

PRODUCT CATALOG 2020

INDUSTRIAL
COMMERCIAL

When there are price changes, we will always try to notify you at least two weeks in advance, although these prices should be considered subject to change without notice.

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BLUESHARK®

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BLUESHARK LINE® / FILTER AND CARTRIDGE HOLDER SYSTEM

FILTER HOLDER

Part Number	Description
TW-01	Housing with standard blue Bracket 10" - 1/2" Npt
TW-02	Housing with standard Clear Bracket 10" - 1/2" Npt
TW-HS1038B	Housing standard blue 10" - 3/8" Npt
TW-HS1038G	Housing standard Gray # 10 - 3/8" NPT
TW-HS1038C	Housing standard Clear # 10 - 3/8" NPT
TW-HS1012B	Housing standard blue # 10 - 1/2" NPT
TW-HS1012C	Housing standard Clear # 10 - 1/2" NPT
TW-HF1210G	Housing Hiflow Gray # 12" 1" NPT
TW-HF2010G	Housing Hiflow Gray # 20" 1" NPT
TW-HF2015G	Housing Hiflow Gray # 20" 1-1/2" NPT

HOUSING STANDAR BLUE



HOUSING STANDAR GRAY



HOUSING HIFLOW 20"



HOUSING HIFLOW 12"



BLUESHARK LINE® / FILTER AND CARTRIDGE HOLDER SYSTEM

RESIDENTIAL PUMP

Part Number	Description
TW-B50G	Pressurized pump for Reverse Osmosis

PRESSURIZED PUMP



BLUESHARK LINE® / FILTER AND CARTRIDGE HOLDER SYSTEM

CARTRIDGE - FILTER

Part Number	Description
TW-GAC	Granular Activated Carbon 2.5"X10"
TW-GAC10BB	Granular Activated Carbon 4.5"X10"
TW-GAC12BB	Granular Activated Carbon 4.5"X12"
TW-CB5	Block Carbon 2.5"x10" 5 micras
TW-CB	Block Carbon 2.5"X10" 10 micras
TW-CBSI	Coloidal Block Carbon 2.5"X10" 5 micras
TW01-10	Polypropylene settling cartridge 2 5/8"X10" 1 micra
TW05-10	Polypropylene settling cartridge 2 5/8"X10" 5 micras
TW01-20	Polypropylene settling cartridge 2.5"X20" 1 micra
TW05-20	Polypropylene settling cartridge 2.5"X20" 5 micras
TW01-30	Polypropylene settling cartridge 2.5"X30" 1 micra
TW05-30	Polypropylene settling cartridge 2.5"X30" 5 micras
TW01-40	Polypropylene settling cartridge 2.5"X40" 1 micra
TW05-40	Polypropylene settling cartridge 2.5"X40" 5 micras
TW05-10BB	Polypropylene settling cartridge BB - Hiflow® 4.5"X10" 5 micras
TW20-10BB	Polypropylene settling cartridge BB - Hiflow® 4.5"X10" 20 micras
TW05-12BB	Polypropylene settling cartridge BB - Hiflow® 4.5"X12" 5 micras
TW12-20BB	Polypropylene settling cartridge BB - Hiflow® 4.5"X12" 20 micras
TW05-20BB	Polypropylene settling cartridge BB - Hiflow® 4.5"X20" 5 micras
TW20-20BB	Polypropylene settling cartridge BB - Hiflow® 4.5"X20" 20 micras
TW-CSPL5	Pleated Settler Cartridge 2.5"X10" 5 micras
TW-CSPLBB5	Pleated Settler Cartridge BB - Hiflow® 4.5"X10" 5 micras
TW-CSPLBB20	Pleated Settler Cartridge BB - Hiflow® 4.5"X10" 20 micras
TW-CSPLBB1220	Pleated Settler Cartridge BB - Hiflow® 4.5"X12" 20 micras



BLUESHARK LINE® / TANKS AND PUMPS

BLUESHARK HIDROPNEUMATIC TANK®

BLUESHARK® hydrophneumatic tanks are ideal for FDA-approved irrigation applications, reinforcement systems, shallow jet pumps and centrifugal pump configurations.

Part Number	Description
TW20S	Hidropneumatic Tank 24 Liters
TW25S	Hidropneumatic Tank 36 Liters
TW60S	Hidropneumatic Tank 53 Liters
TW80S	Hidropneumatic Tank 80 Liters
TW100S	Hidropneumatic Tank 100 Liters



BLUESHARK LINE® / REVERSE OSMOSIS SYSTEMS

REVERSE OSMOSIS EQUIPMENT BLUESHARK® HIGH RECOVERY CD DELUXE SERIES

Part Number	Feed Pressure	% Recovery	% Reject	Capacity GPD	Membranes Number	Membranes Model	HP Pump Model	HP Pump	Flush
AWS-2000*	40-60 PSI	50%	98-99.5%	1400-2200	1	LP21-4040	5GBS05	0.5	Automatic
AWS-4000*	40-60 PSI	50%	98-99.5%	2800-4400	2	LP21-4040	5GBS07	3/4	Automatic
AWS-6000*	40-60 PSI	50%	98-99.5%	4200-6600	3	LP21-4040	7GBS10	1	Automatic
AWS-8000*	40-60 PSI	50%	98-99.5%	5600-8800	4	LP21-4040	7GBS10	1	Automatic

REVERSE OSMOSIS EQUIPMENT BLUESHARK® HIGH RECOVERY CD DELUXE SERIES

Part Number	Feed Pressure	% Recovery	% Reject	Capacity GPD	Membranes Number	Membranes Model	HP Pump Model	HP Pump	Flush
AWS-10000*	40-60 PSI	50-75%	98-99.5%	7000- 11000	5	LP21-4040	18GBS20	2.0	Automatic
AWS-12000*	40-60 PSI	50-75%	98-99.5%	8400-13200	6	LP21-4040	18GBS20	2.0	Automatic

REVERSE OSMOSIS EQUIPMENT BLUESHARK® HIGH RECOVERY CD DELUXE SERIES

Part Number	Feed Pressure	% Recovery	% Reject	Capacity GPD	Membranes Number	Membranes Model	HP Pump Model	Flush
AWS-16000*	40-60 PSI	50-75%	98-99.5%	16000-20000	8	ESPA2-LD-4040	3	Automatic
AWS-20000*	40-60 PSI	50-75%	98-99.5%	12800-16000	10	ESPA2-LD-4040	3	Automatic
AWS-24000*	40-60 PSI	50-75%	98-99.5%	19200-24000	12	ESPA2-LD-4040	3	Automatic

* Equipment designed with pressure vessels in stainless steel or fiberglass, LG® membrane and Goulds® pump.

* High efficiency equipment and low energy consumption.

* Code SS: Pressure vessels in stainless steel and FRP: Pressure vessels in fiberglass



CDAR-4000FV



CDVAR 12000FV



CDHAR - 24000FV

BLUESHARK LINE® / REVERSE OSMOSIS SYSTEMS

PARTS AND ACCESORIES

ELECTRONIC COMPONENTS

Part Number	Description
WTCSCD	Microprocessor for RO serie CD
RD-99HSI1002	Microprocessor Board for RO serie CD
BC-SM-14C-8F/QC	Low Pressure Switch for RO serie CD

ROTAMETERS

Part Number	Description	Size	Connection	Mounting
F55375L	Blue & White Rotameter	.1 a 1	3/8"	Panel
F55376L	Blue & White Rotameter	.2 a 2	3/8"	Panel
F55500L	Blue & White Rotameter	.5 a 5	1/2"	Panel
F55750L	Blue & White Rotameter	1 a 10	3/4"	Panel
F55200L	Blue & White Rotameter	2 a 10	1"	Panel
F55375LA	B&W Rotameter frontal valve	.1 a 1	3/8"	Recirculation
F55376LA	B&W Rotameter frontal valve	.2 a 2	3/8"	Recirculation
F55500LA	B&W Rotameter frontal valve	.5 a 5	1/2"	Recirculation
F451001LHN	Blue & White Rotameter	1 a 10	1"	On Line
F451002LHN	Blue & White Rotameter	2 a 20	1"	On Line
F451003LHN	Blue & White Rotameter	3 a 30	1"	On Line
F451004LHN	Blue & White Rotameter	4 a 40	1"	On Line
F452060LHN	Blue & White Rotameter	6 a 60	2"	On Line
F452080LHN	Blue & White Rotameter	8 a 80	2"	On Line
F452100LHN	Blue & White Rotameter	10 a 100	2"	On Line
F42130LHN	Blue & White Rotameter	20 a 130	2"	On Line

BLUESHARK LINE® / FIBERGLASS TANKS

FIBERGLASS TANKS

Blueshark® tanks are manufactured in one piece with leak-resistant high density polyethylene coating for their encapsulated polymer engineering.

Tanks feature a reinforced fiberglass construction, offering excellent performance and durability.

Available from 8" x 17" to 48" x 72" with a variety of different configurations, designed to give you years of worry-free performance

Part Number	Description	Tank Mouth	FT3	Weight (kgs)
S0817-2.5-BL-PNR	Tank 8" x 17" STD-BASE blue color	2.5 T	.25 FT3	0.45
S0844-2.5-BL-PNR	Tank 8" x 44" STD-BASE blue color	2.5 T	.75 FT3	0.93
S0948-2.5-BL-PNR	Tank 9" x 48" STD-BASE blue color	2.5 T	1 FT3	6
S1054-2.5-BL-PNR	Tanque 10" x 54" STD-BASE color Azul	2.5 T	1.5 FT3	8
S1252-2.5-BL-PNR	Tank 12" x 52" STD-BASE blue color	2.5 T	2 FT3	9
S1354-2.5-BL-PNR	Tank 13" x 54" STD-BASE blue color	2.5 T	2.5 FT3	10
S1465-4T-BL-PNR	Tank 14" x 65" STD-BASE blue color	4 T	3 FT3	16
S1665-4T-BL-PNR	Tank 16" x 65" STD-BASE blue color	4 T	4 FT3	20
S1865-4T-BL-PNR	Tank 18" x 65" STD-BASE blue color	4 T	5 FT3	34
S2162-4T-BL-PNR	Tank 21" x 62" STD-BASE blue color	4 T	7 FT3	45
S2472-4T-BL-PNR	Tank 24" x 72" STD-BASE blue color	4 T	10 FT3	70
S3072-6TBFLG-GY	Tank 30" x 72" TRIPOD-BASE Grey color	T 6 FLG/ B 6FLG	15 FT3	120
S3672-6TBFLG-GY	Tank 36" x 72" TRIPOD-BASE grey color	T 6 FLG/ B 6FLG	20 FT3	146
S4272-6TBFLG-GY	Tank 42" x 72" TRIPOD-BASE grey color	T 6 FLG/ B 6FLG	30 FT3	340
S4872-6TBFLG-GY	Tank 48" x 72" TRIPOD-BASE grey color	T 6 FLG/ B 6FLG	40 FT3	390

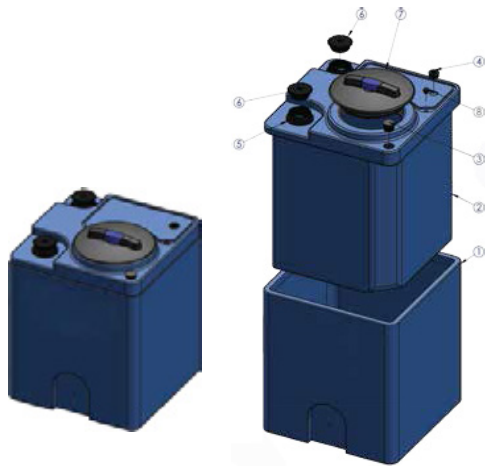


BLUESHARK LINE® / CHEMICALS PRODUCT TANKS

This Chemical Tank has the same characteristics and benefits of a cylindrical tank, but 22% larger capacity as a cylindrical tank of the same size. Plastic tanks are an excellent choice when looking for safe storage of chemicals and other products where a secondary containment system is desired.

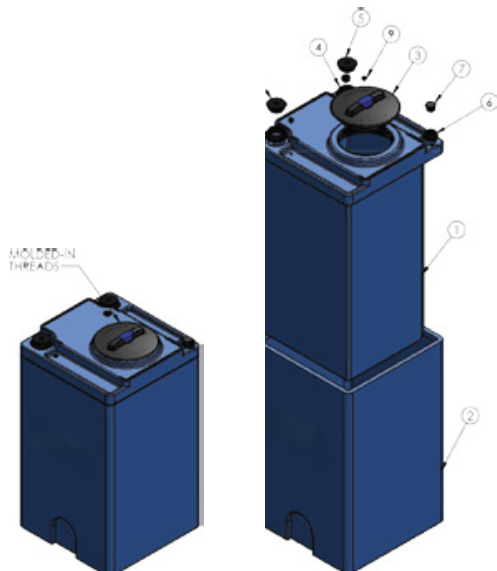
Part Number	Description
TW-TPQ20GL	Chemical tank product 20 gallons
TW-TPQ40GL	Chemical tank product 40 gallons

CAPACITY 20 GALLONS



TOP LEVEL ASSEMBLY		
ITEM NO.	DESCRIPTION	QTY.
1	GEMINI ² , 20G SECONDARY TANK	1
2	GEMINI ² , 20G PRIMARY TANK	1
3	Ø1" MPT PLUG, PE, BLACK	1
4	1-1/4" CAPLUG / GROMMET SUB-ASSY	1
5	Ø2" FNPT SPIN WELD FITTING, PE	2
6	Ø2" MPT PLUG, PE, BLACK	2
7	Ø8" TWIST LID ASSEMBLY	1
8	RED CAPLUG / O-RING SUB-ASSY	1

CAPACITY 40 GALLONS



TOP LEVEL ASSEMBLY		
ITEM NO.	DESCRIPTION	QTY.
1	40G GEMINI ² , PRIMARY TANK	1
2	40G GEMINI ² , SECONDARY TANK	1
3	Ø10" OD / 8" ID TWIST LID ASSY	1
4	Ø2" FNPT SPIN WELD FITTING, PE	2
5	Ø2" MPT PLUG, PE, BLACK	2
6	Ø1" FNPT SPIN WELD FITTING, PE	1
7	Ø1" THREADED PLUG, PE	1
8	Ø1-1/4" CAPLUG / GROMMET ASSY	1
9	RED CAPLUG / O-RING ASSY	2



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PENTAIR LINE® / MEMBRANE HOLDER CODELINE

HOUSING MEMBRANE CODELINE 4"

Part Number	Description	Size	Elements	Configuration
CH40441W	Fiberglass Pressure Vessel	4"	1	End port
GA41051	Fiberglass Pressure Vessel	4"	2	Side Port 2C/6C

ACCESORIES FOR HOUSING MEMBRANE 4"

Part Number	Description
GA94665	Caps for Membrane Holder 40E30N
CH50234	Caps for Membrane Holder 40A
CH45260	Stainless safe for Membrane Holder 40E, 40A
CH45058	Universal Base for Membrane Holder of 4"
CH47459	Universal Base for Membrane Holder of 4"

MEMBRANE HOLDER CODELINE 8"

Part Number	Description	Size	Elements	Configuration
GA41052	Fiberglass Pressure Vessel	8"	1	Side Port 2D/6D
GA40900	Fiberglass Pressure Vessel	8"	2	Side Port 1D/5D
GA40732	Fiberglass Pressure Vessel	8"	3	Side Port 1D/5D
GA41122	Fiberglass Pressure Vessel	8"	4	Side Port 1E3E5E7E
GA41116	Fiberglass Pressure Vessel	8"	5	Side Port 1E3E5E7E
GA40738	Fiberglass Pressure Vessel	8"	6	Side Port 1E3E5E7E

ACCESORIES FOR HOUSING MEMBRANE

Part Number	Description
CH52024-1K	Cap for Membrane Holder 8 0A30 1" NPT
CH52024-3K	Cap for Membrane Holder 8 0A45 1 NPT
CH50161	Membrane Cap Adapter
CH45321	Seal for Membrane Holder 80A30 (445 EPDM)
CH47336	Stainless safe for Holder Membrane 8"
CH52169	Universal Base 8"
CH45042	Universal Clamp 8" acero inox. 304
GA96243	Cap for Membrane Holder 8 0S30
GA94157	Cap for Membrane Holder 8 0S30 ASME
GA96000	Seal for Membrane Holder 80A30 (445 EPDM)



PENTAIR LINE® /AQUAL LINE HIGHFLOW



Max-T High Flow Cartridge Filter

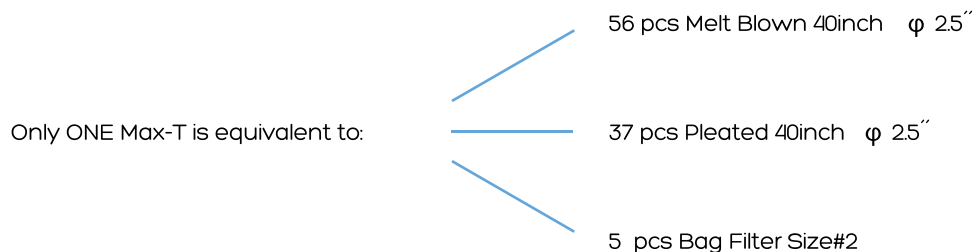
Applications:

- Pre RO Desalination
- Oil & Gas
- Power Generation Condensate System
- Petrochemicals
- Food & Beverage
- Pharmaceutical
- Automotive

