

Residential Water Softeners

Residential Water Softener - Space Saver Cabinet



- Installs under sink or in limited space
- Unique, space saving low profile design is ergonomically engineered for easy salt fill and storage capacity
- Built-in self cleaning, high capacity media for sediment and dirt reduction
- Exclusive distribution system ensures maximum contact with media
- Safety shut off valve eliminates overflow
- 12 volt system; no electrical wiring required
- Simple, four button electronic control regenerates based on exact water used
- Plumbing Connection Size: 1"
- Includes: Bypass Valve
- Warranty: 1 year

Max Iron Reduction	Peak Flow Rate GPM	Backwash Max Flow Rate GPM	Mineral Tank Size	Salt Storage Lbs.	Dimensions H x W x L	Brand	Model Number	Part Number
10 ppm	10 @ 15 psi drop	2	10.5" x 21"	170	30.5" x 15" x 26"	Watts	PWSCAB30K	7100135

Residential Water Softeners



- Meter Initiated Softeners with the 5600 Series Control Valve
- Regeneration control valve monitors water use, regenerating as necessary with an accurately measured amount of sodium to conserve water and salt
- Ion exchange media is a high capacity polystyrene resin
- Twin tank models
- Designed for simple operation and service
- Non-corrosive fiberglass resin tank with a thermoplastic inner liner is approved by NSF, UL & DA and meet the WQA standard S-100
- Plumbing Connection Size: 1"
- Includes: Bypass Valve
- Warranty: 1 year

Grains Capacity @ Lbs. of Salt	Flow Rate		Resin Tank Size	Media Cubic Foot	Brine Tank D x H	Brand	Model Number	Part Number
	Service GPM @ 15 psi Drop	Backwash GPM						
30,000 @ 15 lbs 20,000 @ 6 lbs	8.8	2.0	9" x 48"	1	18" x 33"	Watts	PWSSTD30K	7100136
45,000 @ 22.5 lbs 30,000 @ 9 lbs	10	2.4	12" x 52"	1.5	18" x 33"	Watts	PWSSTD45K	7100137
60,000 @ 30 lbs 40,000 @ 12 lbs	10	3.5	12" x 52"	2	18" x 33"	Watts	PWSSTD60K	7100138

Residential Water Softeners

Residential Water Softeners



- Metered Initiated Electronic Softeners with the Pro SE Series Valve and Metered Control
- Demand regeneration control valve monitors water use, regenerating when necessary
- 5 cycles, all fully adjustable
- Ion exchange media is a high capacity polystyrene resin
- Cabinet & Twin tank models
- Non-corrosive fiberglass resin tank with a thermoplastic inner liner is NSF/ANSI Standard 44 or 61 certified
- Plumbing Connection Size: 1"
- Includes: Bypass Valve
- Warranty: 1 year

Grains Capacity @ Lbs. of Salt	Flow Rate		Resin Tank Size	Media Cubic Foot	Brine Tank D x H	Brand	Part Number
	Service GPM @ 15 psi Drop	Backwash GPM					
Twin Tank Model							
30,000 @ 15 lbs 20,000 @ 6 lbs	12	2.0	9" x 48"	1	18" x 33"	Fleck by Pentair	M5600-30SXT
45,000 @ 22.5 lbs 30,000 @ 9 lbs	13.1	2.4	10" x 54"	1.5	18" x 33"	Fleck by Pentair	M5600-45SXT
60,000 @ 30 lbs 40,000 @ 12 lbs	14.4	3.5	12" x 52"	2	18" x 60"	Fleck by Pentair	M5600-60SXT
90,000 @ 45 lbs 60,000 @ 18 lbs	15.5	4.0	13" x 65"	3	18" x 40"	Fleck by Pentair	M5600-90SXT

Residential Water Softeners



- Twin Alternating Meter Initiated Softeners with the Fleck 9100 Series Electromechanical Timer Valve and Metered Control
- Demand regeneration control valve monitors water use, regenerating when necessary
- Ion exchange media is a high capacity cation resin
- Alternating twin tank models
- Corrosion resistant fiber reinforced plastic resin tank
- Plumbing Connection Sizes: 3/4" (30-40K models), 1" (60-120K models)
- Includes: Bypass valve (30-40K models only) and safety brine valve with air check. If a bypass is required on the 60 & 120K models, it must be ordered separately.

Grains Capacity @ Lbs. of Salt	Flow Rate		Resin Tank Size	Media Cubic Foot	Brine Tank D x H	Brand	Part Number
	Service GPM @ 15 psi Drop	Backwash GPM					
30,000 @ 15 lbs 20,000 @ 6 lbs	14	2.0	9" x 48" (2)	1	18" x 40"	Fleck by Pentair	MAT-30K-75SXT
45,000 @ 15 lbs 30,000 @ 6 lbs	13	2.4	10" x 54" (2)	1.5	18" x 40"	Fleck by Pentair	MAT-45K-75SXT
60,000 @ 15 lbs 40,000 @ 6 lbs	16	3.5	12" x 52" (2)	2	18" x 40"	Fleck by Pentair	MAT-60K-15XT
90,000 @ 15 lbs 60,000 @ 6 lbs	17	4.0	14" x 65" (2)	3	18" x 40"	Fleck by Pentair	MAT-90K-15XT
120,000 @ 15 lbs 80,000 @ 6 lbs	18	5.0	16" x 65" (2)	4	18" x 40"	Fleck by Pentair	MAT-120K-15XT



Residential Water Softeners

Residential Water Softeners



Twin Tank Model

- Meter Initiated Electronic Softeners with the Autotrol 255 Valve and Logix 760 Metered Control
- Advanced microprocessor monitors and learns water usage and adapts the control to your water needs, regenerating only when necessary
- Large, easy to read LCD 4 button programming display
- 28 day variable reserve feature
- High performance resin
- Fine mesh resin works better in high iron applications
- Peak service flow rates to 15GPM
- Constructed from safe, NSF listed materials
- Compact Autotrol flapper valve design
- Proven camshaft technology
- Single motor and heavy duty gear delivers superior torque
- Robust controller mount
- NEMA 3 rated timer with cover
- 8 hour memory will retain date/time setting in the event of a power failure
- Enclosed electronic module provides environmental protection
- Cost effective and extremely efficient
- Optional wall mount electronic module available
- Includes: Ball Style Bypass Valve, 3/4" Copper Tailpiece Kit & Drain Fitting
- Warranty: Control Valve & Brine Tanks 5 Years, Mineral tank 10 Years

