



PRODUCT	DESCRIPTION	ORDER	PRICE	
 <p>A AquaSoft Pro Competitive Units</p>	 AquaSoft Pro AquaSoft Pro Plus AquaSoft CL	WISCONSIN STATE APPROVED AQUASOFT PRO, PRO PLUS, & AQUASOFT CL SOFTENERS!		
	AquaSoft Pro Competitive Units with the Autotrol 255 Valve, NO Tank Jacket, Salt Grid or Turbulator AquaSoft Pro - .50 Cubic Ft unit with the 255 valve with the 740 clock timer AquaSoft Pro - .50 Cubic Ft unit with the 255 valve with the 760 metered timer AquaSoft Pro - 1.0 Cubic Ft unit with the 255 valve with the 740 clock timer AquaSoft Pro - 1.0 Cubic Ft unit with the 255 valve with the 760 metered timer AquaSoft Pro - 1.5 Cubic Ft unit with the 255 valve with the 740 clock timer AquaSoft Pro - 1.5 Cubic Ft unit with the 255 valve with the 760 metered timer AquaSoft Pro - .75 Cubic Ft single tank cabinet unit with the 255 valve with the 740 clock timer AquaSoft Pro - .75 Cubic Ft single tank cabinet unit with the 255 valve with the 760 metered timer	A-PES 16M255-740 PES 16M255-760 PES 32M255-740 PES 32M255-760 PES 48M255-740 PES 48M255-760 PES 25M255CAB-740 PES 25M255CAB-760	A- A- A- A- A- A- A-	817.50 853.36 901.75 1,107.64 1,040.50 1,223.67 764.47 886.65
 <p>B AquaSoft Pro Plus Units</p>	AquaSoft Pro Plus Units with the Autotrol 268 Valve, Black Molded Jacket, Salt Grid and Turbulator AquaSoft Pro Plus - 1.0 Cubic Ft unit with the 268 valve with the 740 clock timer AquaSoft Pro Plus - 1.0 Cubic Ft unit with the 268 valve with the 760 metered timer AquaSoft Pro Plus - 1.5 Cubic Ft unit with the 268 valve with the 740 clock timer AquaSoft Pro Plus - 1.5 Cubic Ft unit with the 268 valve with the 760 metered timer	B-PES 32M268-740 PES 32M268-760 PES 48M268-740 PES 48M268-760	B- B- B- B-	1,063.75 1,092.26 1,094.05 1,170.65
	 <p>C AquaSoft CL Units</p>	AquaSoft CL Softener Units with the Clack '3-2' Control, No Tank Jacket, Salt Grid or Turbulator AquaSoft CL - .85 Cubic Ft unit with the Clack '3-2' Control AquaSoft CL - 1.0 Cubic Ft unit with the Clack '3-2' Control AquaSoft CL - 1.5 Cubic Ft unit with the Clack '3-2' Control AquaSoft CL - 2.5 Cubic Ft unit with the Clack '3-2' Control	C-PES24CC-844-CL PES32CC-1044CL PES48CC-1054CL PES72CC-1354CL	C- C- C- C-
 <p>D McDermott Sanitizer Units</p>		  Solution for Iron, Manganese & Hardness. Single Pass Unit with Chlorine Generator to Sanitize the Crystal-Right Media. Reduces Iron and Sulfur Bacteria and Unpleasant Taste & Odors. Proven Unit; Backed By McDermott's! McDermott Sanitizer Units with the Autotrol 268 Valve and MinPlus in EVERY Unit McDermott Sanitizer - 268 valve - CR100 and MinPlus - 10X54 mineral tank McDermott Sanitizer - 268 valve - CR100 and MinPlus - 13X54 mineral tank McDermott Sanitizer - 268 valve - CR200 and MinPlus - 10X54 mineral tank McDermott Sanitizer - 268 valve - CR200 and MinPlus - 13X54 mineral tank	D-PES AS1-1054MP PES AS1-1354MP PES AS2-1054MP PES AS2-1354MP	D- D- D- D-
	 <p>F AquaPro RO System</p>	AquaSoft Pro FILTERS - Acid Neutralizers, Carbon, Sediment (Not Illustrated) Acid Neutralizer Filter With Automatic Backwash Activated Carbon Filter With Automatic Backwash Sediment-Rust-Dirt Filter With Automatic Backwash	E-PES 268R1054-1 PES 268R1044-1C PES 268R1044-1AG	E- E- E-
AquaPro REVERSE OSMOSIS SYSTEM <i>Wisconsin State Approved!</i> <ul style="list-style-type: none"> • Built-In Monitor • Premium, Long Necked Chrome Style Faucet to fill • Large Pots • Easy to Replace Filters & Membranes • Two (2) Gallon Tank 				
	50GPD AquaPro Reverse Osmosis Filter W/Internal Monitor and Faucet Sediment/Carbon Cartridge for PESROAP-50 Granular Activated Carbon Filter Cartridge for PESROAP-50 2" X 6-1/4" Filter for PESROAP-50 Membrane for PESROAP-50 Booster Pump for PESROAP-50	F- PES ROAP-50 PES CS7028 PES CS7025 PES CS7206W PES CS1229RS PES 6801	F- F- F- F- F- F-	533.54 29.05 18.49 20.25 117.09 291.19
	AquaSoft Pro REVERSE OSMOSIS SYSTEM Filters			
	5 Micron Prefilter for the AquaSoft Pro RO-50 Carbon Block Filter for the AquaSoft Pro RO-50 - 2 Required Post Carbon Filter for the AquaSoft Pro RO-50 Membrane Filter for the AquaSoft Pro RO-50 TDS Pocket Meter for Testing RO Water for Total Dissolved Solids	PES 1227867-V PES 32-250-125-975 PES CL10ROT40-B PES 1204694 PES PRIMO		3.11 10.19 18.32 62.94 60.27