Features & Advantages:

- 6.75 inch outer diameter provides superior flow rate up to 113m³/hr
- Pentair Aqualine replacement
- Inner PP core for high mechanical strength
- Multiple pleated layers construction
- Wide range chemical compatibility
- Labor-saving & quick change design & smaller foot space

Benefits:



PENTAIR LINE® /AQUAL LINE HIGHFLOW

Technical Data:

Materials

Filter Media:	Polypropylene
Outer Netting:	Polypropylene
End caps:	Polypropylene
Gasket:	EPDM / Viton / Silicone / Buna-N

Size

Length:	60inch / 40inch
Outside Diameter:	6.75inch

Filtration Area:	13.8 m ² @60 inch , 9.2 m ² @40inch
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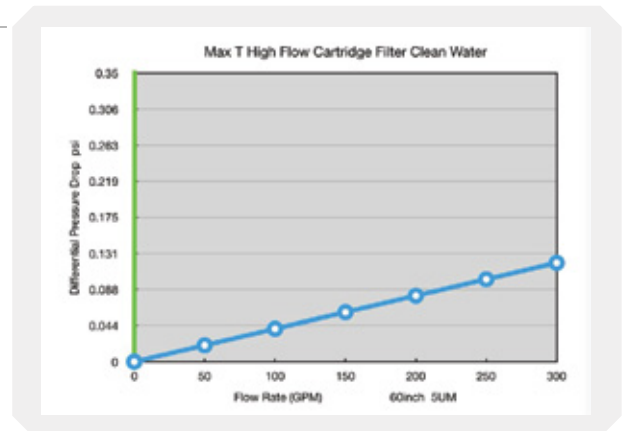
Technical Data:

Flow Rate

	Max. Flow Rate	Recommended Flow Rate
60inch	113m ³ /hr	57m ³ /hr
40inch	75m ³ /hr	40m ³ /hr

Operation Conditions

Max. Temperature:	~70°C
Recommended Differential Pressure for change-out:	1.8-2.1bar



Ordering Information:

BF-HFT	-60	-PP	-N5	-S
Model	Length	Pleated Material	Micron Rating	O-ring
High Flow Max-T	60=60inch 40=40inch	PP=polypropylene	N1=1um	S=Silicone E=EPDM V=Viton B=Buna N
			N3=3um	
			N5=5um	
			N10=10um	
			N20=20um	
			N50=50um	
			A1=1um Absolute	
			A3=3um Absolute	
			A5=5um Absolute	
			A10=10um Absolute	
			A20=20um Absolute	

PENTAIR LINE® /AQUAL LINE HIGHFLOW

HIGHFLOW

Part Number	Description	Qty
GA17085	AQUALINE HOUSING, 60 X 6.75", 150 GPM, 150 PSI	1
TW-AQ6001	POLYPROPYLENE HIGH FLOW CARTRIDGE 1 MICRA	1
TW-AQ6001	POLYPROPYLENE HIGH FLOW CARTRIDGE 5 MICRONS	1





CATALOG
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CLACK® / DIGITAL CLACK VALVE SERIE MV1

CLACK VALVE MV, TURBIDEX FILTERS SOFTNER FOR TIME

Part Number	Valve and Configuration		Mounting Base	IN-OUT Connection	Service Flow	Back Wash Flow	Central Distributor	Drain
	Model	Turbidex Filter						
WTMV1TCBTZ34	MV	9"-12"	9"-13"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"
WTMV1TCBTZ1	MV	13"-16"	14"-16"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"

CLACK VALVE MV, SOFTNER FOR TIME

Part Number	Valve and Configuration		Mounting Base	IN-OUT Connection	Service Flow	Back Wash Flow	Central Distributor	Drain
	Model	Size						
WTMV1TCBTZ34	MV	9"-18"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	3/4"
WTMV1TCBTZ1	MV	21"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	1"

CLACK VALVE MV, SOFTNER WITH FLOWMETER

Part Number	Valve and Configuration		Mounting Base	IN-OUT Connection	Service Flow	Back Wash Flow	Central Distributor	Drain
	Model	Size						
WTSMVMV134	MV	9"-18"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	3/4"
WTSMVMV11	MV	21"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	1"

Note.

Every Clack digital valve is fitted with the necessary accessories according to the need for installation. Connection for drain, flow controller (dlfc), top distributor. All WS1MV series include by pass and cement connections. It is important when ordering your Clack digital valve to specify to your seller the tank model where you will install the valve to fit the necessary components.



CLACK® / DIGITAL CLACK VALVE FOR FILTERS

CLACK VALVE FOR SOFTENER BY TIME

Part Number	Valve and Configuration			Mounting Base	IN-OUT Connection	Service Flow	Back Wash Flow	Central Distributor	Drain
	Model	Turbidex Filter	Carbon Filter						
WTWS1TCBTZ34	WS1TC	9"-12"	9"-13"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	3/4"
WTWS1TCBTZ1	WS1TC	13"-16"	14"-16"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	1"
WTWS125TCBTZ1	WS125TC	14"-18"	14"-21"	2 1/2" - 8 NPSM	1-1/4" - 1-1/2"	34 GPM	32 GPM	1"	1"
WTWS125TCBTZ15	WS125TC	21"	-----	2 1/2" - 8 NPSM	1-1/4" - 1-1/2"	34 GPM	32 GPM	1"	1-1/2"
WTWS15EEBTZ1	WS15EE	16"-18"	16"-21"	4"-8"UN	1-1/2"	60 GPM	50 GPM	1-1/2"	1"
WTWS15EEBTZ15	WS15EE	21"-24"	24"	4"-8"UN	1-1/2"	60 GPM	50 GPM	1-1/2"	1-1/2"
WTWS2EEBTZ2	WS2EE	30"	30-36"	4"-8"UN	2"	115 GPM	80 GPM	1-1/2"	2"
WTWS2HBTZ2	WS2H	30"	30-36"	6" Flange	2"	125 GPM	125 GPM	2"	2"
WTWS2HBTZ25	WS2H	36"	-----	6" Flange	2"	125 GPM	125 GPM	2"	2-1/2"
WTWS2HBTZ3	WS2H	42"	42"	6" Flange	2"	125 GPM	125 GPM	2"	3"
WTWS3BTZ25	WS3	36"	36"	6" Flange	3"	250 GPM	220 GPM	3"	2-1/2"
WTWS3BTZ3	WS3	42"	42-48"	6" Flange	3"	250 GPM	220 GPM	3"	3"
WTWS3BTZ4	WS3	48"	63"	6" Flange	3"	250 GPM	220 GPM	Ω3"	4"

WS1EE



WS15EE



WS1TC



WS2EE



WS1.25EE



WS2H



WS1.25TC



WS3



NOTE:

Every Clack digital valves are fitted with the necessary accessories according to the need for installation.

Connection for drain, flow controller (dfc), top distributor. All WS1 and WS125 series include by pass and cement connections.

It is important when ordering your Clack digital valve to specify to your seller the tank model where you will install the valve to fit the necessary components.

CLACK® / DIGITAL CLACK VALVE FOR SOFTENER

CLACK VALVE FOR SOFTENER BY TIME

Part Number	Valve Model	Softener Filter Configuration	Mounting Base	IN-OUT Connection	Service Flow	Back Wash Flow	Central Distributor	Drain
WTSWS1TC34	WS1TC	9"-18"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	3/4"
WTSWS1TC1	WS1TC	21"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	1"
WTSWS125TC34	WS125TC	12"-18"	2 1/2" - 8 NPSM	1-1/4" - 1-1 / 2"	34 GPM	32 GPM	1"	3/4"
WTSWS125TC1	WS125TC	21"	2 1/2" - 8 NPSM	1-1/4" - 1-1/2"	34 GPM	32 GPM	1"	1"
WTSWS15EETC34	WS15EE	14"-18"	4"-8"UN	1-1/2"	60 GPM	50 GPM	1-1/2"	3/4"
WTSWS15EETC1	WS15EE	21"-24"	4"-8"UN	1-1/2"	60 GPM	50 GPM	1-1/2"	1"
WTSWS2EETC1530	WS2EE	30"	4"-8"UN	2"	115 GPM	80 GPM	1-1/2"	1-1/2"
WTSWS2EETC1536	WS2EE	36"	4"-8"UN	2"	115 GPM	80 GPM	1-1/2"	1-1/2"
WTSWS2EETC242	WS2EE	42"	4"-8"UN	2"	115 GPM	80 GPM	1-1/2"	2"
WTSWS2EETC248	WS2EE	48"	4"-8"UN	2"	115 GPM	80 GPM	1-1/2"	2"
WTSWS32	WS3	36"-42"	6"Flange	3"	250 GPM	220 GPM	3"	2"
WTSWS325	WS3	48"	6"Flange	3"	250 GPM	220 GPM	3"	3"

CLACK VALVES FOR SOFTENER WITH FLOW METER

Part Number	Valve Model	Softener Filter Configuration	Mounting Base	IN-OUT Connection	Service Flow	Back Wash Flow	Central Distributor	Drain
WTSMWS1EE34	WS1EE	9"-18"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	3/4"
WTSMWS1EE1	WS1EE	21"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	1"
WTSMWS125EE34	WS125EE	12"-18"	2 1/2" - 8 NPSM	1-1/4" - 1-1 / 2"	34 GPM	32 GPM	1"	3/4"
WTSMWS125EE1	WS125EE	21"	2 1/2" - 8 NPSM	1-1/4" - 1-1 / 2"	34 GPM	32 GPM	1"	1"
WTSMWS15EE34	WS15EE	14"-18"	4"- 8 UN	1-1/2"	60 GPM	50 GPM	1-1/2"	3/4"
WTSMWS15EE1	WS15EE	21"-24"	4"- 8 UN	1-1/2"	60 GPM	50 GPM	1-1/2"	1"
WTSMWS2EE1530	WS2EE	30"	4"- 8 UN	2"	115 GPM	80 GPM	1-1/2"	1-1/2"
WTSMWS2EE1536	WS2EE	36"	4"- 8 UN	2"	115 GPM	80 GPM	1-1/2"	1-1/2"
WTSMWS2EE1542	WS2EE	42"	4"- 8 UN	2"	115 GPM	80 GPM	1-1/2"	2"
WTSMWS2EE1548	WS2EE	48"	4"- 8 UN	2"	115 GPM	80 GPM	1-1/2"	2"
WTSMWS2H15	WS2EE	30"	6" Flange	2"	125 GPM	125 GPM	2"	1 1/2"
WTSMWS2H2	WS2H	36"-48"	6" Flange	2"	125 GPM	125 GPM	2"	2"
WTSMWS3H242	WS3	36"-42"	6"Flange	3"	250 GPM	220 GPM	3"	2"
WTSMWS3H248	WS3	48"	6"Flange	3"	250 GPM	220 GPM	3"	2 1/2"

CLACK® / DIGITAL CLACK VALVE FOR ALTERNATE TWIN SOFTENER

Part Number	Valve Model	Softener Filter Configuration	Mounting Base	IN-OUT Connection	Service Flow	Back Wash Flow	Central Distributor	Drain
WTSGWS1EE341316	WS1EE	9"-16"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	3/4"
WTSGWS1EE3418	WS1EE	18"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	3/4"
WTSGWS1EE1	WS1EE	21"	2 1/2" - 8 NPSM	3/4" - 1"	27 GPM	27 GPM	3/4"	1"
WTSGWS125EE1	WS125EE	12"-16"	2 1/2" - 8 NPSM	1-1/4" - 1-1 / 2"	34 GPM	32 GPM	1"	3/4"
WTSGWS125EE118	WS125EE	18"	2 1/2" - 8 NPSM	1-1/4" - 1-1 / 2"	34 GPM	32 GPM	1"	3/4"
WTSGWS125EE121	WS125EE	21"	2 1/2" - 8 NPSM	1-1/4" - 1-1 / 2"	34 GPM	32 GPM	1"	1"
WTSGWS15EE34	WS15EE	14"-18"	4" - 8 UN	1-1/2"	60 GPM	50 GPM	1-1/2"	1-1/2"
WTSGWS15EE1	WS15EE	21"-24"	4" - 8 UN	1-1/2"	60 GPM	50 GPM	1-1/2"	1-1/2"
WTSGWS2EE1530	WS2EE	30"	4" - 8 UN	2"	115 GPM	80 GPM	1-1/2"	1-1/2"
WTSGWS2EE1536	WS2EE	36"	4" - 8 UN	2"	115 GPM	80 GPM	1-1/2"	2"
WTSGWS2EE1542	WS2EE	42"	4" - 8 UN	2"	115 GPM	80 GPM	1-1/2"	2"
WTSGWS2EE1548	WS2EE	48"	4" - 8 UN	2"	115 GPM	80 GPM	1-1/2"	2"
WTSGWS2H2	WS2H	30"	6"Flange	2"	125 GPM	125 GPM	2"	1-1/2"
WTSGWS2H3	WS2H	36"-48"	6"Flange	2"	125 GPM	125 GPM	2"	2"
WTSGWS325	WS3	36"	6"Flange	3"	250 GPM	220 GPM	3"	2"
WTSGWS33	WS3	42"-48"	6"Flange	3"	250 GPM	220 GPM	3"	2"



NOTE:

Every Clack digital valve is fitted with the necessary accessories according to the need for installation. Connection for drain, flow controller (dlfc), top distributor. All WS1 and WS125 series include by pass and cement connections. It is important when ordering your Clack digital valve to specify to your seller the tank model where you will install the valve to fit the necessary components.

CLACK® / CLACK VALVE WS2H AND WS3 FOR DUPLEX TRIPLEX AND QUADRUPLEX SOFTENER

CLACK VALVE WS2H AND WS3 FOR DUPLEX TRIPLEX AND QUADRUPLEX SOFTENER

Part Number	Valve and Configuration Model	Size	Mounting Base	IN-OUT Connection	Service Flow	Back Wash Flow	Central Distributor	Drain
WTSDWS2H30	WS2H	30"	6" Flange	2"	125 GPM	125 GPM	2"	1 1/2"
WTSDWS2H36	WS2H	36"	6" Flange	2"	125 GPM	125 GPM	2"	2"
WTSDWS2H42	WS2H	42"	6" Flange	2"	125 GPM	125 GPM	2"	2"
WTSDWS2H48	WS2H	48"	6" Flange	2"	125 GPM	125 GPM	2"	2"
WTSTWS2H30	WS2H	30"	6" Flange	2"	125 GPM	125 GPM	2"	1 1/2"
WTSTWS2H36	WS2H	36"	6" Flange	2"	125 GPM	125 GPM	2"	2"
WTSTWS2H42	WS2H	42"	6" Flange	2"	125 GPM	125 GPM	2"	2"
WTSTWS2H48	WS2H	48"	6" Flange	2"	125 GPM	125 GPM	2"	2"
WTSCWS2H30	WS2H	30"	6" Flange	2"	125 GPM	125 GPM	2"	1 1/2"
WTSCWS2H36	WS2H	36"	6" Flange	2"	125 GPM	125 GPM	2"	2"
WTSCWS2H42	WS2H	42"	6" Flange	2"	125 GPM	125 GPM	2"	2"
WTSCWS2H48	WS2H	48"	6" Flange	2"	125 GPM	125 GPM	2"	2"

CLACK VALVE WS3 FOR DUPLEX, TRIPLEX AND QUADRUPLEX SOFTENER

Part Number	Valve and Configuration Model	Size	Mounting Base	IN-OUT Connection	Service Flow	Back Wash Flow	Central Distributor	Drain
WTSDWS336	WS3	36"	6" Flange	3"	250 GPM	220 GPM	3"	2"
WTSDWS342	WS3	42"	6" Flange	3"	250 GPM	220 GPM	3"	2"
WTSDWS348	WS3	48"	6" Flange	3"	250 GPM	220 GPM	3"	2"
WTSTWS336	WS3	36"	6" Flange	3"	250 GPM	220 GPM	3"	2"
WTSTWS342	WS3	42"	6" Flange	3"	250 GPM	220 GPM	3"	2"
WTSTWS348	WS3	48"	6" Flange	3"	250 GPM	220 GPM	3"	2"
WTSCWS336	WS3	36"	6" Flange	3"	250 GPM	220 GPM	3"	2"
WTSCWS342	WS3	42"	6" Flange	3"	250 GPM	220 GPM	3"	2"
WTSCWS348	WS3	48"	6" Flange	3"	250 GPM	220 GPM	3"	2"

CLACK® / VALVE PARTS AND ACCESSORIES AND CONNECTIONS FOR WS1 AND WS1.25 VALVES

PARTS & ACCESSORIES

Part Number	Description
V3006	By pass for valves WS1-WS125
V3007	Set of threaded elbows 1" NPT/ PVC
V3007-01	Set of elbows for cementing 3/4" or 1" NPT / PVC
V3007-04	Straight connector set 1" NPT / PVC
V3007-05	Straight connector set 1 1/4" NPT / PVC
V3007-07	Set of straight connectors for cementing 1 1/4" ó 1 1/2"
V3007-15	John Guest Elbow Set QC 3/4"
V3007-17	John Guest Straight Connector Set QC 1"
V3191-01	Vertical Adapter for Bypass
V3467	Double female connection adapter for WS1/WS125