Capacity Grains Per cu. ft. Dosage			Service Flow Rate (GPM)	Resin Tank Size	Resin Volume (cu. ft.)	Brand	Part Number
@ 15 lbs	@9 lbs	@ 3lbs					
Cabinet Models							
32,000	25,000	15,000	5.0	10" x 35"	1.0	Autotrol by Pentair	M255/760-CM30K
Twin Tank Models							
32,000	25,000	15,000	5.0	9" x 40"	1.0	Autotrol by Pentair	M255/760-30K
40,000	34,000	17,000	6.25	10" x 40"	1.25	Autotrol by Pentair	M255/760-40K
48,000	38,000	22,000	7.5	10" x 54"	1.5	Autotrol by Pentair	M255/760-48K
64,000	50,000	28,000	10.0	12" x 52"	2.0	Autotrol by Pentair	M255/760-64K
75,000	60,000	32,000	12.5	12" x 52"	2.5	Autotrol by Pentair	M255/760-75K
90,000	75,000	44,000	15.0	14" x 65"	3.0	Autotrol by Pentair	M255/760-90K

Notes

1. Standard softener, if sized properly, is capable of removing up to 2.0 mg/l of combined iron and manganese. Fine mesh softener, if sized properly, is capable of removing up to 3.0 mg/l of combined iron and manganese.
2. Valve can be converted to a 268 Performa to increase nominal peak flow to 25 GPM

Fine mesh softeners available contact Davies for pricing and application.

Davies offers a large selection of replacement valves & individual valve parts for residential, commercial & municipal water softeners & filters

For Media & Associated Chemicals see "Water Treatment and Purification Chemicals" Section

Residential Water Softeners

Residential Water Softeners - Mini Cabinet



- Meter Initiated Electronic Softeners with the 5600SXT Control Valve
- Ideal for apartments or space constrained areas
- Consumes 50% less water for regeneration than standard softeners; Uses only 14.5 gallons of water for 3 lbs/cu.ft. of salt
- Large backlit display and 3 button, user friendly programming
- Fully adjustable regeneration cycle
- Regeneration day override can be programmed
- Diagnostic provides current and historical usage information
- Can use with optional Res-Up Feeder
- Cabinet includes air check, brine safety valve and overflow protection fitting
- Includes: Bypass with 3/4" MNPT connections and plastic salt grid
- Warranty: Mineral Tank 10 Years, All Other Parts 7 Years

Max Hardness Removed	Max Iron Reduction	Flow Rates (GPM)		Mineral Tank Size	Salt Storage Lbs.	Dimensions W x D x H	Brand	Part Number
		Service	Backwash					
17,000 Grains @ 12lbs salt/cvf	1 ppm	10	2	10" x 18"	100 w/o Grid 75 with Grid	13.5" x 22.5" x 27.25"	Econoflo SXT	7111 (EFC-MINI-17)
22,000 Grains @ 12lbs salt/cvf	10 ppm							7112 (EFC-MINI-22)

Residential Water Softeners

Residential Water Softeners



- Meter Initiated Mechanical Softeners with the 5600 Series Control Valve
- Regeneration control valve monitors water use, regenerating as necessary
- Removes hardness minerals (calcium and magnesium) from the water supply
- Choice of cabinet style or twin tank models
- Designed for simple operation and service
- Includes: Bypass Valve
- Warranty: Control valve and brine tanks 5 years, mineral tank 10 years

Capacity - Grains			Flow Rate		Resin Tank Size	Cabinet or Brine Tank W x D x H	Brand	Part Number
@ 15 lbs/cu. ft.	Factory Set @ 10 lbs/cu. ft.	@ 6 lbs/cu. ft.	Service USGPM	Backwash USGPM				
30,000	27,500	20,000	10	2.0	10" x 35"	13" x 18" x 45"	Fleck by Pentair	M5600-30MICAB
30,000	27,500	20,000	10	2.0	10" x 35"	18" x 33"	Fleck by Pentair	M5600-30MI
37,500	34,375	25,000	12	2.0	10" x 47"	14" x 14" x 35"	Fleck by Pentair	M5600-45MI
60,000	55,000	40,000	15	3.0	12" x 52"	22" x 38"	Fleck by Pentair	M5600-60MI
90,000	82,500	60,300	20	4.0	14" x 65"	22" x 38"	Fleck by Pentair	M5600-90MI
5600 Series Replacement Mechanical Metered Valve. (Bypass Valve & Manifold Sold Separately)								
Fits on M5600 Series Softeners							Fleck by Pentair	F5600M-CSA

Resin Cleaner



- Penetrates the resin bead pores to free accumulated iron and other impurities and protects against water softener component malfunctions caused by scale or other build-up

Description	Size	Brand	Part Number
Resin Cleaner	1 Gallon	Pro Res Care®	RK41N
Resin Cleaner	1 Quart	Pro Res Care®	RK32N

Automatic Feeder



- Meters the appropriate volume of resin cleaner each time the resin bed is regenerated and can be programmed for the size of resin bed and quantity of iron or other impurities in the untreated water
- Easy to install and operate

Description	For Softeners	Brand	Part Number
Resin Feeder	Up to 1 cu ft	Res Up®	S6304
Resin Feeder	Over 1 cu ft	Res Up®	S6305

For Media & Associated Chemicals see "Water Treatment and Purification Chemicals" Section

Residential Water Filters

Residential Backwashing Carbon Filters (Activated & Centaur Carbon)

LOGIX™



- Automatically Activated Time Clock Control Filters with the GE Autotrol 263 Performa Valve and Logix 742 Control
- Taste, odor & color reduction
- Uses granular activated or centaur carbon media to adsorb chlorine and give you water free of chemicals
- Compact Autotrol flapper valve design and proven camshaft technology
- Includes: Ball Style Bypass Valve & 1" Copper Tailpiece Kit
- Warranty: Control Valve 5 Years, Fiberglass Tank 10 Years

Media Cubic Feet	Service Flow Rate (GPM)	Backwash Flow Rate (GPM)	Resin Tank Size	Brand	Part Number
Activated Carbon Media					
1	3	4	10" x 40"	Petwa	CF10-742
1.5	4	5	10" x 54"	Petwa	CF15-742
2	5	7	12" x 52"	Petwa	CF20-742
Centaur Carbon Media					
1	3	4	10" x 40"	Petwa	CCF10-742
1.5	4	5	10" x 54"	Petwa	CCF15-742
2	5	7	12" x 52"	Petwa	CCF20-742

Davies offers a large selection of replacement valves & individual valve parts for residential, commercial & municipal water softeners & filters

For Media & Associated Chemicals see "Water Treatment and Purification Chemicals" Section



Davies Supply Group Ltd.

