Male OD:Outer Diameter

带485端口大流量控制阀(F96、F112、N74、N75)

High flow control valve with RS-485 port (F96, F112, N74, N75)

◎停电数据保护功能；

◎带信号输出、远程控制端口；

◎具有互锁功能；

◎可选流量 10m^3/h、40m^3/h和50m^3/h。

带485端口

©With RS-485 port

• N74

• N75

©Long outage indicator;

©With signal output and remote handling connector;

©Interlock function;

◎ 10m^3/h， 40m^3/h, and 50m^3/h optional.

产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity
63610 (N74A)	2^{M}M	2^{H}M	1.5"M	4^{M}-8UN	1.5"D-8GB 1.9"OD	1/2”M	10m^3/h
53510 (N75A)	2^{H}M	2^{H}M	2”M	4"-8UN	1.5"D-8GB 1.9"OD	/	10 m^3/h
63650 (F96A3)	DN80	DN80	DN80	DN100（上下布） DN100 Top and bottom strainer connector		3/4^{H}M	50 m^3/ h
63640 (F112A3)	DN65	DN65	DN65	DN80(上下布） DN80 Top and bottom strainer connector		3/4^{H}M	40 m^3/ h

• F:Female M:Male OD:Outer Diameter

•以上型号均有时间型可选。 _There is time type for option.

• F96

• F112

18-20m³/h带485通讯端口控制阀（N77/F95/F111）

18-20m³/h Control Valve N77/F95/F111 with RS-485 Port

◎带485通信端口；
◎互锁功能、信号输出端口；
◎双阀芯结构；
◎采用电动球阀控制吸盐、补水。

带485端口
◎With RS-485 port

©With RS-485 port;

©With interlock and signal output connector;

©Adopt two valve cores structure;

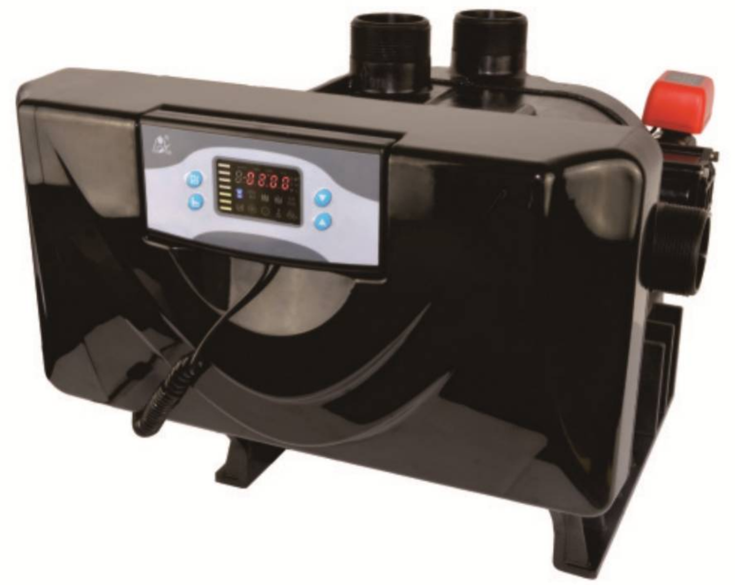
©Adopt electronic ball valve for brine draw and brine ref i 11.

• F77

产品型号 Product Model	进水口出水口 Inlet Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe		吸盐口 Brine Tank Connector	产水量 Water Capacity
63618 (N77A)	2^{H}M	2^{H}M	1.5"M	4"-8UN	1.5^{H}D-8GB 1.9"OD	3/4^{H}M	18 m^3/h
63620 (N95A)	2^{H}M	2^{H}M	1.5"M	2 M（上下布） Top and bottom strainer		3/4^{H}M	20 m^3/ h
63620T (F111A)	2^{H}M	2^{H}M	1.5"M	4"-8UN	2^{H}D-GB	3/4"M	20 m^3/ h

• F:Female M:Male OD:Outer Diameter

•以上型号均有时间型可选。 •There is time type for option.



• F95

• F111

专利号(Patent No.):2016306365146

家用系列控制阀□LCD□

Residential Softener of D Series (LCD Display)

侧控阀(F122A3)
Side control valve

产品型号 Product Model	进/出水口 Inlet/Outlet	排水口 Drain . Connector	吸盐口 Brine Tank	基座 Base	中心管 Riser Pipe	产水量 Water Capacity	配套罐体(in) Tank Diameter Range for Softeners	备注 Remarks
63502C F122A1	3/4^{H}F	活接 Animated Connector	3/8"M	2.5"-8NSM	1.05"-OD	2	7"-14"	时间型 Time Clock Type
63602C F122A3	3/4^{H}F		3/8"M	2.5"-8NSM	1.05"-OD	2	7"-14"	流量型 Meter Type

*F:内牙 M:夕卜牙 OD:外径•F:Female M:Male OD:Outer Diameter

结构性能特点Structure Features

參LCD显示，直观，方便
攀长期停电提示，停电后当前时间数据保护功能（可连续保持三天）
參设置逆流再生时，可设定反洗间隔次数F-00， 即运行多次、反洗一次
• F79. F82可在程序中选择顺流或逆流，带部分旁通功能
•带消毒接口，软化阀再生时可电解吸入的盐水进行消毒
• D系列阀□F63D等）程序分用户设置及后台设置，防止误操作
• F105. F97补软水，顺逆流再生，可设计为度假模式及干盐箱模式
參F105、F79具有防泄漏保护功能，F105具有按产水比例吸盐再生功能

- LCD display, intuitional and convenient.
- Indication of long time power off, data saved after power off (saved for three days.)
- Up-flow valve can set interval backwash times F-00, which can realize several times service and one time backwash.
- Down-flow or Up-flow option can be set in the program, and also can mix hard water to the system if required not too soft water.