BRINE INJECTORS

Part Number	Description	Color	Size Tank Succión - Downflow
V3010-15E	Brine Injector 15E WS15 & WS2L	Black/Blue	16"
V3010-15F	Brine Injector 15F WS15 & WS2L	Black/Yellow	18"
V3010-15G	Brine Injector 15G WS15 & WS2L	Black/Green	21"
V3010-15H	Brine Injector 15H WS15 & WS2L	Black/Orange	24"
V3010-15Z	Injector Port Plug / WS15 & WS2LEE	Gray	NA
V3010-1C	Brine Injector 1C WS1 & WS125	Violet	8"
V3010-1D	Brine Injector 1D WS1 & WS125	Red	9"
V3010-1E	Brine Injector 1E WS1 & WS125	White	10"
V3010-1F	Brine Injector 1F WS1 & WS125	Blue	12"
V3010-1G	Brine Injector 1G WS1 & WS125	Yellow	13"
V3010-1H	Brine Injector 1H WS1 & WS125	Green	14"
V3010-1I	Brine Injector 1I WS1 & WS125	Orange	16"
V3010-1J	Brine Injector 1J WS1 & WS125	Light Blue	18"
V3010-1K	Brine Injector 1K WS1 & WS125	Light Green	21"
V3010-1Z	Injector Port Plug / WS1-WS125	Gray	NA
V3010-2A	Brine injector 2A WS2/2H/3	Black	18"
V3010-2B	Brine Injector 2B WS2/2H/3	Black	21"
V3010-2C	Brine Injector 2C WS2/2H/3	Black	24"
V3010-2D	Brine Injector 2D WS2/2H/3	Black	30"
V3010-2E	Brine Injector 2E WS2/2H/3	Black	36"
V3010-2F	Brine Injector 2F WS2/2H/3	Black	42"
V3010-2G	Brine Injector 2G WS2/2H/3	Black	48"
V3010-2H	Brine Injector 2H WS2/2H/3	Black	63"



CLACK® / CLACK VALVE PARTS AND ACCESSORIES

STAINLESS STEEL FLOW CONTROLLERS

Part Number	Description	Flow	Number of inserts
V3079	Flow controller without DLFC 1.25" MPT X 15" FPT	9 a 58	6 pz V3162* / 1 pz V3190*
V3080	Flow controller without DLFC 15" MPT X 15" FPT	9 a 85	6 pz V3162* / 1 pz V3190*
V3051	Flow controller without DLFC 2" x 2" FPT	7 a 150	5 pz V3162* / 4 pz V3190*
V3764	Flow controller without DLFC 3" NPT x 3" FPT	9 a 225	9 pz V3190*
V4057	Drain controller 3/4" (without DLFC)		
V3162-007	WS1 DLFC 0.7 GPM	(2.6 LPM)	use in controller of 3/4"
V3162-010	WS1 DLFC 10 GPM	(3.7 LPM)	use in controller of 3/4"
V3162-013	WS1 DLFC 13 GPM	(4.9 LPM)	use in controller of 3/4"
V3162-017	WS1 DLFC 17 GPM	(6.4 LPM)	use in controller of 3/4"
V3162-022	WS1 DLFC 2.2 GPM	(8.3 LPM)	use in controller of 3/4"
V3162-027	WS1 DLFC 2.7 GPM	(10.2 LPM)	use in controller of 3/4"
V3162-032	WS1 DLFC 3.2 GPM	(12.1 LPM)	use in controller of 3/4"
V3162-042	WS1 DLFC 4.2 GPM	(15.9 LPM)	use in controller of 3/4"
V3162-053	WS1 DLFC 5.3 GPM	(20.1 LPM)	use in controller of 3/4"
V3162-065	WS1 DLFC 6.5 GPM	(24.6 LPM)	use in controller of 3/4"
V3162-075	WS1 DLFC 7.5 GPM	(28.4 LPM)	use in controller of 3/4"
V3162-090	WS1 DLFC 9.0 GPM	(34.1 LPM)	use in controller of 3/4"
V3162-100	WS1 DLFC 10.0 GPM	(37.9 LPM)	use in controller of 3/4"
V3008-02	Inline Flow Controller for Drain of 1" (without DLFC)		
V3190-100	WS1 DLFC 10.0 GPM	(37.9 LPM)	use in controller of 1"
V3190-110	WS1 DLFC 11.0 GPM	(41.6 LPM)	use in controller of 1"
V3190-130	WS1 DLFC 13.0 GPM	(49.2 LPM)	use in controller of 1"
V3190-150	WS1 DLFC 15.0 GPM	(56.8 LPM)	use in controller of 1"
V3190-170	WS1 DLFC 17.0 GPM	(64.4 LPM)	use in controller of 1"
V3190-200	WS1 DLFC 20.0 GPM	(75.7 LPM)	use in controller of 1"
V3190-250	WS1 DLFC 25.0 GPM	(94.6 LPM)	use in controller of 1"

*Equipment calculated and designed with VONTRON LP21-4040 membrane

PVC AND DLFC FLOW CONTROLLERS FLO-ET®

Part Number	Description	Flow	Number of inserts
V7A151C1	Flow controller PVC 1-1/2" NPT (With DLFC)	20-40	4*
V7A201C1	Flow Controller PVC 2" NPT (With DLFC)	35-70	7*
V7A251C1	Flow Controller PVC 2-1/2" NPT (With DLFC)	45-90	9*
V7A301C1	Flow Controller PVC 3" NPT (With DLFC)	70-140	14*
V7A401C1	Flow Controller PVC 4" NPT (With DLFC)	125-250	25*
V7B62B5.0	DLFC 58B-13-535	5	-----
V7B62B6.0	DLFC 58B-14-568	6	-----
V7B62B7.0	DLFC 58B-15-568	7	-----
V7B62B8.0	DLFC 58B-16-568	8	-----
V7B62B9.0	DLFC 58B-16-602	9	-----
V7B62B10	DLFC 58B-17-602	10	-----
V7B82B12	DLFC 78B-20-58	12	-----
V7B82B15	DLFC 78B-22-62	15	-----
V7B82B20	DLFC 78B-24-74	20	-----

CLACK® / CLACK VALVE PARTS AND ACCESSORIES

EXTERNAL FLOWMETERS

Part Number	Description	Connection	Valve compatible
V3040-15	Flowmeter 15"	15" NPT M-F	WS15
V3094-15	Flowmeter 2"	2" NPT M-F	WS2EE/QC
V3095-15	Flowmeter 3"	3" NPT M-F	WS3

ALTERNATORS AND CONTROLS NO HARD WATER BY PASS

Part Number	Description	Connection	Valve compatible
V3069FF-01	Motorized Alternating Valve WS1 (3-Wire)	Fem-Fem	WS1/125
V3069MM-01	Motorized Alternating Valve WS1 (3-Wire)	Male-Male	WS1/125
V3071	Motorized Alternating Valve 15" (Rev-2)	15" NPT Fem	WS15
V3076	Motorized Alternating Valve 2"	2" NPT Fem	WS2EE/QC/WS2H
V3083	Motorized Alternating Valve 3"	3" NPT Fem	WS3
V3070FF	No Hard Water Bypass for valve WS1/WS125	Fem-Fem	WS1/125
V3070FM	No Hard Water Bypass for valve WS1/WS125	Fem-Male	WS1/125
V3097	15" No Hard Water Bypass Male x Female NPT	15" NPT Male-Fem	WS15
V3098	WS2 No Hard Water Bypass M x F NPT	2" NPT Male-Fem	WS2EE/QC/WS2H
V3099	WS3 No Hard Water Bypass M x F NPT	3" NPT Male-Fem	WS3



V3108TC-BOARD



V3108-09BOARD



CLACK® / CLACK VALVE PARTS AND ACCESSORIES

GENERAL SPARE PARTS

Part Number	Description
H4615	Standard Safety Clip
PKP10TS8-BULK	Hose Insert of 5/8"
V3003	Flowmeter for valves WS1-WS125
V3003-01	Plug for flow meter port WS1-WS125
V3004	Valve Drive Assembly WS1-WS125-WS15
V3005-02	Assembled seals and spacers for WS1
V3009	Auxiliary microswitch with accessories for use with WS1
V3011	Downflow piston for valves WS1
V3017	Auxiliary microswitch with accessories for use with WS2
V3055	Base 6" Flange for Valve WS2H / 2 QC
V3064	Base 4"-8 UN for Valve WS2H/2 QC
V3065	Assembled seals and spacers for WS2H
V3066	Valve Drive Assembly WS2H
V3082	Complete pod display for valves WS2H/3
V3090	Base 6" Flange for valves WS3
V3092	Assembled seals and spacers for WS3
V3093	Valve Drive Assembly WS3
V3108-11BOARD	Valve Card for WS1/WS125
V3174	Regenerating Piston WS1/WS12 5 /WS15
V3175-01	Front cover for valves WS1
V3175EE-01	Front cover for valves WS15
V3175TC-01	Front cover for valves WS1TC
V3175WC-W	Weather cover for valves WS1 (White)
V3176	Injector module cover
V3186	Transformer 120V-12V
V3192	Nut for flow controller 3/4"
V3193-02	WS1 Standard plastic key
V3195-01	Brine port plug
V3204-01	Piston for valves WS2H
V3238-01	Piston for valves WS2H/3
V3241-01BOARD	Display Card (POD) WS2H/3
V3242-01BOARD	Valve Card WS2H/3
V3243-01BOARD	Valve Card WS2H/3 with Relay
V3248	Display Cable (pod board) WS 2 H/3
V3260-02	Base for side mounting for valve WS2H/2 QC
V3407	Downflow piston for valves WS125/WS15
V3408EE-4TO5BRD	Valve Card serie EE 5DIG IT (WS1/125/15/2L/2EE)
V3430-01	Assembled seals and spacers for WS125/WS15/WS2L
V3461-01	Transformer 110v/20V for Valves WS2H/WS3
V3475-12	Communication cable 12 FT red WS2H/WS3
V3475-24	Communication cable 24 FT blue WS2H/WS3
V3475-36	Communication cable 36 FT Yellow WS2H/WS3
V3578HP-02BOARD	Valve Card WS1HP
V3666-01	Piston for valves WS3
V3674-02	Base for side mounting for valve WS3
V3725	Downflow piston for valves WS2/WS2QC
V3726	Brine piston for valves WS2/WS2QC
V3728	Valve Drive Assembly WS2
V3729	Sellos y espaciadores ensamblados para WS2
V3783WC-W	Weather cover for valves WS2
V3818TC-2TO4BRD	Valve Card serie TC WS1/WS125 - 2 to 4 digit conversion
V4051WC	Weather cover for valves WS2H/3

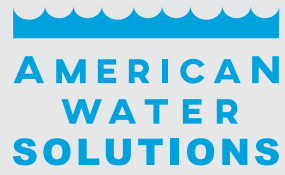
CLACK® / TANKS FOR BRINE

Part Number	Description	Size	Interiors
J7802	Brine Tank	11"X11"X38"	1600
J7522	Brine Tank	18" x 40"	1600
J72441C-474-01	Brine Tank	24" x 41"	1600
J72450C-474-01	Brine Tank	24" x 50"	1600
J73050C-494-01	Brine Tank	30" x 50"	1700
3948-1700	Brine Tank	39" x 48"	1700
3960-1700	Brine Tank	39" x 60"	1700

CHEMICAL TANKS

Part Number	Description	Color	Interiors
G21424PN7C00	Chemical Tank 14"x 24"	Natural	15 gal.
G21832PN7C00	Chemical Tank 18"x 32"	Natural	35 gal.
G21832BN7C00	Chemical Tank 18"x 32"	Blue	35 gal.





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LG NANO₂ LINE® / REVERSE OSMOSIS MEMBRANES

MEMBRANES FOR REVERSE OSMOSIS

HIGH SALES REJECTION CPA MODEL (BRACKISH WATER)

Part Number	Permeate Flow (gpd)	Size	Sales rejection	Nominal Membrane Area (ft ²)	TDS FEED ppm
LG BW 4040 R	2,500	4"X40"	99.6%	85	< 10,000
LG BW 4040 AFR	2500	4"X40"	99.6%	85	< 10,000
LG BW 400 R	10500	8"X40"	99.7%	400	< 10,000
LG BW 400 RG2	11,500	8"X40"	99.8%	400	< 10,000
LG BW 440 RG2	12,650	8"X40"	99.8%	440	< 10,000
LG BW 400 RG2	11,500	8"X40"	99.8%	400	< 10,000

ESPA MODELS - ENERGY SAVING HIGH REJECTION MEMBRANES

Part Number	Permeate Flow (gpd)	Size	Sales rejection	Nominal Membrane Area (ft ²)	TDS FEED ppm
LG BW 4040 ES	2500	4"X40"	99.5%	85	< 2,500
LG BW 4040 SF	2900	4"X40"	99.5%	85	< 2,500
LG MBW 4040 UES	2700	4"X40"	99.3%		< 1,500
LG BW 400 ES	12000	8"X40"	99.7%	400	< 2,500
LG BW 440 ES	12000	8"X40"	99.7%	440	< 2,500
LG BW 400 UES	11500	8"X40"	99.5%	400	< 2,500
LG BW 440 UES	12650	8"X40"	99.5%	440	< 2,500
LG BW 440 ES	11550	8"X40"	99.7%	440	< 2,500

LFC MODELS - LOW FOULING MEMBRANES

Part Number	Permeate Flow (gpd)	Size	Sales rejection	Nominal Membrane Area (ft ²)	TDS FEED ppm
LG BW 4040 AFR	2500	4"X40"	99.5%	85	< 10,000
LBG BW 400 RG2	11,500	8"X40"	99.8%	400	< 10,000

SWC MODELS - MEMBRANES FOR SEA WATER

Part Number	Permeate Flow (gpd)	Size	Sales rejection	Nominal Membrane Area (ft ²)	TDS FEED ppm
LG SW 400 SR	6,000	8"X40"	99.85%	400	< 60,000
LG SW 440 SR	6,600	8"X40"	99.85%	440	< 60,000
LG SW 400 R	9,000	8"X40"	99.85%	400	< 60,000
LG SW 440 R	9,900	8"X40"	99.85%	440	< 60,000
LG SW 400 ES	13,700	8"X40"	99.85%	400	< 60,000
LG SW 440 ES	15,070	8"X40"	99.85%	440	< 60,000
LG SW 400 GR	7,500	8"X40"	99.85%	400	< 60,000
LG SW 440 GR	8,250	8"X40"	99.85%	440	< 60,000
LG SW 400 GRG2	7,500	8"X40"	99.9%	400	< 60,002
LG SW 440 GRG2	8,250	8"X40"	99.9%	440	< 60,003





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DUPONT LINE® / REVERSE OSMOSIS MEMBRANES

BRACKISH WATER

Part Number	Permeate Flow (gpd)	Nominal Size	Sales Rejection	Nominal Membrane Area (ft2)
BW30XFR-400/34		8"X40"		400
BW30XFRLE-400/34i		8"X40"		400
ECO PRO-440i		8"X40"		440
BW30-400		8"X40"		400
BW30HR-440i		8"X40"		440
FORTILIFE™ CR100		8"X40"		400
LC HR-4040		4"X40"		80
BW30-4040		4"X40"		80

SEA WATER

Part Number	Permeate Flow (gpd)	Nominal Size	Sales Rejection	Nominal Membrane Area (ft2)
SW30XHR-400		8"X40"		400
SW30XLE-440i		8"X40"		440
SW30HRLE-440i		8"X40"		440
SW30XLE-400		8"X40"		400
SEAMAXX	9,050	8"X40"	99.5%	440
SW30-4040	1,950	4"X40"	99.4%	80





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SHELCO LINE® / INDIVIDUAL POLISHERS RH SERIES

Features

- In-line connection for easy installation
- Top base (head) and cup (body) made of 316L stainless steel. - Maximum operating pressure and temperature 150 psi/120oC
- Easy cartridge change

Part Number	Description	Flow	In/Out	Size
RHS-788 A	Shelco polishing filter	7 GPM	1"	9 3/4"
RHS-808 A	Shelco polishing filter	14 GPM	1"	20"
RHS-908 A	Shelco polishing filter	21 GPM	1"	30"

MULTI-CARTRIDGE POLISHERS IN STAINLESS STEEL 316

Features

- Made of 316-L steel
- Single clamp closure for quick cartridge change
- Features a sealing box on the filter body to ensure alignment and safe sealing
- Maximum operating pressure and temperature 150 psi/120oC
- Easy cartridge change

Part Number	Description	Flow	In/Out	Size
4FOS1-316	Shelco polishing filter	25 GPM	2"	10"
4FOS2-316	Shelco polishing filter	50 GPM	2"	20"
4FOS3-316	Shelco polishing filter	75 GPM	2"	30"
5FOS3-316	Shelco polishing filter	100 GPM	2"	30"
5FOS4-316	Shelco polishing filter	150 GPM	2"	40"
7FOS4-316	Shelco polishing filter	200 GPM	2"	40"
12FOS3-316	Shelco polishing filter	250 GPM	3"	30"
12FOS4-316	Shelco polishing filter	300 GPM	3"	40"

STAINLESS STEEL BAG FILTER POLISHERS. 316

Part Number	Description	Flow	In/Out	Size
BFS-1C-2-316	Shelco bag filter	90 GPM	2"	7" x 16"
BFS-2C-2-316	Shelco bag filter	180 GPM	2"	7" x 32"

FILTER BAG FOR LIQUIDS

Part Number	Description	Size
WTBPONG5P1WE	FILTER BAG 5 MICRONS	7" x 16"
WTBPONG5P2WE	FILTER BAG 5 MICRONS	7" x 32"
WTBPONG25P1WE	FILTER BAG 25 MICRONS	7" x 16"
WTBPONG25P2WE	FILTER BAG 25 MICRONS	7" x 32"
WTBPONG50P2WE	FILTER BAG 50 MICRONS	7" x 32"
WTBPONG100P2WE	FILTER BAG 100 MICRONS	7" x 32"





CATALOG
2020



CLACK® / TURBIDEX FILTERS WITH MV1 CLACK VALVE

Part Number	Operation Flow (gpm)				Turbidex ft3	Backwash Flow (gpm)	Valve Model	In/Out pulg	Dren Plug
	Low	Normal	Peak	DP (psi)					
WTFT0948MV1	2	4	7	2	10	5.3	MV1	3/4" - 1"	3/4"
WTFT1054MV1	3	6	8	2	15	6.5	MV1	3/4" - 1"	3/4"
WTFT1252MV1	4	8	12	4	2.0	9	MV1	3/4" - 1"	3/4"
WTFT1354MV1	5	9	14	5	2.5	11	MV1	3/4" - 1"	3/4"
WTFT1465MV1	5	11	16	6	3.0	13	MV1	3/4" - 1"	1"
WTFT1665MV1	7	14	21	9	4.0	17	MV1	3/4" - 1"	1"

Slow flow: Calculated at 5 gpm/ft3, for treated wastewater, with large amount of suspended solids, iron oxide, etc.