Calgary (800) 661-1346

(403) 244-2161

Lethbridge (877) 595-7707

(403) 381-7707

Saskatoon (877) 355-3377

(306) 933-2433

Residential Water Filters

Residential Backwashing Iron Filters (Birm & FilterAg™)



- Automatically Activated Electronic Time Clock Control Filters with the GE Autotrol Performa 263 Valve and Logix 742 Control
- Effective way to remove iron staining
- Chemical free, this filter requires air injection by hydrocharger or air pump (sold separately) to oxidize iron & manganese
- Recommended to be used with a properly sized retention tank (sold separately)
- Compact Autotrol flapper valve design and proven camshaft technology
- Includes: Ball Style Bypass Valve & 1" Copper Tailpiece Kit
- Warranty: Control Valve 5 Years. Fiberglass Tank 10 Years.

Media Cubic Feet	Service Flow Rate (GPM)	Backwash Flow Rate (GPM)	Resin Tank Size	Brand	Part Number
FilterAg™ Media					
1	4	5	10" x 40"	Pentair	IF10-742
1.5	4	5	10" x 54"	Pentair	IF15-742
2	6	7	12" x 52"	Pentair	IF20-742
Brim Media					
1	4	5	10" x 40"	Pentair	IFB10-742
1.5	4	5	10" x 54"	Pentair	IFB15-742
2	6	7	12" x 52"	Pentair	IFB20-742

Residential Backwashing Sediment Filters (FilterAg™)



- Automatically Activated Time Clock Control Filters with the GE Autotrol 263 Performa Valve and Logix 742 Control
- Used to remove suspended particles like clay, silt or oxidized iron from chlorinated systems
- Uses FilterAg™ media
- Includes: Ball Style Bypass Valve & 1" Copper Tailpiece Kit
- Warranty: Control Valve 5 Years, Fiberglass Tank 10 Years

Media Cubic Feet	Service Flow Rate (GPM)	Backwash Flow Rate (GPM)	Resin Tank Size	Brand	Part Number
1	4	5	10" x 40"	Pentair	AG10-742
1.5	4	5	10" x 54"	Pentair	AG15-742
2	5	7	12" x 52"	Pentair	AG20-742

For Media & Associated Chemicals see "Water Treatment and Purification Chemicals" Section

Residential Water Filters

Residential Air Injection Oxidizer (AIO)



- Chemical free backwashing iron filter featuring the Pentair Fleck 5810XTR2 valve designed to be used on water containing iron, manganese, low levels of hydrogen sulfide, particulates and minor taste & odor concerns
- This filter creates an air bubble at the upper portion of the tank to oxidize any ferrous iron prior to being filtered by the media. The media increases the pH to enhance iron removal and traps the precipitated iron.
- Captive area of oxygen or air
- Upper deflector to spread incoming flow of water through media
- High flow control valve with inlet check, advanced XTR2 touch screen controller for unsurpassed filtration control & diagnostics
- Heavy duty mineral tank
- Bypass valve assembly and connector assembly sold separately

Media Cubic Feet	Flow Rates US GPM			Mineral Tank Size	Part Number
	Service	Peak	Backwash		
Birm Media					
1.5	5	10	5	10" x 54"	CFM1.55810XTR2AIO-B
2.0	8	15	8	12" x 52"	CFM2.05810XTR2AIO-B
Centaur® Carbon Media					
1.5	5	10	5	10" x 54"	CFM1.55810XTR2AIO-C
2.0	8	15	8	12" x 52"	CFM2.05810XTR2AIO-C
Installation Accessories					
Bypass Assembly, 1.25"					43644
Connector Assembly, 1" NPT					61991-01



TESTED and CERTIFIED by the WQA to NSF/ANSI Standard 44 for Water Softener Performance.



TESTED and CERTIFIED by the WQA to NSF/ANSI Standard 372 for Lead Free Compliance.



UL recognized to the 979.



TESTED EMC and Low Voltage Directive



Restriction of Hazardous Substance Compliant



Pentair Fleck 5810 Control Valve Features & Benefits
<ul style="list-style-type: none"> • Stronger Flow Rates • Faster Setup Time: 10,000 RPM fast positioning motor with 12 volt DC drive • Soft Water Refill: For better brine saturation and a cleaner brine tank • Time of day Backup: Maintains system data up to 12 hours after a home power outage • Easy Servicing: Cartridge based seal and spacer design for quick and easy replacement • Optical Sensors: For precision cycle positioning • Hydraulically Balanced Piston: For service and regeneration • Double Backwash: For reduced hardness leakage • Superior Strength & Durability: Fiber reinforced polymer valve body, non-corrosive and UV resistant

XTR2 Touchscreen Controller	
Features & Benefits	Diagnostics
<ul style="list-style-type: none"> • Time of day super capacitor backup for power loss • Large color LCD touch screen display • Programmable relay output • Remote lockout and regen input • Easy electronic programming • Error alarm • Assistance screen with dealer contact information • Programmable assistance interval with alarm for service • Master settings by category • Intuitive navigation • Field programmer for quick configuration and diagnostic data download to PC via USB • Password lockout screen for added security • Vacation mode to save water when not in use 	<ul style="list-style-type: none"> • Current Flow Rate • Peak Flow Rate (can be reset) • Totalizer (can be reset) • Last Regeneration • Daily Usage for last four weeks • Reserve • Software Version • Number of Regenerations • Regeneration Interval • Usage since last regeneration • Last program change