•With disinfection connector which can be connected with disinfection device to electrolyze brine during regeneration to disinfect.

- D series valve has foreground and background modes to prevent incorrect operation.
- F105 and F97 use soft water for brine refilling, both UF and DF option, have vacation mode and dry brine mode.
- F105 and F79 has the leakage protection function; F105 has the function of proportionally brine draw and brine refill based on the percentage of real capacity

适用场合Applications

•家用软水系统或中央软水系统
•反渗透预处理的软水器
參 Residential Softener or the Whole House Water Softener.
參 RO Pre-treatment Softener.

家用系列控制阀(LCD) Residential Softener of D Series (LCD Display)

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水s Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	52502 (F71D1)	3/4"M	3/4"M	1/2"M	2.5"-8NPSM	1.05"OD	/	2 m^3/h	6"-10"	过滤Filter
	52504 (F67D1)	1"M	1"M	1/2"M	2.5"-8NPSM	1.05"OD	/	4 m^3/h	6"-12"	过滤Filter
	62502/62602 F65D1/F65D3	3/4"M	3/4"M	1/2"M	2.5"-8NPSM	1.05"OD	3/8" M	2 m^3/h	6"-12"	顺流DF
	62504/62604 F63D1/F63D3	1"M	1"M	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	4 m^3/h	6"-18"	顺流DF

拳F:内牙 M:夕卜牙 OD:外径 参F:Female M:Male OD:Outer Diameter

家用系列控制阀(LCD) Residential D Series (LCD Display)

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水s Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	72504/72604 F68D1/F68D3	1"M	1"M	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	4 m^3/h	6"-16"	逆流UF
	72502/72602 F69D1/F69D3	3/4"M	3/4"M	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	2 m^3/h	6"-12"	逆流UF
	82602 (F79A)	3/4"M	3/4"M	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	2 m^3/h	6"-12"	顺逆流 DF/UF
	82602B (F79B)	3/4"M	3/4"M	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	2 m^3/h	6"-12"	硬水旁通 Hard water by passing

*F:内牙 M:夕卜牙 OD:外径 参F:Female M:Male OD:Outer Diameter

家用系列控制阀(LCD) Residential D Series (LCD Display)

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	82604 (F82A)	1^{H}M	1^{H}M	1/2^{H}M	2.5"-8NPSM	1.05^{H}OD	3/8^{H}M	3.5 m³/h	6^{H}-16^{n}	顺逆流 DF/UF
	82604B (F82B)	1^{H}M	1^{H}M	1/2^{H}M	2.5^{f}-8NPSM	1.05"OD	3/8^{H}M	3.5m³/h	6、16"	硬水旁通 Hard water by passing
	82602E (F105A3)	3/4"M	3/4"M	1/2^{H}M	2.5"-8NPSM	1.05"OD	3/8^{H}M	2 m³/h	6"-12"	顺逆流 DF/UF can choose with adjusting bolt or without adjusting bolt
	82604E (F97A3)	3/4^{H}M	3/4^{H}M	1/2"M	2.5^{H}-8NPSM	1.05"OD	3/8"M	4 m³/h	6"-18"	顺逆流 DF/UF
	82603FD (F136BHW)	G1	G1	NPT3/4	2.5"-8NPSM	1.05^{H}OD	3/8"M	3 m³/h	6"-18"	顺逆流 DF/UF

•F:内牙 M:夕卜牙 OD:外径 •F:Female M:Male OD:Outer Diameter

浮动床用控制阀

Control Valve for Floating Bed Water Treatment Systems

结构性能特点Structure Features

- F112采用压力驱动活塞式，其它型号采用端面密封结构。
- 參F88、F98—个阀门控制两只罐体，一用一备。
- F83、F77CS、F112CS为硬水再生，其他为软水再生。
- •采用逆流运行一吸盐再生一补水一正洗的浮动床运行工艺。

- 參 Hermetic head faces structure (F112 has piston structure)
- For F88, F98 valve, one valve on twin tanks, one in service, the other standby.
- F83, F77CS and F112CS adopt hard water for regeneration, others adopt soft water for regeneration.
- •Adopt the working process: up-flow service ——brine draw——brine refill——fast rinse.

适用场合Applications

♦适用于原水硬度小于15mmol/L等高硬度水处理的场合

•Suitable for high hardness(less than 15mmol/L) water treatment applications.