Oshkosh
800-242-0357

Green Bay
800-236-7867

Watertown
800-236-5966

PRICE	ORDER	DESCRIPTION	PRODUCT
A		AquaSoft Pro SOFTENER INSTALLATION & REPAIR PARTS	AquaSoft Pro Softener Repair Parts Breakdown for the 255 Model Head
41.18	PES MD-10A	Air Gap W/Built-in Vacuum Breaker-Plastic-1/2" X 1-1/2", 2"Standpipe	
150.66	PES 1040780	AUTOTROL 6 Day Timer for Model #155/255 Valve	
317.74	PES 460MP	MicroProcessor Conversion Kit for Model #155/255 Valve	
695.01	PES 255MP	#255 Control Module Valve W/MicroProccsr-Fits 2 Tank AquaSoft Pros	
352.34	PES 460I	MicroProcessor-Variable Timer for PES155 /255 Valves Except Cabinet Models	
43.39	PES 1040769	Plastic Bypass Valve Fits 255 Head on AquaSoft Pro Softeners <i>(Must Order Bypass Adapters Separately)</i>	
24.20	PES 1001606	3/4" Tube Adapters for Bypass	
37.73	PES 55F-2	1" Tube Adapters for Bypass	
61.31	PES 1033013	Flapper Valve Kit for Model 155 Valve	
27.97	PES 1000250	Flapper Valve Kit for Model 255 Valve	
42.41	PES 161	Brine Saftey Float Valve for Brine Tanks	
9.76	PES 28FBB	Injector Nozzle Assembly For Model 155/255 Valve	
5.94	PES 7F	Injector Screen with Cap For Model 155/255 Valve	
1.01	PES MA512	1/2"MIP X 1/2" Insert Adapter for Vinyl Tubing - For Model 155/255 Valve	
12.97	PES 100A136801	New Style Air Check For Model 155 Valve-Bolt on-After Sept '94	
52.76	PES 1032350	Turbine Water Meter-For All MicroProcessor Heads	
47.85	PES AT-48	Turbulator for PES32 Softener - 44" High Mineral Tank	
		MEDIA OXIDIZER-SAND-RESIN	
224.15	AMT MG100	1 Cubic Foot of Manganese Greensand for Greensand Iron Filters	B WATER TESTING KITS
195.61	WRA CA4068	1 Cubic Foot of High Capacity Bead Resin Zeolite for All Softeners	
		WATER TEST KITS	
B		Prof. Field Test Kit for Hardness & Iron-Drip Method-Approx. 50 Tests	
94.28	HAC 95A	Same as HAC 95A but has 100 tests for Hardness & Iron, Plus 300 for pH	 <p>Hach Professional Field Kit</p>
380.18	HAC 62A	Home Safety Water Test Package for Bacteria, Nitrates, Fluoride, Arsenic, etc.	
263.16	CWTST	Home Safety Water Test Package for Arsenic Only	
68.04	CWTAT	Home Safety Water Test Package for Arsenic Only	
		AMERICAN PLUMBER CARTRIDGE TYPE WATER FILTERS	C American PLUMBER™
C		Clear Standard Housing Only - No Cartridge - 3/4" NPT I/O - 125PSI	
57.55	AMP WC34-PR	Valve-In-Head Standard Housing W/Pressure Relief Button-3/4"NPT	
77.05	AMP WVC34	Taste/Odor Cartridge - 5 Micron Filtering - For WC34-PR	
14.42	AMP W5CIP	Dirt/Rust Cartridge - 20 Micron Filtering - For WC34-PR	
7.28	AMP W20CLA	Scale/Iron Cartridge - Up to 5GPM Flow Rate - For WC34-PR	
97.16	AMP WPCC	Heavy Duty Opaque Housing Only - No Cartridge - 1" NPT I/O - 100PSI	
111.57	AMP W10-PR	Taste/Odor Cartridge - 20 Micron Filtering - For W10-PR	
54.98	AMP WGCHD	Dirt/Rust Cartridge - 50 Micron Filtering - For W10-PR	
28.37	AMP W50PEHD	Taste/Odor/Sediment Ice Maker Filter - 1/4" Connection	
29.47	AMP WICSA	Spanner Wrench for the WC34-PR Housing	
8.65	AMP WW34	Spanner Wrench for the W10-PR Housing	
12.80	AMP WWHD	Replacement BUNA-N FDA Grade O-Ring for WC34-PR Housing	
4.69	AMP W34-OR	Replacement BUNA-N FDA Grade O-Ring for W10-PR Housing	
8.49	AMP W10-OR		
141.20	AMP 150233	Big Blue Housing Only - No Cartridge - 1"NPT X 20" I/O - Max Pressure 90PSI	
185.14	AMP 155263-03	RFFE20-BB Radial Flow Iron Reduction Cartridge for Use in the 1"X20" Big Blue Housing - <i>Can Reduce Up to 3ppm Iron</i>	
		RUSCO SCREEN TYPE WATER FILTERS	E
D		Rusco Spin Filter/Screen-140 Mesh/Flush Clean/Replaceable/1" Socket	
93.25	RUS 1-140	Rusco Spin Filter/Screen-140 Mesh/Flush Clean/Replaceable/1 1/2" Socket	
126.74	RUS 1-1/2-140	Rusco Spin Filter/Screen-140 Mesh/Flush Clean/Replaceable/2" Socket	
203.91	RUS 2-140	Rusco 1" Replacement Screen - 100 Mesh	
22.76	RUS FS1-100	Rusco 1" Replacement Screen - 140 Mesh	
22.76	RUS FS1-140	Rusco 1-1/2" Replacement Screen - 140 Mesh	
39.88	RUS FS1-1/2-140	Rusco 2" Replacement Screen - 140 Mesh	
65.87	RUS FS2-140		