Residential Water Filters

Residential Backwashing Sediment Filters (Multimedia)



- Automatically activated electronic time clock control filters with the GE Autotrol 263 Performa valve and Logix 742 control
- Reduction of turbidity to 15 microns with flow parameters
- Layered media for efficient filtration
- Compact Autotrol flapper valve design and proven camshaft technology
- Includes: Ball Style Bypass Valve & 1" Copper Tailpiece Kit
- Warranty: Control Valve 5 Years, Fiberglass Tank 10 Years

Media Cubic Feet	Service Flow Rate (GPM)	Backwash Flow Rate (GPM)	Resin Tank Size	Brand	Part Number
1	3	5	10" x 40"	Petwa	MF10-742
1.5	4	7	10" x 54"	Petwa	MF15-742
2	4	10	12" x 52"	Petwa	MF20-742

Residential Backwashing Sediment Filters (nextSand™)



- Automatically activated electronic time clock control filters with the GE Autotrol 263 Performa valve and Logix 742 control
- Uses high performance, long lasting nextSand™ media which has unique properties to provide more than twice the capacity of multimedia filtration
- Reduction of turbidity to 3-5 microns
- High service flow parameters
- Compact Autotrol flapper valve design and proven camshaft technology
- Includes: Ball Style Bypass Valve & 1" Copper Tailpiece Kit
- Warranty: Control Valve 5 Years, Fiberglass Tank 10 Years

Backwash Flow Rate (gpm)	Service Flow Rate (gpm)	Resin Tank Size	Media Cubic Feet	Brand	Model Number	Part Number
8	7-11	10" x 40"	1.0	Petwa	021-100936	NS10-742
8	7-11	10" x 54"	1.5	Petwa	021-150936	NS15-742
12	9-16	12" x 52"	2.0	Petwa	021-200936	NS20-742
14	13-21	14" x 65"	3.0	Petwa	021-300936	NS30-742

Davies offers a large selection of replacement valves & individual valve parts for residential, commercial & municipal water softeners & filters

For Media & Associated Chemicals see "Water Treatment and Purification Chemicals" Section

Residential Water Filter Accessories

Air Pump For Chemical Free Iron Filters



978005

- Use this air pump as a supplementary device with automatic Chemical Free Iron Filters. **A retention tank (sold separately) must also be used.**
- Use with both a standard pump & pressure tank system or a constant pressure system
- Oil-less compressed air pump is compact and quiet
- Eliminates obsolete air injectors and the problems of sizing venturis
- Note: The air pump should not be used outdoors or exposed to very moist conditions. Humid locations should use air dryers.

Description	Brand	Part Number
115 Volt Air Pump. 75psi max, 100F max.	Watergroup	978005
Installation Kit for 978005	Watergroup	978006



978006

Hydrocharger For Chemical Free Iron Filters



- PVC hydrocharger assembly, adjustable
- Replaces brass hydrocharger

Description	Brand	Part Number
1" FNPT, PVC, 3.8" Long, 2.3" Diameter	Watergroup	33354

Residential Water Filter Accessories - Air Retention Tanks

Air Retention Tanks



- Lightweight composite utility tanks designed to stand up to years of tough service in the field
- Precision injected molded domes for uniform wall thickness
- Reinforced with durable continuous strand fiberglass and sealed with weather resistant epoxy resin
- Heavy duty base molded out of ABS for maximum strength and durability
- Removable schedule 80 PVC bottom connection that can be "accessorized"
- Top connection with stainless steel reinforcement ring
- Max Working Pressure: 100 psig
- Max Working Temperature (internal & external): 120F



Total Tank Volume		Height		Floor to CL		Diameter		Socket Glue Connection (Schd. 80)	Top Connection FPT	Total Weight Lbs	Part Number
gal	litres	in	cm	in	cm	in	cm				
30	114	42.5	108.0	1.75	4.4	16.5	41.8	1 1/4"	1 1/4"	23.0	FLU30EZ
40	151	53.4	135.6	1.75	4.4	16.5	41.8	1 1/4"	1 1/4"	31.0	FLU40EZ
40	151	36.9	93.8	2.25	5.7	21.4	54.2	1 1/4"	1 1/4"	33.1	FLU40SEZ
80	303	64.1	162.8	2.25	5.7	21.4	54.2	1 1/4"	1 1/4"	60.0	FLU80EZ
120	454	71.5	181.6	2.25	5.7	24.2	61.4	1 1/4"	1 1/4"	83.5	FLU120EZ

Air Release Valve



- Maintains system flow efficiency
- Releases unwanted air pockets during system operation
- Protects system against air related surges
- Non-clog design eliminates backwashing
- Unconditionally guaranteed stainless steel floats
- NSF/ANSI 61 Certified, UL Listed, FM Approved

Inlet Size	Outlet Size	CWP PSI	Orifice Size	Dimensions W x H	Brand	Part Number
1" NPT	1/2" NPT	175	1/16"	4 3/4" x 5 1/4"	Val-Matic	15A3
Repair Kit For #15A3 Air Release Valve Kit Includes: Orifice button, seat, gasket, pivot pin & retaining ring					Val-Matic	SPK3-15A

Residential Water Softener & Filter Replacement Parts

Distributor Tubes For Water Softeners & Filters - Universal



- Cut to desired length
- When replacing media also replace distributor tube

Description	Part Number
13/16" x 55" Distributor Tube with Basket	0500131655
1" x 72" Distributor Tube with Basket	0500340065

Drain Fitting For Water Softeners



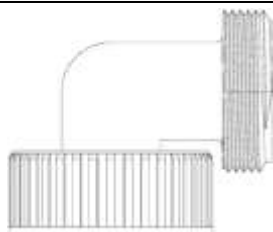
Description	Used On Series	Part Number
Drain Fitting For 255 Valve 1/2" F x 1/2" Hose Barbed	Pentair: 255-760, M255-760-xxK, M255-760-CMxxK, TTxx-760, TTxx-760FM	462088
Straight Drain Fitting 1/2" x 1/2" Hose Barbed		3A12G
90° Elbow Drain Fitting 1/2" x 1/2" Hose Barbed	Pentair: 5600 Valve, M5000-xxMI, M5000-xxMICAB	3EL12G
90° Elbow Drain Fitting 3/4" FPT x 1/2" Hose Barbed		3EL3412F