浮动床用控制阀 Control Valve for Floating Bed Water Treatment Systems

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水量 Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	93604 (F83A3)	1^{H}M	VM	1/2^{n}M	2.5”-8NPSM	1.05^{H}OD	3/8^{H}M	4 m^3/ h	10” -14”	硬水再生 Regeneration with hard water
	93606 (F98C)	1”M	1^{H}M	3/4^{H}M	1"M（上下布） Top and bottom strainer		1/2^{H}M	6m^3/h	18” -24”	一阀双罐 连续供水 One valve on duplex tanks
	93610 (F88C)	1.5”M	1.5”M	VM	1.5”M（上下布） Top and bottom strainer		1/2^{H}M	10 m^3/h	20^{n} -24”	一阀双罐 连续供水 One valve on duplex tanks
	91215 (F77CS)	2^{H}M	2^{H}M	1.5”M	4"-8UN	1.5”D-GB 1.5"OD	3/4^{H}M	15m^3/h	20^{H} -30^{H}	硬水再生 Regeneration with hard water

泰F:内牙 M:外牙 OD:外径 •F:Female M:Male OD:Outer Diameter

浮动床用控制阀 Control Valve for Floating Bed Water Treatment Systems

	产品型号 Product Model	进水口 Inlet	出水口 Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Tank Connector	产水M Water Capacity	适配罐体 Tank Diameter Range for Softeners	再生方式 Regeneration Mode
	93620 (F95C3)	2"M	2^{n}M	1.5”M	2”M(上下布) 2" Top and bottom strainer connector		3/4^{H}M	20 m^3/h	30” -36"	软水再生 Regeneration with soft water
	91240 (F112CS)	DN65	DN65	Dn65	DN80(上下布) DN80 Top and bottom strainer connector		3/4^{H}M	40 m^3/h	36"-48"	硬水再生 Regeneration with hard water
	93640 (F112C3)	DN65	DN65	DN65	DN80(上下布) DN80 Top and bottom strainer connector		3/4^{H}M	40 m^3/h	36"-48^{n}	软水再生 Regeneration with soft water

泰F:内牙 M:外牙 OD:外径 •F:Female M:Male 0D:0uterpiameter

旁通阀系列 Bypass Valve Series

产品型号 Product Model	进水口 Inlet	出水口 Outlet	配套控制阀管径 Valve Size	配套控制阀中心距 Inlet Outlet Distance	备注 Remark
41104 (F70A)	1^{n}M	1^{H}M	1^{H}F	50mm	F70A适配F63/F68控制阀 Suited F63/F68 Valve
41102 (F70B)	3/4^{H}M	3/4^{H}M	3/4^{H}M	65/70mm 可调	F70B专配F65/F69控制阀 Suited F65/F69 Valve
41204 (F70C)	1"M	1"M	1^{H}F	50mm	F70C 专配 F63/ F68/F82控制阀 Suited F63/F68/ F82 Valve
41202 (F70D)	3/4^{H}M	3/4^{H}M	3/4"M	50mm	F70D专配F79控制阀 Suited F79 Valve

旁通阀系列 Bypass Valve Series

产品型号 Product Model	进水口 Inlet	出水口 Outlet	配套控制阀管径 Valve Size	配套控制阀中心距 Inlet Outlet Distance	备注 Remark
41206 (F70F)	1"M		NPT 1"或 1"M	50mm	F70F专配F92/F97控制阀 Suited F92/F97 Valve
41304 (F70G)	NPT 3/4"M 或 1"M 或 NPT1"M		3/4"M 或 1"M 或 NPT1"M	50mm	F70G 专配 F63/F68/F79/ F82/F105/F136 控制阀 Suited F63/F68/F79/ F82/F105/F136 Valve
41302 (F70H)	3/4"M		3/4" M	50mm	适配F67N/F122控制阀 Suited with F67N/F122
41103 (F70I)	1"M		1"M	50mm	F70I适配F79控制阀 Suited with F79BD
41302Y (F70HYL)	3/4"M		3/4"M	50mm	F70HYUS配 F105/F12 艦制阀 Suited with 105/F126

特殊控制阀系列 Special Control Valve Series

除铁/锰装置
Iron and Manganese Removal Device

F107

F107C

型号 Model	出水水质 Outlet Water Quality	含锰量 Manganese Containing	出水浊度 Outlet Water Turbidity	进水水质 Inlet Water Quality	
F107	含铁量：^0.3mg/L Iron Containing：^0.3mg/L	彡 0.1mg/L	<5mg/L	含铁量：彡20mg/L Iron Containing：彡 20mg/L	含锰量：^3mg/L Manganese Containing：^3mg/L
F107C	含铁量：^0.3mg/L Iron Containing：彡 0.3mg/L	彡 0.1mg/L	<5mg/L	含铁量：彡20mg/L Iron Containing：彡 20mg/L	含锰量：^3mg/L Manganese Containing：^3mg/L

型号 Model	进水浊度 Inlet WaterTurbidity	碱度 Alkalinity	pH值 pH Value	水温 Water Temperature	产水量m^3/h Water capacity
F107	<15mg/L	^2mg/L	6.8 -9	6 -10°C	2
F107C	<15mg/L	彡 2mg/L	6.8 -9	6 -10°C	10

专利号(Patent No.):2021206252482

泳池过滤阀 （自动 F138Cs F139、手动 F139S)
Swimming Pool Filter Valve

◎陶瓷端面密封结构，耐磨损、耐腐蚀；

◎带压切换工位，无需停泵；

◎6大功能：过滤、反洗、正洗、排空、循环、关闭。

©Hermetic head faces structure, good performance in wear and corrosion resistance;

OCan switch position under pressure without stopping the pump;

©With 6 functions, including filter, backwash, fast rinse, waste, recirculation, closed.