PRICE	ORDER	DESCRIPTION
A- WATER HEATER CONTROLS - ELEMENTS		
A- 193.14	A- AOS 9007884005	Natural Gas Valve for All GGV/GCV Models, Series 300
242.29	AOS 9007899005	Burner/Door Assembly for GGV/GCV40, Series 300
242.29	AOS 9007905005	Burner/Door Assembly for GGV/GCVL40, Series 300
242.29	AOS 9007908005	Burner/Door Assembly for GGV/GCV50, Series 300
33.23	AOS 9007876005	Pilot Assembly with Tubing for All GGV/GCV, Series 300
54.00	AOS 9007872005	Thermopile for All GGV/GCV, Series 300
202.14	AOS 9007890005	LP Gas Valve for All GGV/GCV, Series 300
154.47	AOS 9004703105	Natural Gas Thermostat Control With 1-1/4" Long Shank
342.71	AOS 9004713105	LP Gas Thermostat Control With 1-1/4" Long Shank
158.32	AOS 9004353105	Natural Gas Thermostat Control With 2-1/2" Long Shank
61.05	AOS 9002856015	Upper Thermostat With Reset 180°
55.03	AOS 9002857015	Lower Thermostat 180°
26.01	AOS 9004716115	Upper Electric Heater Thermostat
18.66	AOS 9004714115	Lower Electric Heater Thermostat
42.61	AOS 9004428115	Upper Thermostat With Limit
23.64	AOS 9003741005	Deep Shank Relief Valve
10.87	AOS 700338-001	3/4IN Poly Relief Valve Tube
26.44	AOS 9004668105	4500W 240V Corrogard Flanged Heater Element
60.94	AOS 9004725105	4500W 240V Phoenix Flanged Heater Element
47.77	AOS 9003210005	4500W 240V Phoenix Screw Heater Element
48.06	AOS 9000664105	3000W 240V Phoenix Screw Heater Element
43.17	AOS 9004291105	2500W 240V Phoenix Screw Heater Element
45.68	AOS 9004283105	2000W 240V Phoenix Screw Heater Element
48.29	AOS 9004279105	1500W 240V Phoenix Screw Heater Element
22.47	AOS 9003950105	4500W 240V Corrogard Screw Heater Element
31.36	AOS 9004715115	170 Degree Thermostat
163.08	AOS 9003626005	HSI Ignitor for 'FPSH' Models, Series 270-271 & 'GPSH' Models
525.79	AOS 9004240005	Gas Valve for 'FPSH' Models, Series 270-271, Nat. Gas & 'GPSH' Models
533.58	AOS 9004310105	Gas Valve for 'FPSH' Models, Series 270-271, LP Gas & 'GPSH' Models
72.19	AOS 9003542005	Nat. Gas Pilot Assembly for GGV/GCV30, 40, & GCVL40
65.05	AOS 9003521005	Nat. Gas Pilot Assembly for GGV/GCV30, XGV40, 50
65.05	AOS 9003455105	LP Gas Pilot Assembly for GGV/GCV30, GCVL40
65.05	AOS 9003472105	LP Gas Pilot Assembly for GGV/GCV40 Only
65.05	AOS 9003544105	LP Gas Pilot Assembly for GCVL30, XGV40
178.37	AOS 9003407105	Nat. Gas Valve GGV/GCV, GCVL Models
386.09	AOS 9003408105	LP Gas Valve GGV/GCV, GCVL Models
178.29	AOS 9006017015	Air Pressure Switch - GPVH
91.15	AOS 9006029015	Flammable Vapor Sensor - GPVH
122.65	AOS 9005958005	HSI Ignitor /Flame Sensor - GPVH
460.82	AOS 9005962005	Natural Gas Valve - GPVH
171.13	AOS 9006655005	Natural Gas Valve - GCV Series 200
129.99	AOS 9006620005	Burner/Door Assembly - GCV Series 200