Tailpiece Kits For Water Softeners & Water Filters



Description	Used On Series	Part Number
3/4" Copper Tailpiece Kit For 255 Valve		1001606
1" Copper Tailpiece Kit For 263 Valve		1001670
1 1/4" Copper Tailpiece Kit	Pentair: 255-760, M255-760-xxK, M255-760-CMxxK, TTxx-760, TTxx-760FM, AGxx-742, CFxx-742, CCFxx-742, IFxx-742, IFBxx-742, MFxx-742, NSxx742	1041210
3/4" MPT ABS Plastic Tailpiece Kit		1001769
1" MPT ABS Plastic Tailpiece Kit		1001603
3/4" CPVC Tailpiece Kit		1001613
1" CPVC Tailpiece Kit		1001614

Adapter Kit For Water Softeners & Water Filters



Description	Used On Series	Part Number
90° Elbow Adapter Kit (tailpieces not included)	Pentair: 255-760, M255-760-xxK, M255-760-CMxxK, TTxx-760, TTxx-760FM, AGxx-742, CFxx-742, CCFxx-742, IFxx-742, IFBxx-742, MFxx-742, NSxx742	1040547

Residential Water Softener & Filter Replacement Parts

GE Autotrol/Logix Control Valve For Water Softeners



- Warranty: 5 Years

Description	Used On Series	Brand	Part Number
255 Control Valve with Logix 760 Electronic Metered Control	Pentair: 255-760, M255-760-xxK, M255-760-CMxxK, TTxx-760, TTxx-760FM	Pentair	1242526

Bypass Valve For Water Softeners



- Bypass valve includes installation kit

Description	Used On Series	Brand	Part Number
Bypass Valve Ball Valve Style For 255 Valve #1242526	Pentair: 255-760, M255-760-xxK, M255-760-CMxxK, TTxx-760, TTxx-760FM	Pentair	1040769

GE Autotrol/Logix Control Valve For Water Filters



- Warranty: 5 Years

Description	Used On Series	Brand	Part Number
Performa 263 Valve with Logix 742 Electronic Time Clock Control	Pentair: 263-742, AGxx-742, CFxx-742, CCFxx-742, IFxx-742, IFBxx-742, MFxx-742, NSxx742	Pentair	1269837

Bypass Valve For Water Filters



- Includes installation kit

Description	Used On Series	Brand	Part Number
3/4" Copper Ball Valve Style For Performa 263 Valve #1269837	Pentair: 263-742, AGxx-742, CFxx-742, CCFxx-742, IFxx-742, IFBxx-742, MFxx-742, NSxx742	Pentair	1040930



Residential Water Softener & Filter Valve Kits

Fleck Valve Kits For Residential Water Softeners & Filters

Residential Water Softener Valve Kits

Softener Valve:	5600	2500	2510
Standard Piston Assembly, RWB	60102-00	60090	-
NRWB Piston Assy	-	-	60101-01
Standard Seal & Spacer Kit	60125	60121	60121
Standard Brine Valve	60032	60029-020 60029-030	60011-020 60011-030
Brine Tank Air Check (120 & smaller)	60002-34	60002-34	60002-34

Residential Water Filter Valve Kits

Filter Valve:	5600	2500	2510
RWB Piston Assembly	60102-10	60090	60090
Standard Seal & Spacer Kit	60125	60121	60121

See Commercial Water Softeners and Filters Section For
Commercial Valve Kits

Commercial Water Softeners

Commercial Water Softeners



- Meter initiated electronic softeners
- Applications include steam boiler make up water, water heater pre-treatment, reverse osmosis pre-treatment, sterilizer make up water, washing and process water
- Demand regeneration control valve monitors water use, regenerating when necessary
- Digital electronic controls store operating history that can be accessed by the user
- Fully adjustable regeneration cycles
- Dry contact lock out switch for remote interface
- Ion exchange media is a high capacity cation resin
- Twin tank models
- Durable brass bodied control valve and polypropylene lower distribution system
- Control valve is WQA certified to NSF/ANSI Standard 61
- Ion exchange resin is WQA certified to NSF/ANSI Standard 44
- Non-corrosive fiberglass resin tank with a thermoplastic inner liner is certified to NSF/ANSI Standard 44 or 61
- Includes: Bypass Valve
- Warranty: 1 year

Grains Capacity @ Lbs. of Salt	Flow Rate			Resin Tank Size	Media Cubic Foot	Brine Tank D x H	Brand	Model Number	Part Number
	Service GPM @ 15 psi Drop	Service GPM @ 25 psi Drop	Backwash GPM						
1" Plumbing Connection Size (Fleck 2750NXT Control Valve)									
30,000 @ 15 lbs 20,000 @ 6 lbs	9	15	2.0	9" x 48"	1	18" x 40"	Watts	PWS10111A11	7100020
45,000 @ 22.5 lbs 30,000 @ 9 lbs	10	15	2.4	10" x 54"	1.5	18" x 40"	Watts	PWS10111B11	7100021
60,000 @ 30 lbs 40,000 @ 12 lbs	15	20	3.5	12" x 52"	2	18" x 40"	Watts	PWS10111C11	7100022
90,000 @ 45 lbs 60,000 @ 18 lbs	18	23	5.0	14" x 65"	3	18" x 40"	Watts	PWS10111D11	7100023
120,000 @ 60 lbs 80,000 @ 24 lbs	19	25	7.0	16" x 65"	4	18" x 40"	Watts	PWS10111E11	7100024
1.5" Plumbing Connection Size (Fleck 2850NXT Control Valve)									
60,000 @ 30 lbs 40,000 @ 12 lbs	15	20	4.0	12" x 52"	2	18" x 40"	Watts	PWS15121C11	7100025
90,000 @ 45 lbs 60,000 @ 18 lbs	17	22	5.0	14" x 65"	3	18" x 40"	Watts	PWS15121D11	7100026
120,000 @ 60 lbs 80,000 @ 24 lbs	25	40	7.0	16" x 65"	4	18" x 40"	Watts	PWS15121E11	7100027
150,000 @ 75 lbs 100,000 @ 30 lbs	30	50	11.0	18" x 65"	5	24" x 41"	Watts	PWS15121F11	7100028
210,000 @ 105 lbs 140,000 @ 42 lbs	35	53	13.0	21" x 62"	7	24" x 50"	Watts	PWS15121G11	7100029
300,000 @ 150 lbs 200,000 @ 60 lbs	40	55	15.0	24" x 72"	10	30" x 50"	Watts	PWS15121H11	7100030