Normal flow: Calculated at 10 gpm/ft3, for good quality water, pretreated for reverse osmosis, water purification.

Peak Flow: Calculated at 15 gpm/ft3, for excellent quality waters with intermittent flows during the day.

Note: All systems include Turbidex brand filter media.

CLACK® / ACTIVATED CARBON FILTERS WITH MV1 CLACK VALVE

CLACK VALVES FOR COMPLETE FILTERS TIME

Part Number	Operation Flow (GPM)			Carbon ft3	PD (psi)	Backwash Flow pgm	Model	In/Out pulg	Drain Plug
	Low	Normal	Peak						
WTFC0948MV1	2	4	5	1	2	4.2	MV1	3/4" - 1"	3/4"
WTFC1054MV1	2	6	7	15	3	5.3	MV1	3/4" - 1"	3/4"
WTFC1252MV1	3	8	10	2	5	7.5	MV1	3/4" - 1"	3/4"
WTFC1354MV1	4	9	12	2.5	5	9	MV1	3/4" - 1"	3/4"
WTFC1465MV1	5	11	15	3	7	11	MV1	3/4" - 1"	1"
WTFC1665MV1	7	14	20	4	8	13	MV1	3/4" - 1"	1"

Slow Flow: Calculated at 45 minutes of contact time in empty bed, water with high organic content.

Normal Flow: Calculated at 2.25 minutes of empty bed contact time, reverse osmosis peretration and water purification.

Pico Flow: Calculated to 15 minutes of empty bed contact, excellent quality and for intermittent flows during the doa.

The systems include AQUASORB 1200 activated charcoal.



CLACK® / SINGLE SOFTENERS TIME STD WITH CLACK MV1 VALVE

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)	
	Softener	Brine		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash
WTS0948MV1	9X48	18X40	1	30	6.8	20	2.5	5	2.2
WTS1054MV1	10X54	18X40	1.5	45	10.2	30	3.8	7	2.7
WTS1252MV1	12X52	18X40	2	60	13.6	40	5	10	3.2
WTS1354MV1	13X54	18X40	2.5	75	17.6	50	6.25	12	4.2
WTS1465MV1	14X65	24X41	3	90	20.4	60	7.5	15	5.3
WTS1665MV1	16X65	24X41	4	120	27.2	80	10	20	6.5
WTS1865MV1	18X65	24X50	5	150	34.1	100	12.5	21	9
WTS2162MV1	21X62	24X50	7	210	47.7	140	17.5	21	13

Equipment calculated at minimum capacity, i.e. 20,000 grains x ft3 and 5.5 pounds of salt per cubic foot.

Nor normal flow: Calculated at 5 gpm/ ft2 at a pressure drop of 10 psi whichever is less.

Pretreatment of mosses and water purification.

The systems include RESINEX branded cationic resin

CLACK® / SINGLE SOFTENERS WITH STD METERED WITH CLACK MV1 VALVE

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)	
	Softener	Brine		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash
WTSM0948MV1	9X48	18X40	1	30	6.8	20	2.5	5	2.2
WTSM1054MV1	10X54	18X40	1.5	45	10.2	30	3.8	7	2.7
WTSM1252MV1	12X52	18X40	2	60	13.6	40	5	10	3.2
WTSM1354MV1	13X54	18X40	2.5	75	17.6	50	6.25	12	4.2
WTSM1465MV1	14X65	24X41	3	90	20.4	60	7.5	15	5.3
WTSM1665MV1	16X65	24X41	4	120	27.2	80	10	20	6.5
WTSM1865MV1	18X65	24X50	5	150	34.1	100	12.5	21	9
WTSM2162MV1	21X62	24X50	7	210	47.7	140	17.5	21	13

Equipment calculated at minimum capacity, i.e. 20,000 grains x ft3 and 5.5 pounds of salt per cubic foot.

Nor normal flow: Calculated at 5 gpm/ ft2 at a pressure drop of 10 psi whichever is less.

Pretreatment of mosses and water purification.

The systems include RESINEX branded cationic resin.



CLACK® / TURBIDEX FILTERS WITH CLACK VALVE

Part Number	Operation Flow (gpm)				Turbidex ft3	Backwash flow (gpm)	Valve Model	In/Out plug.	Drain Plug.
	Low	Normal	Peak	PD (psi)					
WTFT0948WS1	2	4	7	2	1	5.3	WS1TC	3/4" - 1"	3/4"
WTFT1054WS1	3	6	8	2	1.5	6.5	WS1TC	3/4" - 1"	3/4"
WTFT1252WS1	4	8	12	4	2	9	WS1TC	3/4" - 1"	3/4"
WTFT1354WS1	5	9	14	5	2.5	11	WS1TC	3/4" - 1"	1"
WTFT1465WS1	5	11	16	6	3	13	WS1TC	3/4" - 1"	1"
WTFT1665WS1	7	14	21	9	4	17	WS1TC	3/4" - 1"	1"
WTFT1465WS125	5	11	16	4	3	13	WS125TC	1 - 1/4"	1"
WTFT1665WS125	7	14	21	6	4	17	WS125TC	1 - 1/4"	1"
WTFT1865WS125	9	18	26	10	5	20	WS125TC	1 - 1/4"	1"
WTFT2162WS125	12	24	36	15	7	29	WS125TC	1 - 1/4"	1 - 1/2"
WTFT1665WS15	7	14	21	2	3	17	WS15EE	1 - 1/2"	1"
WTFT1865WS15	9	18	26	4	4	20	WS15EE	1 - 1/2"	1"
WTFT2162WS15	12	24	36	5	7	29	WS15EE	1 - 1/2"	1 - 1/2"
WTFT2472WS15	16	31	47	9	10	38	WS15EE	1 - 1/2"	1 - 1/2"
WTFT3072WS2	24.3	48.9	73.7	9	15	59	WS2	2"	2"
WTFT3072WS2H	24	49	74	9	15	59	WS2H	2"	2"
WTFT3672WS2H	36	71	106	15	20	85	WS2H	2"	2 - 1/2"
WTFT4272WS2H	48	96	144	15	30	116	WS2H	2"	3"
WTFT3672WS3	46	68	103	7	20	85	WS3	3"	2 - 1/2"
WTFT4272WS3	62	93	106	10	30	116	WS3	3"	3"
WTFT4872WS3	81	122	170	15	40	147	WS3	3"	4"

Slow flow: Calculated at 5 gpm/ft², for treated wastewater, with large amount of suspended solids, iron oxide, etc.

Normal flow: Calculated at 10 gpm/ft², for good quality water, pretreated for reverse osmosis, water purification.

Pico Flow: Calculated at 15 gpm/ft², for excellent quality waters with intermittent flows during the day.

Note: All systems include Turbidex brand filter media.



CLACK® / ACTIVATED CARBON FILTERS WITH CLACK VALVE

Part Number	Operation Flow (gpm)			Activated Carbon ft3	PD (psi)	Backwash flow (gpm)	Valve Model	In/Out plug.	Drain Plug.
	Low	Normal	Peak						
WTFC0948WS1	2	3	5	1	2	42	WS1TC	3/4" - 1"	3/4"
WTFC1054WS1	2	5	7	15	3	5.3	WS1TC	3/4" - 1"	3/4"
WTFC1252WS1	3	7	10	2	5	7.5	WS1TC	3/4" - 1"	3/4"
WTFC1354WS1	4	8	12	2.5	5	9	WS1TC	3/4" - 1"	3/4"
WTFC1465WS1	5	10	15	3	7	11	WS1TC	3/4" - 1"	1"
WTFC1665WS1	7	13	20	4	8	13	WS1TC	3/4" - 1"	1"
WTFC1465WS125	5	10	15	3	4	11	WS125TC	1 - 1/4"	1"
WTFC1665WS125	7	13	20	4	7	13	WS125TC	1 - 1/4"	1"
WTFC1865WS125	8	17	25	5	9	17	WS125TC	1 - 1/4"	1"
WTFC2162WS125	12	23	35	7	15	25	WS125TC	1 - 1/4"	1"
WTFC1665WS15	7	13	20	3	3	13	WS15EE	1 - 1/2"	1"
WTFC1865WS15	8	17	25	4	4	17	WS15EE	1 - 1/2"	1"
WTFC2162WS15	12	23	35	7	5	25	WS15EE	1 - 1/2"	1"
WTFC2472WS15	17	33	50	10	10	31	WS15EE	1 - 1/2"	1 - 1/2"
WTFC3072WS2	25	50	75	15	10	50	WS2EE	2"	2"
WTFC3672WS2	35	71	75	20	15	70	WS2EE	2"	2 - 1/2"
WTFC3072WS2H	24	49	74	15	8	50	WS2H	2"	2"
WTFC3672WS2H	36	71	106	20	12	70	WS2H	2"	2 - 1/2"
WTFC4272WS2H	48	96	114	30	15	95	WS2H	2"	3"
WTFC3672WS3	37	76	111	20	8	70	WS3	3"	2 - 1/2"
WTFC4272WS3	50	100	151	30	10	95	WS3	3"	3"
WTFC4872WS3	66	133	199	40	15	124	WS3	3"	3"

Slow Flow: Calculated at 45 minutes of contact time in empty bed, water with high organic content.

Normal Flow: Calculated at 2.25 minutes of empty bed contact time, reverse osmosis peretration and water purification.

Pico Flow: Calculated to 15 minutes of empty bed contact, excellent quality and for intermittent flows during the doa.

The systems include AQUASORB 1200 activated carbon.



CLACK® / SINGLE SOFTENER - TIME REGENERATION

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)	
	Softener	Brine		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash
						20			
WTS0948WS1	9X48	18X40	1	30	6.8	30	2.5	5	2.2
WTS1054WS1	10X54	18X40	1.5	45	10.2	40	3.8	7	2.7
WTS1252WS1	12X52	18X40	2	60	13.6	50	5	10	3.2
WTS1354WS1	13X54	18X40	2.5	75	17.6	60	6.25	12	4.2
WTS1465WS1	14X65	24X41	3	90	20.4	80	7.5	15	5.3
WTS1665WS1	16X65	24X41	4	120	27.2	100	10	20	6.5
WTS1865WS1	18X65	24X50	5	150	34.1	140	12.5	21	9
WTS2162WS1	21X62	24X50	7	210	47.7	40	17.5	21	13
WTS1252WS125	12X52	18X40	2	60	13.6	50	5	10	3.2
WTS1354WS125	13X54	18X40	2.5	75	17	60	6.25	12	4.2
WTS1465WS125	14X65	24X41	3	90	20.4	80	7.5	15	5.3
WTS1665WS125	16X65	24X41	4	120	27.2	100	10	20	6.5
WTS1865WS125	18X65	24X50	5	150	34.1	140	12.5	25	9
WTS2162WS125	21X62	24X50	7	210	47.7	60	17.5	26	13
WTS1465WS15	14X65	24X41	3	90	20.4	80	7.5	15	5.3
WTS1665WS15	16X65	24X41	4	120	27.2	100	10	20	6.5
WTS1865WS15	18X65	24X50	5	150	34.1	140	12.5	25	9
WTS2162WS15	21X62	24X50	7	210	47.7	160	17.5	34	13
WTS24728WS15	24X72	30X50	8	240	20.4	200	20	40	15
WTS247210WS15	24X72	30X50	10	300	27.2	300	25	46	15
WTS3072WS2	30X72	39X48	15	450	34.1	400	41	74	25
WTS3672WS2	36X72	39X60	20	600	47.7	600	54.5	75	36
WTS4272WS2	42X72	42X60	30	900	54.5	800	82	79	48
WTS4872WS2	48X72	50X60	40	1,200	68.1	400	109	79	60
WTS3672WS3	36X42	39X60	20	600	136	560	50	100	36
WTS4272WS3	42X72	42X60	28	840	190	740	70	140	48
WTS4872WS3	48X72	50X60	37	1,110	252		925	185	60

Equipment calculated at minimum capacity, i.e. 20,000 grains x ft3 and 5.5 pounds of salt per cubic foot.

Normal Flow: Calculated at 5 gpm/ ft2 at a pressure drop of 10 psi and 5.5 pounds of salt per cubic foot.

Pretreatment of mosses and water purification.

The systems include RESINEX K-8FG resins



CLACK® / SINGLE SOFTENERS - METERED REGENERATION

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)	
	Softener	Brine		Kgr.	Salt (Kg.)	Kgr.	Salt (Kg.)	Service	Backwash
WTS0948MWS1	09x48	18X40	1	30	6.8	20	2.5	5	2.2
WTS1054MWS1	10x54	18X40	15	45	10.2	30	3.8	7	2.7
WTS1252MWS1	12x52	18X40	2	60	13.6	40	5	10	3.2
WTS1354MWS1	13x54	18X40	2.5	75	17.6	50	6.25	12	4.2
WTS1465MWS1	14x65	24x41	3	90	20.4	60	7.5	15	5.3
WTS1665MWS1	16x65	24x41	4	120	27.2	80	10	20	6.5
WTS1865MWS1	18x65	24x50	5	150	34.1	100	12.5	21	9
WTS2162MWS1	21x62	24x50	7	210	47.7	140	17.5	21	13
WTS1252MWS125	12x52	18x40	2	60	13.6	40	5	10	3.2
WTS1354MWS125	13x54	18x40	2.5	75	17	50	6.25	12	4.2
WTS1465MWS125	14x65	24x41	3	90	20.4	60	7.5	15	5.3
WTS1665MWS125	16x65	24x41	4	120	27.2	80	10	20	6.5
WTS1865MWS125	18x65	24x50	5	150	34.1	100	12.5	25	9
WTS2162MWS125	21x62	24x50	7	210	47.7	140	17.5	26	13
WTS1465MWS15	14x65	24x41	3	90	20.4	60	7.5	15	5.3
WTS1665MWS15	16x65	24x41	4	120	27.2	80	10	20	6.5
WTS1865MWS15	18x65	24x50	5	150	34.1	100	12.5	25	9
WTS2162MWS15	21x62	24x50	7	210	47.7	140	17.5	34	13
WTS24728MWS15	24x72	30x50	8	240	20.4	160	20	40	15
WTS247210MWS15	24x72	30x50	10	300	27.2	200	25	46	15
WTS3072MWS2	30x72	39x48	15	450	34.1	300	41	74	25
WTS3672MWS2	36x72	39x60	20	600	47.7	400	54.5	75	35
WTS4272MWS2	42x72	42x60	30	900	54.5	600	82	79	48
WTS4872MWS2	48x78	50x60	40	1,200	68.1	800	109	79	60
WTS3072MWS2H	30x72	39x48	15	450	102	300	41	77	25
WTS3672MWS2H	36x72	39x60	20	600	136	400	54.5	82	36
WTS4272MWS2H	42x72	42x60	30	900	204	600	82	83	48
WTS4872MWS2H	48x78	50x60	40	1,200	272	800	109	83	60
W T S3672MWS3	36x72	39x60	20	600	136	400	50	100	36
WTS4272MWS3	42x72	42x60	28	840	190	560	70	140	48
WTS4872MWS3	48x72	50x60	37	1,110	252	740	925	185	60

Equipment calculated at minimum capacity, i.e. 20,000 grains x ft3 and 5.5 pounds of salt per cubic foot.

Normal Flow: Calculated at 5 gpm/ ft2 at a pressure drop of 10 psi and 5.5 pounds of salt per cubic foot.

Pretreatment of mosses and water purification.

The systems include RESINEX K-8FG resins.