Water Heater Energy Factor Chart for A.O. Smith and AquaPro Water Heaters

Gas MODEL	Energy Factor	Gas MODEL	Energy Factor	
FCG75	.48	GAHH40	.70	
AquaPro		GAHH50	.70	
	GGV4N	GPVH40	.65	
	GGV5N	GPVH50	.65	
		GCV40	.60	
Electric MODEL	Energy Factor	Electric MODEL	Energy Factor	
EJC 6	---	ECT40	.90	
ELJC20	---	ECT80	.86	
ECL30	.93	AquaPro		
ECLN40	.92		EMC52	.90
ECS30	.93			
ECS40	.92			
ECS50	.90			



ITEMS MAKING THEIR FIRST APPEARANCE IN THIS CATALOG HAVE THEIR PART NUMBERS SHADED FOR QUICK IDENTIFICATION!

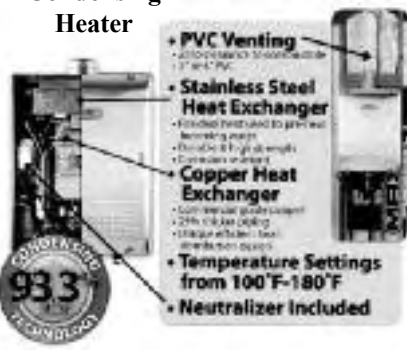
A.I.McDERMOTT CO.