新品 NEW

• F138侧装 (Side mounted)

• F139S

型号 Model	进/出/排水口胶接 Inlet/Outlet/Drain	上下布水口胶接 Glue connection of top and bottom strainer	基座 Base	中心管 Riser Pipe	反洗流量m7h @0.1 MPa Backwash Flow Rate	备注 Remark
53524 (F139A)	2"D-GB(外径63.3 mm UP VC 管)或2.375"OD (外径 60.3mmUPVC 管) 2" D-GB (UPVC pipe with 63.3mm OD) or 2.375" OD (UPVC pipe with 60.3mm OD)	/	卡瘦方式（适用罐口内直径150mm) Clamp connection (suitable tank with internal diameter of 150mm)	1.5"D-GB (外径50mm) 或 1.9"OD (外径 48.3mm) 1.5" D-GB (with 50mm OD) or 1.9" OD (with 48.5mm OD)	24	顶装、压力或时间启动反冲洗 Top-mounted installation, start backwash by pressure or time
F139 AS (51524)						顶装、手动 Top-mounted installation, start backwash manually
53524B (F139B)		/	法兰方式 (8颗M8螺栓，而且中心距为174 mm) Flange connection (8pcs M8 screw bolts, and the center distance is 174mm)			顶装、压力或时间启动反冲洗 Top-mounted installation, start backwash by pressure or time
53512C (F138C)	1.5WGB (外径 50mmUPVC 管) 1.5" D-GB (UPVC pipe with 50mm OD)	1.5HD-GB (外径 50mmUPVC 管) 1.5" D-GB (UPVC pipe with 50mm OD)	/	/	12	侧装、压力或时间启动反冲洗 Side-mounted installation, start backwash by pressure or time

-F139 流量 Flow rate 24 m^3/h

专利号(Patent No.) :2020228657123

双罐串联多功能控制阀F142

Control Valve for Achieving One Valve on Duplex Tanks and Working in Series

◎专利设计一阀多罐串联系统；
◎0.2MPa压差下，流量4 m^3/h；
◎可选净化+软化双罐串联系统；
◎可选臭氧+过滤双罐串联除铁锰系统；
◎可选双罐串联软化系统；
◎可实现三罐或三罐以上的多罐串联处理。

©Patented design: one valve on duplex tanks, working in series;
©Under 0.1MPa pressure drop, the flow rate is 4m^3/h;
©Filter + softening duplex tanks work in series system;
©Ozone + filter duplex tanks for iron and manganese removal system works in series;
©Duplex tanks softener system works in series;
©Three or more tanks can be realized in series.

型号 Model	进水口 Inlet	出水口 Outlet	排水口 Drain	吸盐口 Brine Tank Connector	基座 Base	中心管 Riser Pipe	再生方式 Regeneration Mode	产水量 Water capacity m^3/h	控制方式 Control Way
12504 (F142A1)	G1	G1	NPT3/4	G3/8	2.5" – 8NPSM	1"D-GB	顺流吸盐 DF	4	时间型 Time Type
12604 (F142A3)									流量型 Meter Type
12504 (F142B1)							顺流吸气 DF		时间型 Time Type
12604 (F142B3)									流量型 Meter Type

电源适配器输入 Transformer Input	AC 100-240V/50 -60Hz
电源适配器输出 Transformer Output	DC12V, 1.5A

在线取样检测出水硬度装置 Online Monitoring Device

结构性能特点Structure Features

•采用固定容积的动片通孔及混合腔取试剂及水样，一致性好；
鲁多种计时模式可选：a)可根据水质要求设定检测周期，范围：0-300分钟；b)、输入树指体积、原水硬度及平均每小时用水量等参数，系统自动计算运行总时间；
参设置简单：只需设置检测间隔时间(检测周期)，其他工位程序默认时间；
参试剂用完后系统会报警，并将程序转为时间型按小时计，直至添加试剂。

- Using constant volume for through-holes and mixing chamber, good consistency for water sample testing;
- Several time modes optional: a).It can adjust the monitoring time according to the water quality: 0-300 minutes; b).Input the resin volume, water hardness and the average water consumption per hours, the system will calculate the operate time automatically;
- Easy to set up: Only need to set the test interval time (Detection period),others set as the default time;

•The system will alarm when the reagent exhausted and turn the time mode program by hours until add reagent;

44710 (F84)

适用场合Applications

对软化阀出水硬度进行检测，并根据设定的程序发出信号。适用于蒸汽锅炉、热水锅炉及对水质硬度控制要求较高的软化水处理系统。

Test treated water hardness on outlet of softener valve, depending on the test result to control the softener valve regeneration. Suitable for softening water treatment system which has a high requirement for treated water application, such as steam boiler and hot water boiler application.