CLACK® / TWIN ALTERNATING SOFTENERS STD

TWIN ALTERNATING ASSEMBLY SYSTEM WITH WS1EE VALVES

Part Number	Tank Size		Resin ft ³	Maximum Capacity		Minimum Capacity		Flow (gpm)	
	Softener	Brine		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash
WTSG0948MWS1	9X48	18X40	1	30	6.8	20	2.5	5	2.2
WTSG1054MWS1	10X54	18X40	15	45	10.2	30	3.8	7	2.7
WTSG1252MWS1	12X52	18X40	2	60	13.6	40	5	10	3.2
WTSG1354MWS1	13X54	18X40	2.5	75	17.6	50	6.25	12	4.2
WTSG1465MWS1	14X65	24X41	3	90	20.4	60	7.5	15	5.3
WTSG1665MWS1	16X65	24X41	4	120	27.2	80	10	20	6.5
WTSG1865MWS1	18X65	24X50	5	150	34.1	100	12.5	21	9
WTSG2162MWS1	21X62	24X50	7	210	47.7	140	17.5	21	13

TWIN ALTERNATING ASSEMBLY SYSTEM WITH WS1.25EE VALVES

WTSG1252MWS125	12X52	18X40	2	60	13.6	40	5	10	3.2
WTSG1354MWS125	13X54	18X40	2.5	75	17	50	6.5	12	4.2
WTSG1465MWS125	14X65	24X41	3	90	20.4	60	7.5	15	5.3
WTSG1665MWS125	16X65	24X41	4	120	27.2	80	10	20	6.5
WTSG1865MWS125	18X65	24X50	5	150	34.1	100	12.5	25	9
WTSG2162MWS125	21X62	24X50	7	210	47.7	140	17.5	26	13

TWIN ALTERNATING ASSEMBLY SYSTEM WITH WS1.5EE VALVES

WTSG1465MWS15	14X65	24X41	3	90	20.4	60	7.5	15	5.3
WTSG1665MWS15	16X65	24X41	4	120	27.2	80	10	20	6.5
WTSG1865MWS15	18X65	24X50	5	150	34.1	100	12.5	25	9
WTSG2162MWS15	21X62	24X50	7	210	47.7	140	17.5	34	13
WTSG24728MWS15	24X72	30X50	8	240	54.5	160	20	40	15
WTSG247210MWS15	24X72	30X50	10	300	68.1	200	25	46	19

Equipment calculated at minimum capacity, i.e. 20,000 grains per foot³ and 5.5 pounds of salt per cubic foot.

Nor normal flow: Calculated at 5 gpm/ft² at a pressure drop of 10 psi whichever is less. (pretreated osmosis and water purification).

The systems include RESINEX K-8FG resins.



CLACK® / TWIN ALTERNATING SOFTENERS STD

TWIN ALTERNATING ASSEMBLE SYSTEM WITH WS2EE VALVES

Part Number	Tank Size		Resin ft ³	Maximum Capacity		Minimum Capacity		Flow (gpm)	
	Softener	Brine		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash
WTSG3072MWS2	30X72	39X48	15	450	102	300	41	74	25
WTSG3672MWS2	36X72	39X60	20	600	136	400	54.5	75	35
WTSG4272MWS2	42X72	42X60	30	900	204	600	82	79	48
WTSG4872MWS2	48X72	50X60	40	1200	272	800	109	79	60

TWIN ALTERNATING ASSEMBLE SYSTEM WITH WS2H VALVES

WTSG3072MWS2H	30X72	39X48	15	450	102	300	41	77	25
WTSG3672MWS2H	36X72	39X60	20	600	136	400	54.5	82	35
WTSG4272MWS2H	42X72	42X60	30	900	204	600	82	83	48
WTSG4872MWS2H	48X78	50X60	40	1200	272	800	109	83	60

TWIN ALTERNATING ASSEMBLE SYSTEM WITH WS3 VALVES

WTSG3672MWS3	36X72	39X60	20	600	136	400	54.5	100	35
WTSG4272MWS3	42X72	42X60	28	840	190	560	82	140	48
WTSG4872MWS3	48X72	50X60	37	1110	252	740	109	185	60

Equipment calculated at minimum capacity, i.e. 20,000 grains per foot³ and 5.5 pounds of salt per foot³.

Nor normal flow: Calculated at 5 gpm/ft² at a pressure drop of 10 psi whichever is less. (pretreated osmosis and water purification).

Systems include RESINEX K -8FG resin.



CLACK® / DUPLEX, TRIPLEX AND QUAD SOFTENERS WITH WS1 EE, WS125 EE, WS15 EE, WS2 EE

DUPLEX SYSTEM TO ASSEMBLY WITH WS1, WS1.25, WS 1.5, WS 2.0 VALVES

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)		Dimensions W-D-H (in)
	Softener (in)	Brine (in)		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash	
WTS0948MWS1	(9X48) X 2	(18x40) X 2	1.0	30	15.0	20	6	5-10	2.2	60 x 31 x 80
WTS1054MWS1	(10X54) X 2	(18x40) X 2	1.5	45	22.5	30.0	9	7-14	2.7	60 x 31 x 80
WTS1252MWS1	(12X52) X 2	(18x40) X 2	2.0	60	30.0	40	12	10-20	3.2	60 x 31 x 80
WTS1354MWS1	(13X54) X 2	(18x40) X 2	2.5	75	37.5	50	15	12-24	4.2	60 x 31 x 80
WTS1465MWS1	(14X65) X 2	(24x41) X 2	3.0	90	45.0	60	18	15-30	5.3	115 x 31 x 80
WTS1665MWS1	(16X65) X 2	(24x41) X 2	4.0	120	60.0	80	24	20-40	6.5	115 x 31 x 80
WTS1865MWS1	(18X65) X 2	(24x50) X 2	5.0	150	75.0	100	30	21-42	9	115 x 31 x 80
WTS2162MWS1	(21X62) X 2	(24x50) X 2	7.0	210	105.0	140	42	21-42	13	115 x 31 x 80
WTS1252MWS125	(12X52) X 2	(18x40) X 2	2.0	60	30.0	40	12	10-20	3.2	60 x 31 x 80
WTS1354MWS125	(13X54) X 2	(18x40) X 2	2.5	75	37.5	50	15	12-24	4.2	60 x 31 x 80
WTS1465MWS125	(14X65) X 2	(24x41) X 2	3.0	90	45.0	60	18	15-30	5.3	60 x 31 x 80
WTS1665MWS125	(16X65) X 2	(24x41) X 2	4.0	120	60.0	80	24	20-40	6.5	115 x 31 x 80
WTS1865MWS125	(18X65) X 2	(24x50) X 2	5.0	150	75.0	100	30	25-50	9	115 x 31 x 80
WTS2162MWS125	(21X62) X 2	(24x50) X 2	7.0	210	105.0	140	42	26-52	13	115 x 31 x 80
WTS1465MWS15	(14X65) X 2	(24x41) X 2	3.0	90	45.0	60	18	15-30	5.3	115 x 31 x 80
WTS1665MWS15	(16X65) X 2	(24x41) X 2	4.0	120	60.0	80	24	20-40	6.5	115 x 31 x 80
WTS1865MWS15	(18X65) X 2	(24x50) X 2	5.0	150	75.0	100	30	25-50	9	115 x 31 x 80
WTS2162MWS15	(21X62) X 2	(24x50) X 2	7.0	210	105.0	140	42	34-68	13	142 x 31 x 80
WTS24728MWS15	(24X72) X 2	(30X50) X 2	8.0	240	120.0	160	48	40-80	15	142 x 31 x 80
WTS247210MWS15	(24X72) X 2	(30X50) X 2	10.0	300	150.0	200	60	46-92	15	142 x 31 x 80
WTS3072MWS2	(30X72) X 2	(39x48) X 2	15.0	450	225.0	300	90	74-148	25	146 x 56 x 80
WTS3672MWS2	(36X72) X 2	(39x48) X 2	20.0	600	300.0	400	120	75-150	35	170 x 56 x 80
WTS4272MWS2	(42X72) X 2	(42x60) X 2	30.0	900	450.0	600	180	79-158	48	195 x 56 x 80
WTS4872MWS2	(48X78) X 2	(50x60) X 2	40.0	1,200	600.0	800	240	79	60	195 x 56 x 80



CLACK® / DUPLEX, TRIPLEX AND QUAD SOFTENERS WITH WS1 EE, WS125 EE, WS1.5 EE, WS2 EE

TRIPLEX SYSTEM TO ASSEMBLY WITH WS1, WS1.25, WS 1.5, WS 2.0 VALVES

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)		Dimensions W-D-H (in)
	Softener (in)	Brine (in)		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash	
WTS0948MWS1	(9X48) X 3	(18X40) x 3	1.0	30	15.0	20	6	5-15	2.2	90 x 31 x 80
WTS1054MWS1	(10X48) X 3	(18X40) x 3	1.5	45	22.5	30.0	9	7-21	2.7	90 x 31 x 80
WTS1252MWS1	(12X52) X 3	(18X40) x 3	2.0	60	30.0	40	12	10-30	3.2	90 x 31 x 80
WTS1354MWS1	(13X54) X 3	(18X40) x 3	2.5	75	37.5	50	15	12-36	4.2	90 x 31 x 80
WTS1465MWS1	(14X65) X 3	(24x41) x 3	3.0	90	45.0	60	18	15-45	5.3	172 x 31 x 80
WTS1665MWS1	(16X65) X 3	(24x41) x 3	4.0	120	60.0	80	24	20-60	6.5	172 x 31 x 80
WTS1865MWS1	(18X65) X 3	(24x50) x 3	5.0	150	75.0	100	30	21-63	9	172 x 31 x 80
WTS2162MWS1	(21X62) X 3	(24x50) x 3	7.0	210	105.0	140	42	21-63	13	172 x 31 x 80
WTS1252MWS125	(12X52) X 3	(18X40) x 3	2.0	60	30.0	40	12	10-30	3.2	90 x 31 x 80
WTS1354MWS125	(13X54) X 3	(18X40) x 3	2.5	75	37.5	50	15	12-36	4.2	90 x 31 x 80
WTS1465MWS125	(14X65) X 3	(24x41) x 3	3.0	90	45.0	60	18	15-45	5.3	90 x 31 x 80
WTS1665MWS125	(16X65) X 3	(24x41) x 3	4.0	120	60.0	80	24	20-30	6.5	172 x 31 x 80
WTS1865MWS125	(18X65) X 3	(24x50) x 3	5.0	150	75.0	100	30	25-75	9	172 x 31 x 80
WTS2162MWS125	(21X62) X 3	(24x50) x 3	7.0	210	105.0	140	42	26-78	13	172 x 31 x 80
WTS1465MWS15	(14X65) X 3	(24x41) x 3	3.0	90	45.0	60	18	15-45	5.3	172 x 31 x 80
WTS1665MWS15	(16X65) X 3	(24x41) x 3	4.0	120	60.0	80	24	20-30	6.5	172 x 31 x 80
WTS1865MWS15	(18X65) X 3	(24x50) x 3	5.0	150	75.0	100	30	25-75	9	172 x 31 x 80
WTS2162MWS15	(21X62) X 3	(24x50) x 3	7.0	210	105.0	140	42	34-72	13	213 x 31 x 80
WTS24728MWS15	(24X72) X 3	(30x50) x 3	8.0	240	120.0	160	48	40-120	15	213 x 31 x 80
WTS247210MWS15	(24X72) X 3	(30x50) x 3	10.0	300	150.0	200	60	46-138	15	213 x 31 x 80
WTS3072MWS2	(30x72) x 3	(39x48) x 3	15.0	450	225.0	300	90	74-212	25	219 x 56 x 80
WTS3672MWS2	(36x72) x 3	(39x60) x 3	20.0	600	300.0	400	120	75-225	35	255 x 56 x 80
WTS4272MWS2	(42x72) x 3	(42x60) x 3	30.0	900	450.0	600	180	79-237	48	292 x 56 x 80
WTS4872MWS2	(48x78) X 3	(50x60) x 3	40.0	1,200	600.0	800	240	79-237	60	292 x 56 x 80



CLACK® / DUPLEX, TRIPLEX AND QUAD SOFTENERS WITH WS1 EE, WS125 EE, WS1.5 EE, WS2 EE

QUAD SYSTEM TO ASSEMBLE WITH WS1, WS1.25, WS 1.5, WS 2.0 VALVES

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)		Dimensions W-D-H (in)
	Softener (in)	Brine (in)		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash	
WTS0948MWS1	(9X48) X 4	(18X40) x 4	1.0	30	15.0	20	6	5-20	2.2	120 x 31 x 80
WTS1054MWS1	(10X48) X 4	(18X40) x 4	1.5	45	22.5	30	9	7-28	2.7	120 x 31 x 80
WTS1252MWS1	(12X52) X 4	(18X40) x 4	2.0	60	30.0	40	12	10-40	3.2	120 x 31 x 80
WTS1354MWS1	(13X54) X 4	(18X40) x 4	2.5	75	37.5	50	15	12-48	4.2	120 x 31 x 80
WTS1465MWS1	(14X65) X 4	(24x41) x 4	3.0	90	45.0	60	18	15-60	5.3	230 x 31 x 80
WTS1665MWS1	(16X65) X 4	(24x41) x 4	4.0	120	60.0	80	24	20-80	6.5	230 x 31 x 80
WTS1865MWS1	(18X65) X 4	(24x50) x 4	5.0	150	75.0	100	30	21-84	9	230 x 31 x 80
WTS2162MWS1	(21X62) X 4	(24x50) x 4	7.0	210	105.0	140	42	21-84	13	230 x 31 x 80
WTS1252MWS125	(12X52) X 4	(18X40) x 4	2.0	60	30.0	40	12	10-40	3.2	120 x 31 x 80
WTS1354MWS125	(13X54) X 4	(18X40) x 4	2.5	75	37.5	50	15	12-48	4.2	120 x 31 x 80
WTS1465MWS125	(14X65) X 4	(24x41) x 4	3.0	90	45.0	60	18	15-60	5.3	120 x 31 x 80
WTS1665MWS125	(16X65) X 4	(24x41) x 4	4.0	120	60.0	80	24	20-80	6.5	230 x 31 x 80
WTS1865MWS125	(18X65) X 4	(24x50) x 4	5.0	150	75.0	100	30	25-100	9	230 x 31 x 80
WTS2162MWS125	(21X62) X 4	(24x50) x 4	7.0	210	105.0	140	42	26-104	13	230 x 31 x 80
WTS1465MWS15	(14X65) X 4	(24x41) x 4	3.0	90	45.0	60	18	15-60	5.3	230 x 31 x 80
WTS1665MWS15	(16X65) X 4	(24x41) x 4	4.0	120	60.0	80	24	20-80	6.5	230 x 31 x 80
WTS1865MWS15	(18X65) X 4	(24x50) x 4	5.0	150	75.0	100	30	25-100	9	230 x 31 x 80
WTS2162MWS15	(21X62) X 4	(24x50) x 4	7.0	210	105.0	140	42	34-136	13	284 x 31 x 80
WTS24728MWS15	(24X72) X 4	(30x50) x 4	8.0	240	120.0	160	48	40-160	15	284 x 31 x 80
WTS247210MWS15	(24X72) X 4	(30x50) x 4	10.0	300	150.0	200	60	46-184	15	284 x 31 x 80
WTS3072MWS2	(30x72) x 4	(39x48) x 4	15.0	450	225.0	300	90	74-296	25	292 x 56 x 80
WTS3672MWS2	(36x72) x 4	(39x60) x 4	20.0	600	300.0	400	120	75-300	35	340 x 56 x 80
WTS4272MWS2	(42x72) x 4	(42x60) x 4	30.0	900	450.0	600	180	79-316	48	390 x 56 x 80
WTS4872MWS2	(48x78) X 4	(50x60) x 4	40.0	1200	600.0	800	240	79-316	60	390 x 56 x 80



CLACK® / DUPLEX, TRIPLEX AND QUAD SOFTENERS WITH WS1 EE, WS125 EE, WS15 EE, WS2 EE

DUPLEX SYSTEM TO ASSEMBLE WITH WS2H VALVES

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flujo (gpm)	
	Softener	Brine		Grains x 1000	Salt (Kg)	Grains x 1000	Salt (Kg)	Service	Backwash
WTSD3072MWS2H	(30x72)X2	(39x48)X2	(15)X2	450	102	300	41	77-154	25
WTSD3672MWS2H	(36x72)X2	(39x60)X2	(20)X2	600	136	400	54.5	82-164	35
WTSD4272MWS2H	(42x72)X2	(42x60)X2	(30)X2	900	204	600	82	83-166	48
WTSD4872MWS2H	(48x72)X2	(50x60)X2	(40)X2	1200	272	800	109	83-166	60

TRIPLEX SYSTEM TO ASSEMBLE WITH WS2H VALVES

WTST3072MWS2H	(30x72)X3	(39x48)X3	(15)X3	450	102	300	41	77-231	25
WTST3672MWS2H	(36x72)X3	(39x60)X3	(20)X3	600	136	400	54.5	82-246	35
WTST4272MWS2H	(42x72)X3	(42x60)X3	(30)X3	900	204	600	82	83-249	48
WTST4872MWS2H	(48x72)X3	(50x60)X3	(40)X3	1200	272	800	109	83-249	60

QUAD SYSTEM TO ASSEMBLE WITH WS2H VALVES

WTSC3072MWS2H	(30x72)X4	(39x48)X4	(15)X4	450	102	300	41	77-308	25
WTSC3672MWS2H	(36x72)X4	(39x60)X4	(20)X4	600	136	400	54.5	82-328	35
WTSC4272MWS2H	(42x72)X4	(42x60)X4	(30)X4	900	204	600	82	83-332	48
WTSC4872MWS2H	(48x72)X4	(50x60)X4	(40)X4	1200	272	800	109	83-332	60

Equipment calculated at minimum capacity, i.e. 20,000 grains per foot³ and 5.5 pounds of salt per foot³. Normal Flow: Calculated at 5 gpm/ft² at a pressure drop of 10 psi whichever is lower. (pretreated osmosis and water purification).