Commercial Water Softeners

Commercial Water Softeners



- Meter initiated electronic softeners
- Applications include steam boiler make up water, water heater pre-treatment, reverse osmosis pre-treatment, cooling tower make up water, sterilizer make up water, washing and process water. Use the duplex alternating models where continuous softened water is required.
- Demand regeneration control valve monitors water use, regenerating when necessary
- Digital electronic controls store operating history that can be accessed by the user
- Fully adjustable regeneration cycles
- Dry contact lock out switch for remote interface
- Ion exchange media is a high capacity cation resin
- Simplex & Duplex twin tank models
- Durable brass bodied control valve and polypropylene lower distribution system
- Control valve is WQA certified to NSF/ANSI Standard 61
- Ion exchange resin is WQA certified to NSF/ANSI Standard 44
- Non-corrosive fiberglass resin tank with a thermoplastic inner liner is certified to NSF/ANSI Standard 44 or 61
- Includes: Bypass Valve
- Warranty: 1 year

Grains Capacity @ Lbs. of Salt	Flow Rate			Resin Tank Size	Media Cubic Foot	Brine Tank D x H	Brand	Model Number	Part Number
	Service GPM @ 15 psi Drop	Service GPM @ 25 psi Drop	Backwash GPM						
2" Plumbing Connection Size (Fleck 3150NXT Control Valve)									
90,000 @ 45 lbs 60,000 @ 18 lbs	25	40	5	14" x 65"	3	18" x 40"	Watts	PWS20131D11	7100031
120,000 @ 60 lbs 80,000 @ 24 lbs	35	55	7	16" x 65"	4	18" x 40"	Watts	PWS20131E11	7100032
150,000 @ 75 lbs 100,000 @ 30 lbs	57	65	10	18" x 65"	5	24" x 41"	Watts	PWS20131F11	7100033
210,000 @ 105 lbs 140,000 @ 42 lbs	60	77	12	21" x 62"	7	24" x 50"	Watts	PWS20131G11	7100034
300,000 @ 150 lbs 200,000 @ 60 lbs	74	97	15	24" x 72"	10	30" x 50"	Watts	PWS20131H11	7100035
450,000 @ 225 lbs 300,000 @ 90 lbs	80	100	25	30" x 72"	15	39" x 48"	Watts	PWS20131I11	7100036
600,000 @ 300 lbs 400,000 @ 120 lbs	84	105	35	36" x 72"	20	39" x 48"	Watts	PWS20131J11	7100037
Duplex Alternating Models - 2" Plumbing Connection Size (Fleck 3150NXT Control Valve)									
90,000 @ 45 lbs 60,000 @ 18 lbs	25	40	5	14" x 65" (2)	3	18" x 40"	Watts	PWS20131D21	7100038
120,000 @ 60 lbs 80,000 @ 24 lbs	35	55	7	16" x 65" (2)	4	18" x 40"	Watts	PWS20131E21	7100039
150,000 @ 75 lbs 100,000 @ 30 lbs	57	65	10	18" x 65" (2)	5	24" x 41"	Watts	PWS20131F21	7100040
210,000 @ 105 lbs 140,000 @ 42 lbs	60	77	12	21" x 62" (2)	7	24" x 50"	Watts	PWS20131G21	7100041
300,000 @ 150 lbs 200,000 @ 60 lbs	74	97	15	24" x 72" (2)	10	30" x 50"	Watts	PWS20131H21	7100042
450,000 @ 225 lbs 300,000 @ 90 lbs	80	100	25	30" x 72" (2)	15	39" x 48"	Watts	PWS20131I21	7100043
600,000 @ 300 lbs 400,000 @ 120 lbs	84	105	35	36" x 72" (2)	20	39" x 48"	Watts	PWS20131J21	7100044

Commercial Water Softeners

Commercial Water Softeners



- Meter initiated electronic softeners
- Applications include steam boiler make up water, water heater pre-treatment, reverse osmosis pre-treatment, cooling tower make up water, sterilizer make up water, washing and process water. Use the duplex alternating models where continuous softened water is required.
- Demand regeneration control valve monitors water use, regenerating when necessary
- Digital electronic controls store operating history that can be accessed by the user
- Fully adjustable regeneration cycles
- Dry contact lock out switch for remote interface
- Ion exchange media is a high capacity cation resin
- Simplex & Duplex twin tank models
- Durable brass bodied control valve and polypropylene lower distribution system
- Control valve is WQA certified to NSF/ANSI Standard 61
- Ion exchange resin is WQA certified to NSF/ANSI Standard 44
- Non-corrosive fiberglass resin tank with a thermoplastic inner liner is certified to NSF/ANSI Standard 44 or 61
- Includes: Bypass Valve
- Warranty: 1 year

Grains Capacity @ Lbs. of Salt	Flow Rate			Resin Tank Size	Media Cubic Foot	Brine Tank D x H	Brand	Model Number	Part Number
	Service GPM @ 15 psi Drop	Service GPM @ 25 psi Drop	Backwash GPM						
3" Plumbing Connection Size (Fleck 3900NXT Control Valve)									
300,000 @ 150 lbs 200,000 @ 60 lbs	120	170	15	24" x 72"	10	30" x 50"	Watts	PWS30151H11	7100045
450,000 @ 225 lbs 300,000 @ 90 lbs	158	212	25	30" x 72"	15	39" x 48"	Watts	PWS30151I11	7100046
600,000 @ 300 lbs 400,000 @ 120 lbs	185	250	35	36" x 72"	20	39" x 60"	Watts	PWS30151J11	7100047
900,000 @ 450 lbs 600,000 @ 180 lbs	200	268	45	42" x 72"	30	42" x 60"	Watts	PWS30151K11	7100048
1,050,000 @ 525 lbs 700,000 @ 210 lbs	213	280	60	48" x 72"	35	50" x 60"	Watts	PWS30151L11	7100049
Duplex Alternating Models - 3" Plumbing Connection Size (Fleck 3900NXT Control Valve)									
300,000 @ 150 lbs 200,000 @ 60 lbs	120	170	15	24" x 72"	10	30" x 50"	Watts	PWS30151H21	7100050
450,000 @ 225 lbs 300,000 @ 90 lbs	158	212	25	30" x 72"	15	39" x 48"	Watts	PWS30151I21	7100051
600,000 @ 300 lbs 400,000 @ 120 lbs	185	250	35	36" x 72"	20	39" x 60"	Watts	PWS30151J21	7100052
900,000 @ 450 lbs 600,000 @ 180 lbs	200	268	45	42" x 72"	30	42" x 60"	Watts	PWS30151K21	7100053
1,050,000 @ 525 lbs 700,000 @ 210 lbs	213	280	60	48" x 72"	35	50" x 60"	Watts	PWS30151L21	7100054