型号 Model	进水口 Inlet	出水口 Outlet	取样口 Sampling Connection	流量计进水口 Flow meteter inlet	流量计出水口 Flow meteter drain
44710(F84)	CP 6气管快接 4)6 gas-type fitting	<D 8气管快接 4)8 gas-type fitting	Φ6气管快接 4)6 gas-type fitting	1"F	1"M

鲁F:内牙 M:外牙 _F:Female M:Male

除氧器用控制阀 Deoxidized Control Valve

4 m^3/h

13504(F85)

结构性能特点Structure Features

♦ LED显示，侧面安装，带信号输出端口、远程控制输入、互锁等功能
参多种计时模式可选运行按天计、按小时计、按时间点（每天可二个、三个或四个时间点）
♦反洗用水有两种方式可选择；用除氧水反洗或原水反洗
•分左右室，增大反洗量

- LED display, has signal output connector, remote handling connector and interlock connector.
- Several time modes optional: operate by day, by hour, by time point (two, three, four points)
- It has two type of water for backwash: oxygen removal water or hard water

•There are left and right chambers to increase the backwash flow rate.

适用场合Applications

主要用于蒸汽锅炉供水的除氧，适用于双室常温海绵铁除氧系统
Steam boiler system and double chambers sponge iron deoxidized system.

型号 Model	进水口 Inlet	出水口 Outlet	排水口 Drain	上下布水口 為以二	左右室接口 Left and right chamber connector	产水量 Water capacity m^3/h	除氧器尺寸(in) Tank size(in)	备注 Remark
13504 (F85)	1"M	1^{H}M	1"M	r'M	$1^{f,}$M	3.5	10" -16"	除溶解氧 Removal dissolved oxygen

• M--外牙F—内牙 0D—外径　　參 Remark: M-Male Thread F--Female Thread OD-Outer Diameter

除氟用控制阀 Fluorine-removal Control Valve

1 m^3/h

11501(F83B1)/11601(F83B3)

结构性能特点Structure Features

•工艺流程：运行、进再生剂、补水、浸泡、正洗；
♦再生剂泵可由控制板控制；
• LED彩屏显示，停(断)电数据保护；
♦带互锁功能，带信号输出端口和远程控制端口。
♦端面密封启闭方式

- Process Flow: service, reagent entering, refill, soaking, fast Rinse.
- Reagent pump can be controlled by control board.
- LED display, data saved against power supply broke off.
- With interlock function, signal output connector and remote handling connector.
- Hermetic head faces for opening and closing

适用场合Applications

适用于家用及工业用除氟系统
Residential and industrial fluorine removal system

型号 Model	进水口 Inlet	出水口 Outlet	排水口 Drain	中心管 Riser pipe	进再生剂口 Regenerate reagent inlet	基座 Base	产水量 Water capacity
11501 (F83B1) 11601 (F83B3)	1^{H}M	1^{H}M	1/2"M	1.05^{n}OD	$3/8^{H}$M	2.5"-8NPSM	1m^3/h

參M--外牙F--内牙OD--外径　　• Remark: M-Male Thread F-Female Thread OD-Outer Diameter

其他阀门及配件
Other Accessories

电动三通阀
Electronic Three-way Valve

42020(F80)

6 m³/h 40 m³/h

叠片式过滤器系列 Disc Filter Series

43024 43029

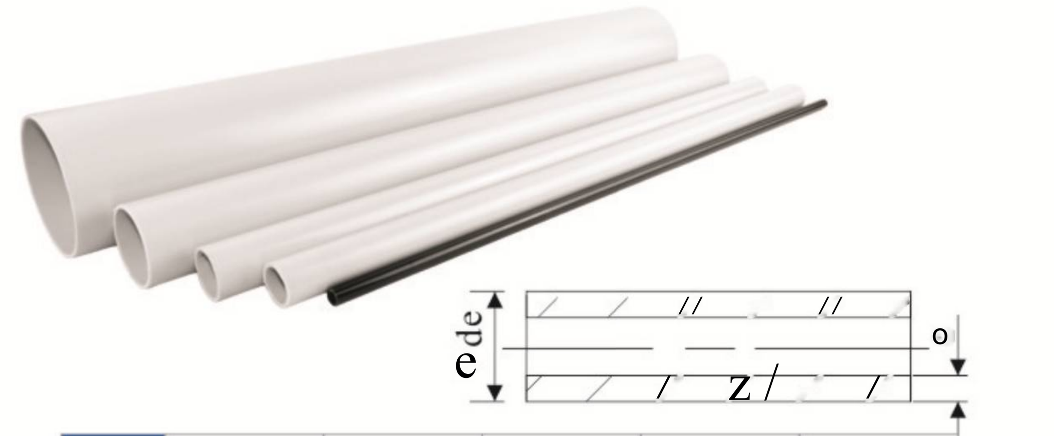
液位控制器+盐井
Liquid Level Switch & Brine well