Systems include RESINEX K -8FG resin.



CLACK® / DUPLEX, TRIPLEX AND QUAD SOFTENERS WITH WS3 VALVE

DUPLEX SYSTEM TO ASSEMBLE WITH WS3 VALVES

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)	
	Softener	Brine		Grains x 1000.	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash
WTSD3672MWS3	(36x72)X2	(39x48)X2	(20)X2	600	136	400	50	100-200	35
WTSD4272MWS3	(42x72)X2	(42x60)X2	(28)X2	840	190	560	70	140-280	48
WTSD4872MWS3	(48x72)X2	(50x60)X2	(37)X2	1110	252	740	925	185-370	60

TRIPLEX SYSTEM TO ASSEMBLE WITH WS3 VALVES

WTST3672MWS3	(36x72)X3	(39x60)X3	(20)X3	600	136	400	50	100-300	35
WTST4272MWS3	(42x72)X3	(42x60)X3	(28)X3	840	190	560	70	280-840	48
WTST4872MWS3	(48x72)X3	(50x60)X3	(37)X3	1110	252	740	925	370-1110	60

QUAD SYSTEM TO ASSEMBLE WITH WS3 VALVES

WTSC3672MWS3	(36x72)X4	(39x60)X4	(20)X4	600	136	400	50	100-400	35
WTSC4272MWS3	(42x72)X4	(42x60)X4	(28)X4	840	190	560	70	280-1120	48
WTSC4872MWS3	(48x72)X4	(50x60)X4	(37)X4	1110	252	740	925	370-1480	60

Note: Systems include relay card, meters, alternators, and interconnect cables.

Equip us calculated at minimum capacity, i.e. 20,000 grains per foot3 and 5.5 pounds of salt per foot3. Normal Flow: Calculated at 5 gpm/ft2 at a pressure drop of 10 psi whichever is lower. (pretreated osmosis and water purification).

Systems include RESINEX K -8FG resin.



CLACK® / SINGLE SUPER SOFTENER - TIME REGENERATION

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)	
	Softener	Brine		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash
WTSSF948MWS1	9X48	18X33	1	30	6.8		19	5	2.2
WTSSF1054WS1	10X54	18X33	1.5	45	10.2	20	2.8	7	2.7
WTSSF1252WS1	12X52	18X40	2	60	13.6	30	3.8	10	3.2
WTSSF1354WS1	13X54	18X40	2.5	75	17.6	40	4.7	12	4.2
WTSSF1456WS1	14X65	24X41	3	90	20.4	50	5.6	15	5.3
WTSSF1665WS1	16X65	24X41	4	120	27.2	60	7.5	20	6.5
WTSSF1865WS1	18X65	24X50	5	150	34.1	80	9.3	21	9.0
WTSSF2165WS1	21X62	24X50	7	210	47.7	100	13	21	13
WTSSF1252WS125	12X52	18X40	2	60	13.6	140	3.8	10	3.2
WTSSF1354WS125	13X54	18X40	2.5	75	17	40	4.7	12	4.2
WTSSF1465WS125	14X65	24X41	3	90	20.4	50	5.6	15	5.3
WTSSF1665WS125	16X65	24X41	4	120	27.2	60	7.5	20	6.5
WTSSF1865WS125	18X65	24X50	5	150	34.1	80	9.3	25	9.0
WTSSF2162WS125	21X62	24X50	7	210	47.7	100	13	26	13
WTSSF1465WS15	14X65	24X41	3	90	20.4	140	5.6	15	5.3
WTSSF1665WS15	16X65	24X41	4	120	27.2	60	7.5	20	6.5
WTSSF1865WS15	18X65	24X50	5	150	34.1	80	9.3	25	9.0
WTSSF2162WS15	21X62	24X50	7	210	47.7	100	13	34	13
WTSSF2472WS15	24X72	30X50	8	240	54.4	140	15	40	15
WTSSF247210WS15	24X72	30X50	10	300	68.1	160	19	46	15
WTSSF3072WS2	30X72	39X48	15	450	102	200	28	74	25
WTSSF3672WS2	36X72	39X48	20	600	136	300	37	75	36
WTSSF4272WS2	42X72	42X60	30	900	204	400	56	79	48
WTSSF4872WS2	48X78	50X60	40	1200	272	600	75	79	60
WTSSF3672WS3	36X72	39X48	20	600	136	800	37	100	36
WTSSF4272WS3	42X72	42X48	28	840	190	400	52	140	48
WTSSF4872WS3	48X72	50X60	37	1110	252	560	69	185	60
740									

Equipment calculated at minimum capacity, i.e. 20,000 grains per foot3 and 5.5 pounds of salt per foot3.

Nor normal flow: Calculated at 5 gpm/ft2 at a pressure drop of 10 psi whichever is less. (pretreated osmosis and water purification).

The systems include Purolite SSCT60 resin.



CLACK® / SINGLE SUPER SOFTENER - METERED REGENERATION

Part Number	Tank Size		Resin ft ³	Maximum Capacity		Minimum Capacity		Flow (gpm)	
	Softener	Brine		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash
WTSSF948MWS1	9x48	18X33	1	30	15.0	20	6	5	2.2
WTSSF1054MWS1	10x54	18X33	15	45	22.5	30	9	7	2.7
WTSSF1252MWS1	12x52	18X40	2	60	30.0	40	12	10	3.2
WTSSF1354MWS1	13x54	18X40	2.5	75	37.5	50	15	12	4.2
WTSSF1456MWS1	14x65	24x41	3	90	45.0	60	18	15	5.3
WTSSF1665MWS1	16x65	24x41	4	120	60.0	80	24	20	6.5
WTSSF1865MWS1	18x65	24x50	5	150	75.0	100	30	21	9
WTSSF2165MWS1	21x62	24x50	7	210	105.0	140	42	21	13
WTSSF1252MWS125	12x52	18x40	2	60	30.0	40	12	10	3.2
WTSSF1354MWS125	13x54	18x40	2.5	75	37.5	50	15	12	4.2
WTSSF1465MWS125	14x65	24x41	3	90	45.0	60	18	15	5.3
WTSSF1665MWS125	16x65	24x41	4	120	60.0	80	24	20	6.5
WTSSF1865MWS125	18x65	24x50	5	150	75.0	100	30	25	9
WTSSF2162MWS125	21x62	24x50	7	210	105.0	140	42	26	13
WTSSF1465MWS15	14x65	24x41	3	90	45.0	60	18	15	5.3
WTSSF1665MWS15	16x65	24x41	4	120	60.0	80	24	20	6.5
WTSSF1865MWS15	18x65	24x50	5	150	75.0	100	30	25	9
WTSSF2162MWS15	21x62	24x50	7	210	105.0	140	42	34	13
WTSSF2472MWS15	24x72	30x50	8	240	120.0	160	48	40	15
WTSSF2472MWS15	24x72	30x50	10	300	150.0	200	60	46	15
WTSSF3072MWS2	30x72	39x48	15	450	225.0	300	90	74	25
WTSSF3672MWS2	36x72	39x48	20	600	300.0	400	120	75	35
WTSSF4272MWS2	42x72	42x60	30	900	450.0	600	180	79	48
WTSSF4872MWS2	48x78	50x60	40	1200	600.0	800	240	79	60
WTSSF3072MWS2H	30x72	39x48	15	450	225.0	300	90	77	25
WTSSF3672MWS2H	36x72	39x48	20	600	300.0	400	120	82	36
WTSSF4272MWS2H	42x72	42x60	30	900	450.0	600	180	83	48
WTSSF4872MWS2H	48x78	50x60	40	1200	600.0	800	240	83	60
WTSSF3672MWS3	36x72	39x48	20	600	300.0	400	120	100	37
WTSSF4272MWS3	42x72	42x48	28	840	420.0	560	168	140	48
WTSSF4872MWS3	48x72	50x60	37	1110	555.0	740	222	185	60

Equipment calculated at minimum capacity, i.e. 20,000 grains per foot³ and 5.5 pounds of salt per foot³.

Nor normal flow: Calculated at 5 gpm/ft² at a pressure drop of 10 psi whichever is less. (pretreated osmosis and water purification).

The systems include Purolite SST60 resin.



CLACK® / TWIN ALTERNATING SUPER SOFTENER

TWIN ALTERNATING ASSEMBLY SYSTEM WITH WS1EE VALVES

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)	
	Softener	Brine		Grains x 1000	Salt (Kg)	Grains x 1000	Salt (Kg)	Service	Backwash
WTSGSF0948MWS1	9X48	18X33	1	30	15.0	20	6	5	2.2
WTSGSF1054MWS1	10X54	18X33	1.5	45	22.5	30	9	7	2.7
WTSGSF1252MWS1	12X52	18X40	2	60	30.0	40	12	10	3.2
WTSGSF1354MWS1	13X54	18X40	2.5	75	37.5	50	15	12	4.2
WTSGSF1465MWS1	14X65	24X41	3	90	45.0	60	18	15	5.3
WTSGSF1665MWS1	16X65	24X41	4	120	60.0	80	24	20	6.5
WTSGSF1865MWS1	18X65	24X50	5	150	75.0	100	30	21	9.0
WTSGSF2162MWS1	21X62	24X50	7	210	105.0	140	42	21	13

TWIN ALTERNATING ASSEMBLY SYSTEM WITH WS1.25EE VALVES

WTSGSF1252WS125	12X52	18X40	2	45	30.0	40	12	10	3.2
WTSGSF1354WS125	13X54	18X40	2.5	75	37.5	50	15	12	4.2
WTSGSF1465WS125	14X65	24X41	3	90	45.0	60	18	15	5.3
WTSGSF1665WS125	16X65	24X41	4	120	60.0	80	24	20	6.5
WTSGSF1865WS125	18X65	24X50	5	150	75.0	100	30	25	9.0
WTSGSF2162WS125	21X62	24X50	7	210	105.0	140	42	26	13

TWIN ALTERNATING ASSEMBLY SYSTEM WITH WS1.5EE VALVES

WTSGSF1465WS15	14X65	24X41	3	90	20.4	60	5.6	15	5.3
WTSGSF1665WS15	16X65	24X41	4	120	27.2	80	7.5	20	6.5
WTSGSF1865WS15	18X65	24X50	5	150	34.1	100	9.3	25	9.0
WTSGSF2162WS15	21X62	24X50	7	210	47.7	140	13	34	13
WTSGSF2472WS15	24X72	30X50	8	240	54.5	160	15	40	15
WTSGSF2472WS15	24X72	30X50	10	300	68.1	200	18.6	46	19

Equipment calculated at minimum capacity, i.e. 20,000 grains per foot³ and 5.5 pounds of salt per foot³.

Nor normal flow: Calculated at 5 gpm/ft² at a pressure drop of 10 psi whichever is less. (pretreated osmosis and water purification).

Systems include Purolite SSTC60 resin.



CLACK® / TWIN ALTERNATING SUPER SOFTENER

TWIN ALTERNATING ASSEMBLY SYSTEM WITH WS2EE VALVES

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)	
	Softener	Brine		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash
WTSGSF3072MWS2	30X72	39X48	15	450	225.0	300	90	74	25
WTSGSF3672MWS2	36X72	39X60	20	600	300.0	400	120	75	35
WTSGSF4272MWS2	42X72	42X60	30	900	450.0	600	180	79	48
WTSGSF4872MWS2	48X78	50X60	40	1200	600.0	800	240	79	60

TWIN ALTERNATING ASSEMBLY SYSTEM WITH WS2H VALVES

WTSGSF3072MWS2H	30X72	39X48	15	450	225.0	300	90	77	25
WTSGSF3672MWS2H	36X72	39X60	20	600	300.0	400	120	82	35
WTSGSF4272MWS2H	42X72	42X60	30	900	450.0	600	180	83	48
WTSGSF4872MWS2H	48X72	50X60	40	1200	600.0	800	240	83	60

TWIN ALTERNATING ASSEMBLY SYSTEM WITH WS3 VALVES

WTSGSF3672MWS3H	36X72	39X60	20	600	300.0	400	120	100	35
WTSGSF4272MWS3H	42X72	42X60	28	840	420.0	560	168	140	48
WTSGSF4872MWS3H	48X72	50X60	37	1110	555.0	740	222	185	60



Equipment calculated at minimum capacity, i.e. 20,000 grains per foot³ and 5.5 pounds of salt.

Nor normal flow: Calculated at 5 gpm/ft² at a pressure drop of 10 psi which is lower. (pretreated osmosis and water purification).

Systems include Purolite SSTC60 resin.



CLACK® / SUPER SOFTENER DUPLEX, TRIPLEX AND QUAD WITH WS2H VALVE

DUPLEX ASSEMBLE SYSTEM WITH WS2H VALVES

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)	
	Softener	Brine		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash
WTSDSF3072MVS2H	(30x72)X2	(39x48)X2	(15)X2	450	225	300	90	77-154	25
WTSDSF3672MWS2H	(36x72)X2	(39x60)X2	(20)X2	600	300	400	120	82-164	35
WTSDSF4272MWS2H	(42x72)X2	(42x60)X2	(30)X2	900	450	600	180	83-166	48
WTSDSF4872MWS2H	(48x72)X2	(50x60)X2	(40)X2	1200	600	800	240	83-166	60

TRIPLEX ASSEMBLE SYSTEM WITH WS2H VALVES

WTSDSF3072MVS2H	(30x72)X3	(39x48)X3	(15)X3	450	225	300	90	77-154	25
WTSDSF3672MWS2H	(36x72)X3	(39x60)X3	(20)X3	600	300	400	120	82-164	35
WTSDSF4272MWS2H	(42x72)X3	(42x60)X3	(30)X3	900	450	600	180	83-166	48
WTSDSF4872MWS2H	(48x72)X3	(50x60)X3	(40)X3	1200	600	800	240	83-166	60

QUAD ASSEMBLE SYSTEM WITH WS2H VALVES

WTSCSF3072MWS2H	(30x72)X4	(39x48)X4	(15)X4	450	225	300	90	77-308	25
WTSCSF3672MWS2H	(36x72)X4	(39x60)X4	(20)X4	600	300	400	120	82-328	35
WTSCSF4272MWS2H	(42x72)X4	(42x60)X4	(30)X4	900	450	600	180	83-332	48
WTSCSF4872MWS2H	(48x72)X4	(50x60)X4	(40)X4	1200	600	800	240	83-332	60

Equipment calculated at minimum capacity, i.e. 20,000 grains per foot³ and 5.5 pounds of salt per foot³.

Nor normal flow: Calculated at 5 gpm/ft² at a pressure drop of 10 psi whichever is less. (pretreated osmosis and water purification).

Systems include Purolite SSTC60 resin.



CLACK® / SUPER SOFTENER DUPLEX, TRIPLEX AND QUAD WITH WS3 VALVE

DUPLEX ASSEMBLE SYSTEM WITH WS3 VALVES

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow GPM	
	Softener	Brine		Kgr.	Salt (Kg)	Kgr.	Salt (Kg)	Service	Backwash
WTSDSF3672MWS3	(36x72)X2	(39x48)X2	(20)X2	600	300	400	37	120	35
WTSDSF4272MWS3	(42x72)X2	(42x60)X2	(28)X2	840	450	560	56	180	48
WTSDSF4872MWS3	(48x72)X2	(50x60)X2	(37)X2	1110	600	740	745	240	60

TRIPLEX ASSEMBLE SYSTEM WITH WS3 VALVES

WTSTSF3672MWS3	(36x72)X3	(39x60)X3	(20)X3	600	300	400	37	120	35
WTSTSF4272MWS3	(42x72)X3	(42x60)X3	(28)X3	840	450	560	56	180	48
WTSTSF4872MWS3	(48x72)X3	(50x60)X3	(37)X3	1110	600	740	745	240	60

QUAD ASSEMBLE SYSTEM WITH WS3 VALVES

WTSCSF3672MWS3	(36x72)X4	(39x60)X4	(20)X4	600	300	400	37	120	35
WTSCSF4272MWS3	(42x72)X4	(42x60)X4	(28)X4	840	450	560	56	180	48
WTSCSF4872MWS3	(48x72)X4	(50x60)X4	(37)X4	1110	600	740	745	240	60

Equipment calculated at minimum capacity, i.e. 20,000 grains per foot³ and 5.5 pounds of salt per foot³.

Nor normal flow: Calculated at 5 gpm/ft² at a pressure drop of 10 psi whichever is less. (pretreated osmosis and water purification).