Commercial Water Softeners

Commercial Water Softeners



- Meter initiated twin alternating electronic softeners designed to supply continuous softened water without interruption
- Applications include steam boiler make up water, water heater pre-treatment, reverse osmosis pre-treatment, cooling tower make up water, sterilizer make up water, washing and process water
- Demand regeneration control valve monitors water use, regenerating when necessary
- Digital electronic controls store operating history that can be accessed by the user
- Fully adjustable regeneration cycles
- Dry contact lock out switch for remote interface
- Ion exchange media is a high capacity cation resin
- Alternating twin tank models
- Durable brass bodied control valve and polypropylene lower distribution system
- Control valve is WQA certified to NSF/ANSI Standard 61
- Ion exchange resin is WQA certified to NSF/ANSI Standard 44
- Non-corrosive fiberglass resin tank with a thermoplastic inner liner is certified to NSF/ANSI Standard 44 or 61
- Includes: Bypass Valve
- Warranty: 1 year

Grains Capacity @ Lbs. of Salt	Flow Rate			Resin Tank Size	Media Cubic Foot	Brine Tank D x H	Brand	Model Number	Part Number
	Service GPM @ 15 psi Drop	Service GPM @ 25 psi Drop	Backwash GPM						
1" Plumbing Connection Size (Fleck 2750NXT Control Valve)									
30,000 @ 15 lbs 20,000 @ 6 lbs	9	15	2.0	9" x 48"	1.0	18" x 40"	Watts	PWS10T161A21	7100055
45,000 @ 22.5 lbs 30,000 @ 9 lbs	10	15	2.4	10" x 54"	1.5	18" x 40"	Watts	PWS10T161B21	7100056
60,000 @ 30 lbs 40,000 @ 12 lbs	15	20	3.5	12" x 52"	2.0	18" x 40"	Watts	PWS10T161C21	7100057
90,000 @ 45 lbs 60,000 @ 18 lbs	18	23	5.0	14" x 65"	3.0	18" x 40"	Watts	PWS10T161D21	7100058
120,000 @ 60 lbs 80,000 @ 24 lbs	19	25	7.0	16" x 65"	4.0	18" x 40"	Watts	PWS10T161E21	7100059
1.5" Plumbing Connection Size (Fleck 2850NXT Control Valve)									
60,000 @ 30 lbs 40,000 @ 12 lbs	15	20	5.0	12" x 52"	2.0	24" x 41"	Watts	PWS15T171C21	7100060
90,000 @ 45 lbs 60,000 @ 18 lbs	17	22	7.0	14" x 65"	3.0	24" x 41"	Watts	PWS15T171D21	7100061
120,000 @ 60 lbs 80,000 @ 24 lbs	25	40	9.0	16" x 65"	4.0	24" x 41"	Watts	PWS15T171E21	7100062
150,000 @ 75 lbs 100,000 @ 30 lbs	30	50	12.0	18" x 65"	5.0	24" x 41"	Watts	PWS15T171F21	7100063
210,000 @ 105 lbs 140,000 @ 42 lbs	35	53	15.0	21" x 62"	7.0	24" x 50"	Watts	PWS15T171G21	7100064
300,000 @ 150 lbs 200,000 @ 60 lbs	40	55	15.0	24" x 72"	10.0	30" x 50"	Watts	PWS15T171H21	7100065

Commercial Water Filters

Commercial Backwashing Carbon Filters



- Fully automatic time clock initiated control valve
- Highly effective backwashing media filtration systems for the removal of chlorine as well as taste, odor and color caused by organics from water
- Ideal for food and bottled water processing, restaurant drink station water treatment, commercial ice production, soft drink water processing, RO pre-treatment, ion exchange resin pre-treatment and general de-chlorination of municipal water
- If higher flow rates are required, multiple units can be installed in parallel
- Cleaning cycle can be programmed to occur at any time
- High surface area, with a minimum of 1050 m²/g, low carbon fines and coconut shell carbon
- Digital electronic controls store operating history that can be accessed by the user
- Fully adjustable backwash and flush cycles
- Dry contact lock out switch for remote interface
- Durable brass bodied control valve and polypropylene lower distribution system
- Control valve is WQA certified to NSF/ANSI Standard 61
- Corrosion resistant fiberglass mineral tank NSF certified to ANSI Standard 44 or 61
- Includes: Bypass Valve
- Warranty: 1 year

Media Cubic Feet	Mineral Tank Size	Flow Rates (GPM)		Plumbing Connection Size	Brand	Model Number	Part Number
		Service	Backwash				
1	9" x 48"	3.7	4.0	1"	Watts	PWC10111A10	7100009
1.5	10" x 54"	5.5	5.0	1"	Watts	PWC10111B10	7100010
2	12" x 52"	7.4	7.0	1"	Watts	PWC10111C10	7100011
3	14" x 65"	11.1	10	1"	Watts	PWC10111D10	7100012
4	16" x 65"	14.8	12	1.5"	Watts	PWC15121E10	7100013
7	21" x 62"	25.9	26	1.5"	Watts	PWC15121G10	7100014
10	24" x 72"	37	30	2"	Watts	PWC20141H10	7100015
15	30" x 72"	55.5	50	2"	Watts	PWC20141I10	7100016
20	36" x 72"	74	70	3"	Watts	PWC30151J10	7100017
30	42" x 72"	111	90	3"	Watts	PWC30151K10	7100018
35	48" x 72"	129.5	100	3"	Watts	PWC30151L10	7100019