3/4"或r上下布水器
3/4"and 1"top and bottom strainers

r直弯活接
1"connector

止回阀
Check Valve

F102/F45/F36/F2



de	9.6	26.7	32	50	90
e	1.5±0.1	2.5±0.15	2.6±0.2	2.7±0.2	2.2±0.15

ABS管件
ABS pipe

产品选型指南Product Selection Guide

产水量 Water Treatment Capacity		过滤_ 手动 Manual	过滤_ 自动 Automatic	手动软化Manual softener 顺逆/流再生 Down-flow/Up-flow	自动顺流再生 Automatic/Down-flow 时间型 Time Clock Type	自动顺流再生 Automatic/Down-flow 流量型 Meter Type	自动逆流再生 Automatic/Up-fl ow 时间型 Time Clock Type	自动逆流再生 Automatic/Up-fl ow 流量型 Meter Type
⊦2 m³/h	型号 Model	51201A/51201B 51201 C/51102/51202C	53502/52502H 53502B/64502/55502	61202/61202C	63502/62502/63502B/64502/65502	63602/62602/63602B/64602/65602	73502/72502/73502B/74502/74502Y	73602/72602/73602B/74602
		F52/F56B/F56C/F56E/F56EC	F71B1/F71D1 F71G1/F71P/F71Q	F64B/F64BC	F65B1/F65D1/F65G1/F65P1/F117Q1	F65B3/F65D3/F65G3/65P3/F117Q3	F69A1/F69D1 /F69G1 /F69P1 /F69PY	F69A3/F69D3/F69G3/F69P3
3-4 m7h		51104/51204C/51240	53504S/53504/52504H 53504B/54504/55504/56603/52504E	61104/61204C	63504S/63504/62504/63504B/64504/65504	63604S/63604/63604B/64604/65604	73504S/73504/72504/73504B/74504/74504Y	73604S/73604/72604/73604B/74604
		F56A/F56K/F56AC/F56M	" F67B/F67C1/F67D1 F67G1/F67P/F67Q/F67N/67K	F64A/F64AC	F63B1 /F63C1 /F63D1 /F63G1 /F63P1 /F116Q1	F63B3/F63C3/F63G3/F63P3/116Q3	F68A1/F68C1 /F68D1 /F68G1 /F68P1 /F68PY	F68A3/F68C3/F68D3/F68G3/F68P3
5-6 m7h		51106	53506S/53504-A	61206	63505E/63505	63605E/63605	72505/73505	72605^3605
		F56F	F67B-A/F67C1-A	N64F	F116A1/F130A1	F116A3/F130A3	F92A1-LCD/F92A1-LED	F92A-LCD/F92A-LED
8-10 m7h		51208/51210	53508/53510/5351OB/55510	61210	63508/63510/6351OB/65510	63610/63610B		
		F56L/N56D	F134A/N75A1/N75B1/N75Q	N64D	F133A/N74A1/N74B1 /N74Q	N74A3/N74B3		
12~18m7h		51215	53518/53515/53615	61215	63518/63515	63618/63615	73515	73615
		F77BS	N77B1/F99B1/F99B3	F77AS	N77A1/F99A1	N77A3/F99A3	F99D1	F99D3
20 m³/h			53520/53620		63520/63520T	63620/63620T	73520	73620
			F95B1/F95B3		F95A1/F111A1	F95A3/F111A3	F95D1	F95D3
30-40 m³/h		51240	53540B/53640B	61240B	63540B	63640B		
		F112BS	F112B1/F112B3	F112AS	F112A1	F112A3		
50 m7h			53550/53650		63550	63650		
			F96B1/F96B3		F96A1	F96A3		

其它产品Others

产品名称 Name	新型号 New Model	原型号 Old Model	备注 Remark
旁通阀 Bypass Valve	41104	F70A	可配 F63/F68 Suited with F63/F68
	41102	F70B	可配 F65/F69 Suited with F65/F69
	41204	F70C	可配 F63/F68/F82 Suited with F63/F68/F82
	41202	F70D	专配F79 Suited with F79
	41206	F70F	专配 F97/F92 Suited with F97/92
	41304	F70G	专配 F63/F68/F79/F82/F10 避制阀 Suited withF63/F68/F79/F82/F105
	41302	F70H	适配F67N/F122控制阀 Suited with F67N/F122
	41103	F70I	F70I适配F79控制阀 Suited with F79

产品名称 Name	新型号 New Model	原型号 Old Model	最大产水量 Water Treatment Capacity
顺逆流软化阀 Down/Up-flow Softener	83602	F79	2m³/h
	82602	F105	2 m³/h
	82603E	F97A3	3m³/h
	83604	F82A3	4 m³/h
浮动床软化阀 Control Valve for Floating Bed	93604	F83A3	4 m³/h
	93606	F98C	6 m³/h
	93610	F88C	10 m³/h
	92115	F77CS	15 m³/h
	93620	F95C3	20 m³/h
	93640	F112C3	40 m³/h

产品名称 Name	新型号 New Model	原型号 Old Model	最大产水量 Water Treatment Capacity
除氧用控制阀 Deoxidized Control Valve	13504	F85	4 m³/h
连续供水用一阀双罐 One Valve on Duplex Tanks	17603	F73	3.5 m³/h
	17606	F98A	6m³/h
	17606T	F137	6 m 7h
	17610T	F135	10 m³/h
	17610	F88A	10 m³/h
电动三通阀 Electronic Three-way Valve	42020	F80	20 m³/h
~在线取样检测装置~ On-line Sampling Monitory Device	44310	F84	
叠片式过滤器 Disc Filter	45006	F90A	6m³/h
	45012	F90B	12 m³/h
	45020	F90C	20 m³/h
	45040	F90D	40 m³/h

说明：上表中以数字表示的型号为新型号，以F开头的为原型号。Notice:the digital in above table is new model,and the model begin with "F" is old model.