Systems include Purolite SSTC60 resin



CLACK® / DUPLEX, TRIPLEX AND QUAD SUPER SOFTENERS WITH WS1 EE, WS125 EE, WS1.5 EE, WS2 EE

DUPLEX SYSTEM TO ASSEMBLE WITH WS1, WS1.25, WS 1.5, WS 2.0 VALVES

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)		Dimensions W-D-H (in)
	Softener (in)	Brine (in)		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash	
WTS0948MWS1	(9X48) X 2	(18X40) X 2	1 X 2	30	15.0	20	6	5-10	2.2	60 x 31 x 80
WTS1054MWS1	(10X54) X 2	(18X40) X 2	1.5 X 2	45	22.5	30	9	7-14	2.7	60 x 31 x 80
WTS1252MWS1	(12X52) X 2	(18X40) X 2	2 X 2	60	30.0	40	12	10-20	3.2	60 x 31 x 80
WTS1354MWS1	(13X54) X 2	(18X40) X 2	2.5 X 2	75	37.5	50	15	12-24	4.2	60 x 31 x 80
WTS1465MWS1	(14X65) X 2	(24X41) X 2	3 X 2	90	45.0	60	18	15-30	5.3	115 x 31 x 80
WTS1665MWS1	(16X65) X 2	(24X41) X 2	4 X 2	120	60.0	80	24	20-40	6.5	115 x 31 x 80
WTS1865MWS1	(18X65) X 2	(24X50) X 2	5 X 2	150	75.0	100	30	21-42	9	115 x 31 x 80
WTS2162MWS1	(21X62) X 2	(24X50) X 2	7 X 2	210	105.0	140	42	21-42	13.0	115 x 31 x 80
WTS1252MWS125	(12X52) X 2	(18X40) X 2	2 X 2	60	30.0	40	12	10-20	3.2	60 x 31 x 80
WTS1354MWS125	(13X54) X 2	(18X40) X 2	2.5 X 2	75	37.5	50	15	12-24	4.2	60 x 31 x 80
WTS1465MWS125	(14X65) X 2	(24X41) X 2	3 X 2	90	45.0	60	18	15-30	5.3	60 x 31 x 80
WTS1665MWS125	(16X65) X 2	(24X41) X 2	4 X 2	120	60.0	80	24	20-40	6.5	115 x 31 x 80
WTS1865MWS125	(18X65) X 2	(24X50) X 2	5 X 2	150	75.0	100	30	25-50	9	115 x 31 x 80
WTS2162MWS125	(21X62) X 2	(24X50) X 2	7 X 2	210	105.0	140	42	26-52	13.0	115 x 31 x 80
WTS1465MWS15	(14X65) X 2	(24X41) X 2	3 X 2	90	45.0	60	18	15-30	5.3	115 x 31 x 80
WTS1665MWS15	(16X65) X 2	(24X41) X 2	4 X 2	120	60.0	80	24	20-40	6.5	116 x 31 x 80
WTS1865MWS15	(18X65) X 2	(24X50) X 2	5 X 2	150	75.0	100	30	25-50	9	117 x 31 x 80
WTS2162MWS15	(21X62) X 2	(24X50) X 2	7 X 2	210	105.0	140	42	34-68	13	118 x 31 x 80
WTS24728MWS15	(24X72) X 2	(30X50) X 2	8 X 2	240	120.0	160	48	40-80	15	119 x 31 x 80
WTS247210MWS15	(24X72) X 2	(30X50) X 2	10 X 2	300	150.0	200	60	46-92	15	120 x 31 x 80
WTS3072MWS2	(30X72) X 2	(39X48) X 2	15 X 2	450	225.0	300	90	74-148	25	146 x 56 x 80
WTS3672MWS2	(36X72) X 2	(39X48) X 2	20 X 2	600	300.0	400	120	75-150	35	170 x 56 x 80
WTS4272MWS2	(42X72) X 2	(42X60) X 2	30 X 2	900	450.0	600	180	79-158	48	195 x 56 x 80
WTS4872MWS2	(48X78) X 2	(50X60) X 2	40 X 2	1200	600.0	800	240	79-158	60	195 x 56 x 80

CLACK® / DUPLEX, TRIPLEX AND QUAD SUPER SOFTENERS WITH WS1 EE, WS125 EE, WS1.5 EE, WS2 EE

TRIPLEX SYSTEM TO ASSEMBLE WITH WS1, WS125, WS 1.5, WS 2.0 VALVES

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)		Dimensions W-D-H (in)
	Softener (in)	Brine (in)		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash	
WTS0948MWS1	(9X48) X 3	(18X40) X 3	1 X 3	30	15.0	20	6	5-15	2.2	60 x 31 x 80
WTS1054MWS1	(10X54) X 3	(18X40) X 3	1.5 X 3	45	22.5	30	9	7-21	2.7	60 x 31 x 80
WTS1252MWS1	(12X52) X 3	(18X40) X 3	2 X 3	60	30.0	40	12	10-30	3.2	60 x 31 x 80
WTS1354MWS1	(13X54) X 3	(18X40) X 3	2.5 X 3	75	37.5	50	15	12-36	4.2	60 x 31 x 80
WTS1465MWS1	(14X65) X 3	(24X41) X 3	3 X 3	90	45.0	60	18	15-45	5.3	115 x 31 x 80
WTS1665MWS1	(16X65) X 3	(24X41) X 3	4 X 3	120	60.0	80	24	20-60	6.5	115 x 31 x 80
WTS1865MWS1	(18X65) X 3	(24X50) X 3	5 X 3	150	75.0	100	30	21-63	9	115 x 31 x 80
WTS2162MWS1	(21X62) X 3	(24X50) X 3	7 X 3	210	105.0	140	42	21-63	13.0	115 x 31 x 80
WTS1252MWS125	(12X52) X 3	(18X40) X 3	2 X 3	60	30.0	40	12	10-30	3.2	60 x 31 x 80
WTS1354MWS125	(13X54) X 3	(18X40) X 3	2.5 X 3	75	37.5	50	15	12-36	4.2	60 x 31 x 80
WTS1465MWS125	(14X65) X 3	(24X41) X 3	3 X 3	90	45.0	60	18	15-45	5.3	60 x 31 x 80
WTS1665MWS125	(16X65) X 3	(24X41) X 3	4 X 3	120	60.0	80	24	20-30	6.5	115 x 31 x 80
WTS1865MWS125	(18X65) X 3	(24X50) X 3	5 X 3	150	75.0	100	30	25-75	9	115 x 31 x 80
WTS2162MWS125	(21X62) X 3	(24X50) X 3	7 X 3	210	105.0	140	42	26-78	13.0	115 x 31 x 80
WTS1465MWS15	(14X65) X 3	(24X41) X 3	3 X 3	90	45.0	60	18	15-45	5.3	115 x 31 x 80
WTS1665MWS15	(16X65) X 3	(24X41) X 3	4 X 3	120	60.0	80	24	20-30	6.5	116 x 31 x 80
WTS1865MWS15	(18X65) X 3	(24X50) X 3	5 X 3	150	75.0	100	30	25-75	9	117 x 31 x 80
WTS2162MWS15	(21X62) X 3	(24X50) X 3	7 X 3	210	105.0	140	42	34-72	13	118 x 31 x 80
WTS24728MWS15	(24X72) X 3	(30X50) X 3	8 X 3	240	120.0	160	48	40-120	15	119 x 31 x 80
WTS247210MWS15	(24X72) X 3	(30X50) X 3	10 X 3	300	150.0	200	60	46-138	15	120 x 31 x 80
WTS3072MWS2	(30X72) x 3	(39X48) X 3	15 X 3	450	225.0	300	90	74-212	25	146 x 56 x 80
WTS3672MWS2	(36X72) x 3	(39X48) X 3	20 X 3	600	300.0	400	120	75-225	35	170 x 56 x 80
WTS4272MWS2	(42X72) x 3	(42X60) X 3	30 X 3	900	450.0	600	180	79-237	48	195 x 56 x 80
WTS4872MWS2	(48X78) X 3	(50X60) X 3	40 X 3	1,200	600.0	800	240	79-237	60	195 x 56 x 80

CLACK® / DUPLEX, TRIPLEX AND QUAD SUPER SOFTENERS WITH WS1 EE, WS125 EE, WS1.5 EE, WS2 EE

QUAD SYSTEM TO ASSEMBLE WITH WS1, WS1.25, WS 1.5, WS 2.0 VALVES

Part Number	Tank Size		Resin ft3	Maximum Capacity		Minimum Capacity		Flow (gpm)		Dimensions W-D-H (in)
	Softener (in)	Brine (in)		Grains x 1000	Salt (lbs)	Grains x 1000	Salt (lbs)	Service	Backwash	
WTS0948MWS1	(9X48) X 4	(18X40) X 4	1 X 4	30	15.0	20	6	5-20	2.2	60 x 31 x 80
WTS1054MWS1	(10X54) X 4	(18X40) X 4	1.5 X 4	45	22.5	30	9	7-28	2.7	60 x 31 x 80
WTS1252MWS1	(12X52) X 4	(18X40) X 4	2 X 4	60	30.0	40	12	10-40	3.2	60 x 31 x 80
WTS1354MWS1	(13X54) X 4	(18X40) X 4	2.5 X 4	75	37.5	50	15	12-48	4.2	60 x 31 x 80
WTS1465MWS1	(14X65) X 4	(24X41) X 4	3 X 4	90	45.0	60	18	15-60	5.3	115 x 31 x 80
WTS1665MWS1	(16X65) X 4	(24X41) X 4	4 X 4	120	60.0	80	24	20-80	6.5	115 x 31 x 80
WTS1865MWS1	(18X65) X 4	(24X50) X 4	5 X 4	150	75.0	100	30	21-84	9	115 x 31 x 80
WTS2162MWS1	(21X62) X 4	(24X50) X 4	7 X 4	210	105.0	140	42	21-84	13	115 x 31 x 80
WTS1252MWS125	(12X52) X 4	(18X40) X 4	2 X 4	60	30.0	40	12	10-40	3.2	60 x 31 x 80
WTS1354MWS125	(13X54) X 4	(18X40) X 4	2.5 X 4	75	37.5	50	15	12-48	4.2	60 x 31 x 80
WTS1465MWS125	(14X65) X 4	(24X41) X 4	3 X 4	90	45.0	60	18	15-60	5.3	60 x 31 x 80
WTS1665MWS125	(16X65) X 4	(24X41) X 4	4 X 4	120	60.0	80	24	20-80	6.5	115 x 31 x 80
WTS1865MWS125	(18X65) X 4	(24X50) X 4	5 X 4	150	75.0	100	30	25-100	9	115 x 31 x 80
WTS2162MWS125	(21X62) X 4	(24X50) X 4	7 X 4	210	105.0	140	42	26-104	13	115 x 31 x 80
WTS1465MWS15	(14X65) X 4	(24X41) X 4	3 X 4	90	45.0	60	18	15-60	5.3	115 x 31 x 80
WTS1665MWS15	(16X65) X 4	(24X41) X 4	4 X 4	120	60.0	80	24	20-80	6.5	116 x 31 x 80
WTS1865MWS15	(18X65) X 4	(24X50) X 4	5 X 4	150	75.0	100	30	25-100	9	117 x 31 x 80
WTS2162MWS15	(21X62) X 4	(24X50) X 4	7 X 4	210	105.0	140	42	34-136	13	118 x 31 x 80
WTS24728MWS15	(24X72) X 4	(30X50) X 4	8 X 4	240	120.0	160	48	40-160	15	119 x 31 x 80
WTS247210MWS15	(24X72) X 4	(30X50) X 2	10 X 4	300	150.0	200	60	46-184	15	120 x 31 x 80
WTS3072MWS2	(30X72) X 4	(39X48) X 4	15 X 4	450	225.0	300	90	74-296	25	146 x 56 x 80
WTS3672MWS2	(36X72) X 4	(39X48) X 4	20 X 4	600	300.0	400	120	75-300	35	170 x 56 x 80
WTS4272MWS2	(42X72) X 4	(42X60) X 4	30 X 4	900	450.0	600	180	79-316	48	195 x 56 x 80
WTS4872MWS2	(48X78) X 4	(50X60) X 4	40 X 4	1200	600.0	800	240	79-316	60	195 x 56 x 80



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JACOBI LINE®/ GRANULATED ACTIVATED CARBON

AQUASORB® 1200

AquaSorb® 1200 granulated activated coal, is manufactured especially for the treatment of water for human consumption, both in municipal and industrial applications. Its porous structure is very effective in removing dissolved organic matter, pesticides and chemicals that are frequently found in different sources of raw water.

In sum the AquaSorb® 1200 activated carbon is ideal for the treatment of water from wells, surface bodies and the municipal network, and also meets international standards for this application.

AQUASORB® 1200

Part Number	Description	Presentation	Weight
AQUASORB1200	Activated bituminous carbon (8-30)	2 FT3	25 Kgs



JACOBI LINE®/ BITUMINOUS GRANULATED ACTIVATED CARBON

AQUASORB ® 2000

AQUASORB ® 2000 it is a high capacity granulated activated charcoal, manufactured by steam activation from select bituminous carbon grains. The perfect balance between adsorption and transport pores, provides optimal performance in a wide range of water treatment applications.

The product is high density providing excellent adsorbent activity making the most of its volume. The material is washed with water during its manufacturing process and therefore moistens quickly. Excellent hardness and mechanical strength ensures negligible losses during washing, air cleaning and multiple reactivations.

Part Number	Description	Presentation	Weight
AQUASORB2000	Activated bituminous carbon (8-30)	2 FT3	25 Kgs



JACOBI LINE®/ BITUMINOUS GRANULATED ACTIVATED CARBON

Certifications and Approvals

- ANSI / NSF STANDARD 61
- AWWA B604-05
- EN12915
- CODEX food and water

Precaution:

Activated charcoal is a strong oxidizing agent and in wet or wet state can deplete oxygen from the air, so care should be taken when entering enclosed spaces where this product is taken under the conditions already mentioned. Be sure to use the appropriate safety equipment. Refer to the safety sheets for more details on procedures in case of contact with activated carbon.



JACOBI LINE®/ RESINEX RESINE K-8

GENERAL DESCRIPTION

It is a cationic exchange resin of strong acid gel. The crosslinked polystyrene divinylbenzen matrix provides excellent resistance to physical degradation. The high capacity achieved in smoothing and demineralization makes it suitable for most the standard applications of residential and industrial water treatment. Along with optimizing the consumption of regenerants, Resinex K-8 will allow you to obtain high quality process water economically. Resinex™ K-8 is available in different sizes of particles specially adapted for mixed bed and countercurrent applications.

Some important facts:

- **European AP97 (1) Certificate:**

Complies with European Council Resolution AP97 (1) for the use of ion exchange resins in food processing.

- **WRAS BS 6920**

Approved BS 6920 for cold water and hot water up to 85 °C

- **High integrity spheres**

Excellent resistance to mechanical degradation ensures low pressure drop

- **Extended operational capacity**

Economic advantage

- **Optimized for countercurrent flow**

Compatible with all current systems.

- **Very high total capacity**



JACOBI LINE®/ RESINEX RESINE K-8

Typical properties

Type	crosslinked polystyrene divinylbenzene
Form	of gel type, amber, spherical
Functional group	sulfonic acid
All the number of microspheres	95% min.
Ionic shape, as dispatched	Na +
Grain size	16x40 malla US (0,42-1,25 mm)
In effective size	0,45-0,55 mm
Apparent density	820 kg / m ³
Reographical	1,28 g / cm ³
Retention of	45-50%
A total	1,90 eq / l min.
Change volume	2% maximum.
Ca ²⁺ + -> Na +	120°C max.
Temperature	0-14
pH	25 APHA max.
Color	

Part Number	Description
RESINEX K-8FG	Weak/Strong cation resin





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AWC LINE® / CHEMICAL PRODUCTS

AWC provides a wide range of high-performance products, helping to address the needs of reverse osmosis membrane fouling and fouling problems.

AWC has a wide variety of analytical and on-site services to identify the causes of operational problems. Likewise, our group of engineers offer specialized solutions to satisfy the needs of our clients with the quality treatment that each one deserves.