Control Valve				
Plumbing Connection Size:	1"	1.5"	2"	3"
	Fleck 2750NXT	Fleck 2850NXT	Fleck 3150NXT	Fleck 3900NXT

Commercial Water Filters

Commercial Backwashing Sediment Filters



- Fully automatic time clock initiated control valve
- Highly effective backwashing media filtration systems for the removal of sediment and suspended solids from water
- Applications include RO pre-treatment, micro and ultra filtration pre-treatment, cartridge filtration pre-treatment, sediment reduction in city and rural water, municipal water filtration as well as general turbidity reduction. Also, filtered water is a cleaner supply water for boilers, solenoid valves, pumps, faucets, aerator screens, reverse osmosis systems, micro and ultra filtration systems, pools, aquariums, washing and rinsing processes.
- Uses high performance Micro Z™ media which holds 2.8 times the amount of solids than a sand bed, reducing water consumption because the need to backwash is almost three times less. This also provides increased loading capacities and higher service flow rates.
- High performance media has 3-5 micron particle size removal capabilities compared to sand media at 15-30 micron
- If higher flow rates are required, multiple units can be installed in parallel
- Cleaning cycle can be programmed to occur at any time
- Digital electronic controls store operating history that can be accessed by the user
- Fully adjustable backwash and flush cycles
- Dry contact lock out switch for remote interface
- Durable brass bodied control valve and polypropylene lower distribution system
- Control valve is WQA certified to NSF/ANSI Standard 61
- Corrosion resistant fiberglass mineral tank NSF certified to ANSI Standard 44 or 61
- Includes: Bypass Valve
- Warranty: 1 year

Media Cubic Feet	Mineral Tank Size	Service Flow Rates (GPM)			Backwash Flow Rate (GPM)	Plumbing Connection Size	Brand	Model Number	Part Number
		10 GPM Ft ²	15 GPM Ft ²	20 GPM Ft ²					
1	9" x 48"	4.4	6.6	8.8	7.0	1"	Watts	PWM10111A10	7100000
1.5	10" x 54"	5.4	8.1	10.8	7.0	1"	Watts	PWM10111B10	7100001
2	12" x 52"	7.8	11.7	15.6	10	1"	Watts	PWM10111C10	7100002
3	14" x 65"	10.7	16.0	21.4	20	1.5"	Watts	PWM15121D10	7100003
4	16" x 65"	13.9	20.8	27.8	20	1.5"	Watts	PWM15121E10	7100004
7	21" x 62"	24.1	36.1	48.2	40	1.5"	Watts	PWM15121G10	7100005
10	24" x 72"	31.4	47.1	62.8	50	2"	Watts	PWM20141H10	7100006
15	30" x 72"	49.1	73.6	98.2	85	2"	Watts	PWM20141I10	7100007
20	36" x 72"	70.7	106.1	141.4	100	3"	Watts	PWM30151J10	7100008

Control Valve				
Plumbing Connection Size:	1"	1.5"	2"	3"
	Fleck 2750NXT	Fleck 2850NXT	Fleck 3150NXT	Fleck 3900NXT

Commercial Water Softener & Filter Valve Kits

Fleck Valve Kits For Commercial Water Softeners & Filters

Commercial Water Softener Valve Kits

Softener Valve:	2750	2850	2850S	2900	2900S	3150	3900	9000	9100	9500
Standard Piston Assembly, RWB	60090-HF	60105	61630-00			60106-00				
NRWB Piston Assembly	60101-01	60114-01	61631-00			60113-01				
Upper Drive Piston Assembly				60090-HF	61540		60106-00	60400	60400	60108
Lower Drive Piston Assembly, NRWB				60104	61555		60107-10	60401	60401	60109
Standard Seal & Spacer Kit	60121	60129	61632			60131				
Upper Drive Seal & Spacer Kit				60121	61530		60131	60125	60125	60134
Lower Drive Seal & Spacer Kit				60128	60128		60132	60421	60421	60133-01
Standard Brine Valve										
1600 Brine Valve (120 & Smaller)	60029-020 60029-030	60029-020 60029-030		60029-020 60029-030	60029-020 60029-030			60350	60350	60037-620 60037-630
1700 Brine Valve (150 & Larger) 1 GPM	60034-10	60034-10	60034-10	60034-10	60034-10					60039-10
1700 Brine Valve (150 & Larger) 2 GPM	60034-20	60034-20	60034-20	60034-20	60034-20					60039-20
1700 Brine Valve (150 & Larger) 4 GPM	60034-40	60034-40	60034-40	60034-40	60034-40					
1800 Brine Valve						60036-02	60036-02			
Service Valve Operator	60150-01	60150	60150-01	60150-01	60150-01	60150-3150	60150-3150			
Brine Tank Air Check (120 & Smaller)	60002-34							60002-34	60002-34	
Brine Tank Air Check (150 & Larger)	60009-00	60009-00	60009-00	60009-00	60009-00	60009-00	60009-00			60009-00

Commercial Water Filter Valve Kits

Filter Valve:	2750	2850	2850S	2900	2900S	3150	3900	9000	9100	9500
RWB Piston Assembly	60090-HF	60105	61630-00			60106-00				
NRWB Piston Assembly	60101-01	60114-01	61631-00			60113-01				
Upper Drive Piston Assembly				60090-HF	61540		60106-00	60400	60400	60108
Lower Drive Piston Assembly, NRWB				60104	61555		60107-10	60401	60401	60109
Lower Drive Piston Assembly, RWB				60103	61550		60107-00			
Standard Seal & Spacer Kit	60121	60129	61632			60131				
Upper Drive Seal & Spacer Kit				60121	61530		60131	60125	60125	60134
Lower Drive Seal & Spacer Kit				60128	60128		60132	60421	60421	60133-01
Service Valve Operator	60150-01	60150	60150-01	60150-01	60150-01	60150-3150	60150-3150			

See Residential Water Softeners and Filters Section For
Residential Valve Kits