润新®
RUNXIN

技术参数及工作条件汇总表

TAOTLE OF TECH NICAL PA 刀 AMmTE 刀 S AND WO 刀 KING CONDITIONS

类型 Type	新型号 New Model	旧型号 Old Model	进/出水口 Inlet/Outlet	排水口 Drain	基座 Base	中心管 Riser Pipe	吸盐口 Brine Line Connector	产水量m³/h W.T.C.(m³/h)	适配罐体 Tank Diameter Range	再生方式 Regeneration Mode	工作压力 Water Pressure	进水浊度 Turbidity
手动过滤阀 Manual Filter Valve	51201A	F52	1/2"F	1/2"F	M82x3	① 16.5mm	⁄	1	6"—10"	⁄	0.15MPa-0.6MPa	<20FTU
	51101B	F56B	1/2"F 或 3/4"F		Tr96><6或①98锯齿形 Tr96 x 6 or O 98 hackle whorl	1.05"OD		1	10"滤壳 Filter housing			
	51101C	F56C			Tr118x6 或 Tr110x6 Tr118x6or Tr110x6			1	20"滤壳 Filter housing			
	51102/51202C	F56E/F56EC			2.5"-8NPSM			2	6"-10"			
	51104/51204C	F56A/F56AC/F56M	1"F					4	6"-12"			
	51106	F56F	1"F			1"D-GB		6	6"-14"			
	51208	F56L	1.5"M		4"-8UN	1.25"D-GB 1.66"OD		8	16"-24"			
	51110	N56D	2"F	1.5T		1.5"D-GB 1.9"OD		10	10"-24"			
	51215	F77BS	2"M					15	20"—30"		0.2MPa-0.6MPa	
	51240B	F112BS	DN65		侧装，DN80上下布 Side-Mounted, DN80 Top and bottom strainer connector			40	36"—48"			
自动过滤阀 Automatic Filter Valve	53502/53502B/53502P 52520H/55502	F71B/F71G/F71P/ F71D/F71Q	3/4"M	3/4"M	2.5"-8NPSM	1.05"OD	⁄	2	6"—10"	⁄	0.15MPa-0.6MPa	<20FTU
	53504/53504S/53504B/53504C/ 53504P/52504H/55504/ 56603M/52504E	F67C/F67B/F67G/F67I/ F67P/F67D/F67Q/ F67M/F67K	1"F F67D、F67K: 1"M F67M: 3/4"M					4	6"—16"			
	53506S	F67B-A	1"F	1"F		1"D-GB		6	6"-16"			
	53508	F134A	1.5"M	1.5"M		1.25"D—GB 1.66"OD		8	16"-24"		0.2MPa-0.6MPa	
	53510/53510B	N75A/N75B	2"M	2"M	4"-8UN	1.5 D—GB 1.9"OD		To	16"-24"			
	53515	F99B						15	20"-30"			
	53518	N77B1						18	24"-30"			
	53520T/53620T	F111B1/F111B3				2"D-GB		20	30"-36"			
	53520/53620	F95B1/F95B3			侧装，2"M上下布 Side-Mounted，2"!^ Top and bottom strainer connector			20	30"-36"			
	53540B/53640B	F112B1/F112B3	DN65	DN65	侧装，DN80上下布 Side-Mounted, DN80 Top and bottom strainer connector			40	36"-48"			
	53550/53650	F96B1/F96B3	DN80	DN80	侧装，bN100上下布 Side-Mounted, DN 100 Top and bottom strainer connector			50	36"-48"			
手动软化阀 Manual Softener Valve	61202/61202C	F64B/F64BC	3/4T	1/2"M	2.5"-8NPSM	1.05 'OD	3/8"M	2	6"-12"	顺流 Down-flow	0.15MPa-0.6MPa	<5FTU
	61104/61204C	F64A/F64AC	1"F	1/2"M				T	6"-18"			
	61206	F64F	1.5"M	3/4"M	4"—8UM	1.25"D-GB	1/2"M	6	10"—28"			
	61210	N64D	2"M	VM		1.5"D—GB 1.9"OD		10	10"-30"			
	61215	F77AS	2"M	1.5"M			3/4"M	15	30"-40"		0.2MPa-0.6MPa	
	61240B	F112AS	DN65	DN65	侧装，DN80上下布 Side-Mounted, DN80 Top and bottom strainer connector			40	48"—60"			
自动软化阀 Automatic Softener Valve	63502/63502B/63502P/ 62502/65503	F65B/F65G/F65P/ F65D/F117Q	3/4"F	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	2	6"—12"	顺流 Down-flow	0.15MPa-0.6MPa	<5FTU
	73502/73502B/73502P/ 72502/75502	F69A/F69G/F69P/ F69D/F69Q						2		逆流 Up-flow		<2FTU
	63504S/63504/63504B/ 63504C/63504P/62504/ 65505/63505E	F63B/F63C/F63G/ F63I/F63P/F63D/ F116Q/F116E	VM					4	6"—18"	顺流 Down-flow		<5FTU
	73504S/73504/73504B 73504P/72504/75504	F68A/F68C/F68G F68P/F68D/F68Q						4	6"—18"	逆流 Up-flow		<2FTU