NORITZ TANKLESS GAS WATER HEATERS

PRODUCT	DESCRIPTION	ORDER	PRICE	
A NRC111 Series Condensing Tankless Heater NR98SV Series Tankless Heater	A - NORITZ TANKLESS RESIDENTIAL GAS WATER HEATERS "TANKLESS IS GREEN - SAVE ENERGY - SAVE MONEY" 1 Pipe Stainless Steel Vent Heater - Nat Gas 93.3% Efficient 2 Pipe PVC Vent Heater - Nat Gas 93.3% Efficient 2 Pipe PVC Vent Heater - LP Gas 93.3% Efficient 1 Pipe PVC Vent Heater - Nat Gas 93.3% Efficient 1 Pipe PVC Vent Heater - LP Gas	A-NTZNR111SVNG NTZNR111DVNG NTZNR111DVLP NTZNR111SVNG NTZNR111SVLP NTZNR98DVCNG NTZNR98DVCLP NTZNR98SVNG NTZNR98DVNG NTZNR98DVLP NTZNR71SVNG NTZNR71SVLP	A- 2,927.28 2,615.62 2,615.62 2,615.62 2,615.62 1,949.22 1,973.02 1,973.02 2,277.66 2,277.66 1,544.62 1,544.62	
	B Isolation Valve Kit Flow Aide Descaler Kit	1 Pipe Concentric Vent Heater - Nat Gas 1 Pipe Concentric Vent Heater - LP Gas NORITZ HEATER ACCESSORIES Flow Aide Descaler Kit with Pump 1 Quart Flow Aide Descaler Solution Clear Filter Housing for the AMPWPC Filter Scale/Iron Filter for Tankless Heaters Application - 5 GPM	B-JCWFLOWKIT JCWFLOW32 AMPWC34-PR AMPWPC	B- 255.95 23.40 57.55 97.16
		(The AMPWC34-PR and the AMPWPC Should be used as a Minimum Treatment Device in the Cold Water Line Going into the Tankless Heater when a Water Softener is NOT Present) NORITZ VENT PIPE & FITTINGS Isolation Valve Kit w/Relief Valve 4" PVC Vent Adapter for Model 841 Side Vent PVC Termination Kit with Birdscreen 4" Stainless Steel Drip Tee w/Condensate Drain 4" X 6" Stainless Steel Straight Length Vent Pipe 4" X 12" Stainless Steel Straight Length Vent Pipe 4" X 24" Stainless Steel Straight Length Vent Pipe 4" X 36" Stainless Steel Straight Length Vent Pipe 4" X 48" Stainless Steel Straight Length Vent Pipe 4" Stainless Steel 90 Degree Vent Ell 4" Stainless Steel 45 Degree Vent Ell 4" Stainless Steel Adjustable Vent Termination Pipe - 9" to 13.4" 4" Stainless Steel Adjustable Vent Termination Pipe - 7" to 9.4" 4" Stainless Steel Wall Thimble w/Hood Term 4" 1Pipe Horizontal Vent Kit for 8" Wall Horizontal Concentric Vent Kit for Model 83DVC - 98DVC Horizontal Concentric Vent Kit for Model 841/842 4" Direct Vent Termination Pipe - Long - 8.5" to 12" Anti Scale Removal System Cartridge Only for H2Flow System	NTZIKWV7TH NTZVP4ADAPTVC NTZVT4PVCS NTZDT4 NTZVP4-6STR NTZVP4-12STR NTZVP4-24STR NTZVP4-36STR NTZVP4-48STR NTZVP4-90ELL NTZVP4-45ELL NTZVP4-13.4ADJ NTZVP4-9.4ADJ NTZWT4H7 NTZVK4-H-8-1 NTZCVK-H NTZVK3-H-PVC NTZVT4TL-8 NTZH2FLOW NTZH2FC	119.66 88.58 34.67 28.92 19.29 28.92 53.02 75.64 101.20 77.09 67.46 58.43 57.83 249.43 370.06 153.56 99.77 352.14 799.68 535.50
	 H2FLOW ANTI-SCALE SYSTEM			
	 NR98DVC Series Concentric Vented Heater			

NORITZ SIZING FLOW CHART (GPM)

NRC111 Series
NEW
Condensing Heater



Temp Rise (F°)	NC380 Series	NR111 Series	NRC111 Series	NR98 Series	NR83 Series	NR71 Series	NR66 Series
30	13.2	11.1	11.1	9.8	8.3	7.1	6.6
35	13.2	11.1	10.6	9.2	8.3	7.1	6.6
40	13.2	10.5	9.3	8.4	7.6	7.1	5.7
45	13.2	9.3	8.4	7.5	6.7	6.3	5.3
50	12.5	8.4	7.4	6.7	6.1	5.8	4.6
55	11.3	7.6	6.8	6.1	5.5	5.2	4.2
60	10.4	7.0	6.2	5.6	5.0	4.8	3.8
65	9.6	6.5	5.8	5.2	4.7	4.4	3.5
70	8.9	6.0	5.3	4.8	4.3	4.1	3.3
75	8.3	5.6	5.0	4.5	4.0	3.8	3.1
80	7.8	5.3	4.6	4.2	3.8	3.6	2.9
85	7.3	4.9	4.4	4.0	3.6	3.4	2.7
90	6.9	4.7	4.1	3.7	3.4	3.2	2.6
95	6.6	4.4	3.9	3.5	3.2	3.0	2.4
100	6.2	4.2	3.7	3.4	3.0	2.9	2.3



Oshkosh
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