ANTIFOULING FOR MEMBRANES

Part Number	Description
AWC-A102PLUS45LB	Antifouling 45 pound presentation
AWC A-102 PLUS	Antifouling 500 pound presentation
AWC A-103-45LB	Antifouling 45 pound presentation
AWC A-103	Antifouling 540 pound presentation
AWC-A-105-45LB	Antifouling 45 pound presentation
AWC-A-105	Antifouling 500 pound presentation
AWC-A-110-45LB	Antifouling 45 pound presentation
AWC-A-110	Antifouling 570 pound presentation

POWDERED CLEANERS

AWC C-205-45LB	Powder Cleaner (Low pH) 45 Pound Presentation
AWC C-205	Powder Cleaner (Low pH) 400 Pound Presentation
AWC-C-209-45LB	Powder Cleaner (Low pH) 45 Pound Presentation
AWC-C-209	Powder Cleaner (Low pH) 400 Pound Presentation
AWC C-226-35LB	Powder Cleaner (High pH) 35 Pound Presentation
AWC C-226	Powder Cleaner (High pH) 400 Pound Presentation
AWC-C-227-45LB	AWC C-227 Powder Cleaner (High pH) 45 Pound Presentation
AWC-C-227	AWC C-227 Powder Cleaner (High pH) 400 Pound Presentation

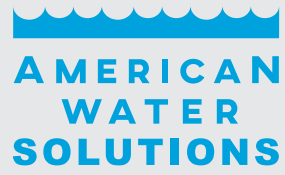
LIQUID CLEANERS

AWC-C-234-45LB	Liquid Cleaner (Low pH) 45 Pound Presentation
AWC-C-234	Liquid Cleaner (Low pH) 530 Pound Presentation
AWC-C-236-45LB	Liquid Cleaner (High pH) 45 Pound Presentation
AWC-C-236	Liquid Cleaner (High pH) 625 Pound Presentation
AWC-C-237-45LB	Liquid Cleaner (High pH) 45 Pound Presentation
AWC-C-237	Liquid Cleaner (High pH) 580 Pound Presentation

MICROBICIDES FOR MEMBRANE SYSTEMS

AWC-D-115-55 LBS	55 pound presentation
AWC-D-115	440 pound presentation
AWC-D-420	500 pound presentation





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SANITRON LINE® / UV SYSTEMS

WATER QUALITY RECOMMENDATIONS

Part Number	Description	GPM	In/Out	Voltage
25-3791	UV System S37C	12	1" NPT	110 V
25-5051	UV System S50C	20	1 1/2" NPT	110 V
25-0995	UV System S2400C	40	2" NPT	110 V
25-0995-2	UV System S5000C	83	2" NPT	110 V
25-0995-4	UV System S10000C	166	2" NPT	110 V

SPARE PARTS

Part Number	Description
05-1343-R	Lamp for S37C system
05-1334-R	Lamp for S50C system
05-1311-R	Lamp for S2400C system and larger
15-1051A4	Quartz sleeve for S37C system
15-1051A5	Quartz sleeve for S50C system
15-1082A	Quartz sleeve for S2400C and larger systems
10-0137	Ballast for S37C model
10-0091	Ballast for S50C model
10-0201	Ballast for model S2400C and larger
05-1218A2-R	S37C / S50 lamp socket
05-2400A	Lamp socket S2400C and larger
30-8033	Ultraviolet Monitor Guardian and Analog TM
30-8113	Ultraviolet Monitor Guardian and Digital TM
30-0173	Audio alarm 120V / 50H
35-0103	Sentry Safety Sensor
00-1238A	O-ring 22mm P/S37C / S50 / MP36C / MP49C
00-1239A	O-ring 48mm P / S24000C
25-1235A	O-ring teflon 22mm S37C/S50C/MP36C/MP49C
25-1236A	O-ring teflon 48mm P / S24000C



MEGATRON LINE® / UV SYSTEMS

Part Number	Description	GPM	In/Out	Voltage
24-0512A1	UV M 50 system with digital monitor and manual wiper, 110 V, 60 Hz.	100GPM	2"NPT	4
24-0515A1	M50 UV System with Digital Monitor and Auto Wiper, 120V, 60Hz	100GPM	2"NPT	4
24-0517A1	M50 UV system with digital monitor and manual wiper, 220V, 60Hz.	100GPM	2"NPT	4
24-0516A1	M50 UV system with digital monitor and automatic wiper, 220V, 60Hz.	100GPM	2"NPT	4
24-0913A1	M90 UV system with digital monitor and manual wiper, 110V, 60Hz.	190GPM	"3" Lap Joint Flange"	7
24-0912A1	M90 UV System with Digital Monitor and Auto Wiper, 120V, 60Hz	190GPM	"3" Lap Joint Flange"	7
24-0916A1	M90 UV system with digital monitor and manual wiper, 220V, 60Hz	190GPM	"3" Lap Joint Flange"	7
24-0915A1	90 UV system with digital monitor and automatic wiper, 220V, 60Hz.	190GPM	"3" Lap Joint Flange"	7

Advantages of MEGATRON systems

- Effective - Virtually all microorganisms are susceptible to Megatron disinfection.
- Economic - Thousands of gallons can be purified at a very low operating cost.
- Safe - No dangers of overdose, no chemical addictions.
- Easy - Easy installation and maintenance
- Automatic - Continuous or intermittent disinfection without special attention.
- Versatile - Capacities range from 90 to 450 gallons per minute (g.p.m.)



Water quality recommendations

- For applications with municipal network water: Turbidity: 5 N.T.U.
- Total suspended solids: 10 milligrams per liter (mg/L)
- Maximum (p.p.m.)
- pH: 6.5 - 8.5
- Color: None
- Hardness: 6 grains per gallon (g.p.g.) or 102 parts per million (p.p.m.)
- Iron: 0.3 milligrams per liter (mg/L) - maximum (p.p.m.)
- Magnesium: 0.05 milligrams per liter (mg/L) - maximum (p.p.m.)

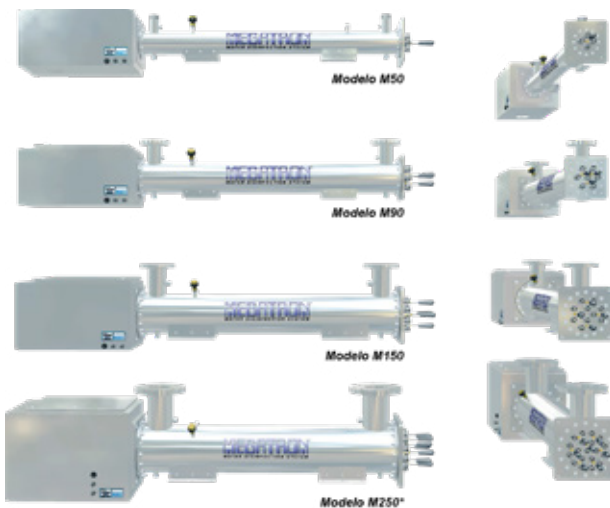
MEGATRON LINE® / UV SYSTEMS

ULTRAVIOLET SYSTEMS

Part Number	Description	GPM	In/Out	Voltage
24-1516A1	M150 UV system with digital monitor and manual wiper, 110V, 60Hz	325GPM	"4" Lap Joint	12Flage"12
24-1514A1	M150 UV System with Digital Monitor and Auto Wiper, 120V, 60Hz.	325GPM	"4" Lap Joint	12Flage"12
24-1518A1	M150 UV system with digital monitor and manual wiper, 220V, 60Hz.	325GPM	"4" Lap Joint	12Flage"12
24-1517A1	M150 UV system with digital monitor and automatic wiper, 220V, 60Hz.	325GPM	"4" Lap Joint	12Flage"12
24-2519A1	M250 UV system with digital monitor and manual wiper, 110V, 60Hz.	560GPM	"4" Lap Joint	12Flage"19
24-2514A1	M250 UV system with digital monitor and automatic wiper, 120V, 60Hz.	560GPM	"4" Lap Joint	12Flage"19
24-2516A1	M250 UV System with Digital Monitor and Manual Wiper, 220V, 60Hz.	560GPM	"4" Lap Joint	12Flage"19
24-2520A1	M250 UV system with digital monitor and automatic wiper, 220V, 60Hz.z.	560GPM	"4" Lap Joint	12Flage"19

SPARE PARTS

Part Number	Description
05-1313A	Lamp all Megatron models
15-1000A	Quartz sleeve all Megatron models
10-1178	Electronic ballast for two Megatron lamps
35-1112A	Socket all Megatron models
00-1238A	O-ring for quartz all models
25-1235A 1	22mm Teflon O-ring for all models





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CLEAR WATER TECH LINE® / OZONO SYSTEMS

ULTRAVIOLET OZONE GENERATOR

Part Number	Model	Grams per hour	SCFH	120 V/60Hz Amps.	240 V/60Hz. Amps.	Weight KG
CS180	CS-1400	0.5	30	0.8	0.47	7.5
UV28130	UV-2800	1	60	16	0.94	12.5

MICROZONE SERIES

Part Number	Model	Grams per hour	SCFH	120 V/60Hz Amps.	240 V/60Hz. Amps.	Weight KG
CD300	MICROZONE 300P - 120V 60HZ, 0.3GH	0.3	6	0.30	0.16	1.0
CD325	MICROZONE 325 - 120V 60HZ 0.325 @ 6.0	0.3	6.5	0.30	0.20	2.26
CD550	MICROZONE 550 - 120V 60HZ 0.550 @ 6.0	8.0	20	0.50	0.30	2.72

MINI SERIES

Part Number	Model	Grams per hour@ SCFH		Residual lpm 50% TM		Weight KG
		Dry air	Oxygen	0.4 pmm	0.2 pmm	
CD1010	CD10/AD	1.3@4	-----	27	54	7.2
CD1030	CD10	1.3@4	4@4	83	167	47
CD1090	CD12/AD	2.6@8	-----	54	908	17
CD1080	CD12	3@8	8@8	167	333	7.2



CS-1400



UV-2800



MICROZONE 300



MICROZONE 300P



MICROZONE 500



CD10



CD10/AD



CD12



CD12/AD



CLEAR WATER TECH LINE® / OZONO SYSTEMS

ULTRAVIOLET OZONE GENERATOR

Part Number	Model	Grams per hour@ SCFH		Residual lpm 50% TM		Weight KG
		Dry air	Oxygen	0.4 pmm	0.2 pmm	
M140	M1500	2.8@7	7.6@7	158	317	16
M242	CD1500	4.5@10	10@7	208	417	16
M246	CD1500P	-----	13.5@6	313	625	16
M370	CD15NX	8@10	15@7.5	312	625	14
P140	P-2000	5.6@14	14@14	292	583	24.5
P242	CD2000	9@20	20@14	417	833	24.5
P246	CD2000P	-----	27@12	563	1125	24.5
P370	CD30NX	16@20	30@15	625	1250	19.5

GENERATORS FOR INDUSTRIAL USE

Part Number	Model	Grams per hour		Weight concentration	Residual lpm 50% TM		Weight KG
		@ SCFH Oxygen			0.4 pmm	0.2 pmm	
CD4000	CD-4000	28@28		3	583	1167	74.5
CD4100	CD-4000HO	40@28		4	833	1667	74.5
CD4200	CD-4000P	56@24		6	1167	2333	74.5
CD6000	CD-6000	37@42		3	771	1542	132
CD6100	CD-6000HO	60@42		4	1250	1167	132
CD6200	CD-6000P	84@36		6	1750	3500	132
CD8000	CD-8000	52@56		3	1083	2167	157
CD8100	CD-8000HO	80@56		4	583	2500	157
CD8200	CD-8000P	112@48		6	2333	4667	157
CD12000	CD-12000	81@84		3	1688	3375	210.5
CD12100	CD-12000HO	120@84		4	2500	5000	210.5
CD12200	CD-12000P	170@72		6	3542	7083	210.5



CD1500



CD1500P



CD2000



CD2000P



CD30NX



CLEAR WATER TECH LINE® / POOL LINE

GENERATORS FOR INDUSTRIAL USE

Part Number	Grams per hour@ SCFH	Weight concentration @ SCFH Oxygen	Pool capacity GPM
SKIDCD10	4004	3	25,000
SKID M-15/02	7607	3	40,000
SKID CD15 NX	1508	5	60,000
SKID CD20/02	20014	4	80,000
SKID CD30NX	30015	5	120,000

OXYGEN CONCENTRATORS

Part Number	Model	Compatible with	Max. SCFH @ O290%	Max. Pressure	120 V/ 60 Hz Amps	240 V/ 60 Hz Amps
OXU80	110V	CD15NX	8	10	3	16
OXU85	220V	CD15NX	8	10	3	16
OXU100	110V	CD30NX	15	10	3.8	2.1
OXU110	220V	CD30NX	15	10	3.8	2.1
RMS30120L	RMS30	CD4000, CD4000H0,CD4000P	30	10	6.6	-----
RMS45220L	RMS45	CD6000, CD6000H0,CD6000P	45	10	-----	4.7
RMS60220L	RMS60	CD8000, CD8000H0,CD8000P	60	10	-----	6.2
RMS75220L	RMS75	CD12000P	72	10	-----	7.8
RMS90220L	RMS90	CD12000, CD12000H0	90	10	-----	9.3



Note

For each project, you must study the conditions and determine whether you apply the proposed schema or whether changes are required. The application of ozone greatly reduces the use of secondary products such as sodium hypochlorite.



Systems include:

Ozone generator, oxygen concentrator, empty breaker, injection box, control box and interconnections.



CLEAR WATER TECH LINE® / VENTURI KYNAR

VENTURI KYNAR

Part Number	Description	In / Out	Flow
VO133	Venturi Kynar # 384 FDA	1/2" NPTM/	3 A 8
VO263	Venturi Kynar # 684 FDA	3/4" NPTM	8 A 20
VO334	Venturi Kynar # 1078 FDA	1" NPTM	12 A 30
VO423	Venturi Kynar # 1584 FDA	1 1/2" NPTM	16 A 40
VO515	Venturi Kynar # 2081 FDA	2" NPTM	32 A 80

CONTACT COLUMNS

Part Number	Description	In / Out	Flow
CNT30	Contact Column	1- 1/4"	30 Gal
CNT40	Contact Column	1- 1/4"	40 Gal
CNT80	Contact Column	1- 1/4"	80 Gal
CNT120	Contact Column	1- 1/4"	120 Gal
CNT264	Contact Column	1- 1/4"	264 Gal
CNT463	Contact Column	3" Flange	463 Gal
CNT850	Contact Column	4" Flange	850 Gal

COLUMN ACCESSORIES

Part Number	Description	Features
VAS3	Ven-auto-off-gas 1/2" inlet x 1/4 outlet	Only VENTURI, 100 PSI max.
OCD12	Ozone Destroyer With Trap	120V/60HZ
OCD22	Ozone Destroyer With Trap	240V/50-60HZ



CLEAR WATER TECH LINE® / PRODUCT PARTS

Part Number	Description
AC60	Compressor for OAS7, 120V 60Hz
AD22	AD40 air dryer
ADP100	Assembled Air Preheater with 24V Solenoid for CD 10 / AD Systems
ADP20	Universal heating elements for all systems with air preheaters
ADP200	120V Solenoid Assembled Preheater for AD40 Systems
ASP100	Maintenance kit for UV2800 systems. Unsealed lamp
ASP110B	Maintenance kit for CD10AD systems
ASP120D	Maintenance kit for M15AD & CD15AD systems
ASP125D	Maintenance kit for M1500 & CD1500 systems
ASP128E	Maintenance kit for P2000 systems
ASP128F	Maintenance kit for CD2000 systems
BL25SA	Ballast for S-1200 / CS-1400 models
BL30SA	Electronic ballast for UV-2800 model
CD285	Ballast for microzone 300 and microzone 300P 120V / 60H
CD287	Microzone 300 - chamber S.S.
CKAC10	1/4" check valve
CKV21	1/4" X 1/4" FPT check valve, pvc, viton seal
CKV22	1/4" check valve, MPT inlet, 1/4" FPT outlet, pvc, viton seal (ozone outlet).
CKV55	Check valve for - UV, 3/16" esp x esp kynar, viton diagram. (S-1200)
CKV60	Check valve for - UV, 1/4" esp x esp kynar, viton diagram. (CS-1400)
DES12	Non-indicator desiccant for preheat cells
DES16	Indicator silica gel refill, 1lb
DES30	Transparent PVC module assembled with indicating silica gel
DLV30	1/4" OD Teflon hose. Price per FT.
DRM10	Complete module for M1500 to CD12000 systems
DRM12SA	Complete module for CD4000 to CD12000 systems
ECC160	Thermostat electrical component, 150 F
ELPC5020SA	Card (board 2A) for CD10 / AD systems
ELPC5031SA	Card (board 3A) for CD10 / AD systems
ELPC5040SA	High voltage board (board 4A) for CD10 / AD systems
ELPC5050SA	Card (board 5A) let display for CD10 / AD systems
ELPC5060SA	Complete card set for CD10 / AD systems
ELPC5100SA	Systems Card - M1500 to CD 12000
ELPC5210SA	High voltage card for CD15AD / CD2000 systems. rev 6
ELPC5250SA	150W power card
ELPC5300SA	300W power card
ELPC5430SA	4-20m card
ELTR100	Transformer for CD10 and CD10AD systems
FA20	3" preventive filter for UV2800 system fans
FA31	3" cooling fan 120V 50/60 Hz for systems UV2800



CLEAR WATER TECH LINE® / PRODUCT PARTS

Part Number	Description
FA40	4" preventive filter for CD series cooling fan
FA41	4" 120V 50/60 Hz cooling fan for CD series systems
FA47	4" 24 VDC 2 position cooling fan
FLT-34	1/4" NPT X 1/4" FPT indicator silica gel in-line filter
FTK133	Kynar Male Thread Elbow - 1/4" NPT X 1/4" COMP
FTK134	Kynar male thread connector - 1/4" COMP
FTK136	Female connector- 1/4" FPT X 1/4" COMP
FTK190	Tee kynar - 1/4" COMP X 1/4" COMP
FTK320	Kynar male thread connector - 1/8" NPT X 1/4" COMP
FTK325	Kynar male thread elbow- 1/8" MPT X 1/4" COMP
FUS20	5amp fuse, slow, for CD series except 240V-M 1500
HVT100	2" reaction cell transformer, high voltage (M1500, M15 / AD, P2000)
HVT275SA	Transformer- HVSTEP UP
ITB10	Interlock box (0/20 SCFH) (0/20 SCFH)
LA15	Lamp for model S-1200
LA25	Lamp for model CS-1400 / UV-2800
OA20	OAS20 compressor with timer (0-20 SCFH)
ORS30	O-ring set - 2" CD, complete, new style, 6 pcs, rev 3.
ORS50	O / ring set - 1" CD, chamber reaction, complete, CD10 and CD10AD, 4pcs
RCC104	Teflon cap - HV, new style, 2" with o-rings, rev 3.
RCC108	Teflon cap - non-HV, new style, 2" with o-rings, rev 3
RCC54	HV Teflon cap with o-rings, for 1" reaction cell
RCC58	Teflon cap - non-HV, 2" with o-rings
RCC73SA	Dielectric2"
RCC76SA	Dielectric1"
SV100	Solenoid valve for interlock box - 2way, S.S.120V 50 / 60Hz
SV200	Solenoid valve for air preparers without connectors, 3-way valve, 120V 50/60
SV220	24 VDC, 3-way solenoid valve without connectors for CD10 / AD systems
VJB150	1/4" J" type vacuum break



Contact Us



1224 E. Jasmine Ave. Ste D
McAllen, TX 78501



Main: 956-843-0090



www.american-water.com
contact@american-water.com