	63605	F130A	1"M	NPT3/4		1"D_GB		5	7"-22"	顺流 Down-flow		<5FTU
	73605	F92A							10"-24"	逆流 Up-flow		<2FTU
	63508	F133A	1.5"M	3/4"M	4"-8UN	1.12[illegible]	1/2"M	8	24"-30"	顺流 Down-flow	0.2MPa-0.6MPa	<5FTU
	63510/63510B	N74A/N74B	2"M	1"M		1.5 D-GB 1.9"OD		W	24"-30"			
	63515/73615	F99A/F99D	2"M	1-5"M			3/4"M	15	30"-40"	F99A顺流 Dow门一flow F99D逆流 Up-flow		顺流□5FTU、逆流□2FTU
	63518	N77A	2"M	1.5"M				18	30"-40"	顺流 Down-flow		□5FTU
	63520/73520	F95A/F95D	2"M	1.5"M	侧]装 Side-Mounted	⁄		20	36"—48"	F95A顺流、F95D逆流		川页流□5FTU、逆流□2FTU
	63520T	F111A	2"M	1.5"M	4"-8UN	2"D-GB	3/4"M	20	36"—48"	顺流 Down-flow	0.2MPa-0.6MPa	<5FTU
	63540B	F112A	DN65	DN65	侧装，DN80上下布 Side—Mounted，DN80 Top and bottom strainer connector			40	48"—60"			
	63550	F96A	DN80	DN80	侧装，d）N100上下布 Side-Mounted, DN100 Top and bottom strainer connector			50	60"-72"			
	82602/82602B	F79A-LCD/F79B-LCD	3/4"M	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	[illegible]	6"-12"	顺流/逆流 Down/Up-flow	0.15-0.6MPa	<5FTU 或 <2FTU
	83604/82604B	F82A-LCD/F82B-LCD	1"M	1/2"M				[illegible]	6"-18"			
	82604E	F97A	3/4"M	1/2"M				[illegible]	6"-18"			
	82602E	F105A	3/4"M	1/2"M				[illegible]	6"-12"			
	82603FD	F136BHW	1"M	NPT3/4				[illegible]	6"-18"			
	17603	F73	VM	1/2 M	2.5" - 8NPSM	1.05"OD	3/8"M	3^5	12"-14"	顺流/逆流 Down/Up-flow		<5FTU 或 <2FTU
_用_备系列 One Valve On Duplex Tanks	17606	F98	VM	3/4"M	侧装，1"M上下布 Side-Mounted，1"M Top and bottom strainer connector		1/2"M	6	20"-24"	逆流 Up-flow	0.15MPa-0.6MPa	<2FTU
	17610	F88	1.5"M	r'M	侧装1.5"M上下布 Side-Mounted，1.5"M Top and bo!tom strainer connector			10	20"—30"			
	17610T	F135A	1.5"M	3/4"M	4"-8UN	1.5"D-GB 1.9"OD				顺流 Down-flow	0.2MPa-0.6MPa	<5FTU
	17606T	F137	VM	3/4"M		1.5"D-GB 外径32mm (32mm OD)		6	16"-24"	啊莖顶劈Down—flow Top mounted		
浮动床系列 Control Valve for Floating Bed	93504	F83A	VM	1/2"M	2.5"-8NPSM	1.05"OD	3/8"M	[illegible]	10"-14"	浮动床 Floating Bed	0.15-0.6MPa	<2FTU
	93606	F98C	VM	3/4"M	侧装，VM上下布 Side-Mounted，1"M Top and bottom strainer connector		1/2"M	[illegible]	18"		0.2MPa-0.6MPa	
	93610	F88C	1.5"M	1"M	侧装，1.5"M上下布 Side-Mounted, 1.5"M Top and bottom strainer connector			W	20"—21"			
	91215	F77CS	2"M	1.5"M	侧装，2"M上下布 Side-Mounted, 2"M Top and bottom strainer connector		3/4"M	15	20"-30"			
	93520	F95C						20	30"-36"			
	91240B/93540B	F112CS/F112C	DN65	DN65	侧装，DN80上下布 Side-Mounted, DN80 Top and bottom st「3iri6「connector			40	36"-48"			
泳池过滤系列 Swimming Pool Filter Valve	53524	F139A	2"D-GB(外径63.3 mmUPVCW) 或2.375"OD(外径 60.3mmUPVC 管) 2" D-GB (UPVC pipe with 63.3mm OD) or 2.375" OD (UPVC pipe with 60.3mm OD)		卡箍方式 Clamp connection	1.5"D-GB 1.9"OD	⁄	24	16"-27"	⁄	<0.25MPa	<20FTU
	53524B	F139B			法兰方式 Flange connection			24	16"-27"			
	53512C	F138C	1.5"D-GB(外径 50mmUPVC 管) 1.5" D-GB (UPVC pipe with 50mm OD)		侧装方式 Side-mounted	⁄		12	16"-2V			
双罐串连多功能控制阀系列 Control valve for achieving one valveon duplex tanks and working in series	12604	F142A	1"M	NPT3/4	2.5"-8NPSM	1"D—GB	3/8"M	4	6"—18"	顺流吸盐 Down-flow (brine draw)	0.15-0.6MPa	<5FTU
	12504	F142B						4		顺流吸气 Down-flow (air draw)		