



Water Treatment Systems

WTA Series



Mi-T-M Water Treatment Systems provide a better tomorrow by protecting our environment today.

Quality pretreatment of wash water is important for any water treatment system. The WTA Series pretreatment systems can be added to any water treatment system for effective removal of pollutants before being recycled and clarified for reuse or disposal.

WTA Series

Pretreatment Systems

Optional custom biological units are available within the BIO Series family to satisfy your specific applications needs. These set-ups offer your choice of 300-gallon or 600-gallon tank(s).

Pretreatment Systems - 300-Gallons

WTA-300-0M10		
PART NUMBER	INCLUDES	QTY.
12-0072	300-gallon tank with manual dump valve	1
20-1282A01	Tank stand	1

WTA-300CL-0M10 (Single Phase)		
WTA-300CL-0M30 (Three Phase)		
PART NUMBER	INCLUDES	QTY.
12-0072	300-gallon tank with manual dump valve	1
20-1282A01	Tank stand	1
3-0328	Sump pump	1

WTA-300EXP-0M10 (Single Phase)		
WTA-300EXP-0M30 (Three Phase)		
PART NUMBER	INCLUDES	QTY.
12-0072	300-gallon tank with manual dump valve	1
20-1282A01	Tank stand	1
21-0203	Coalescing main media frame	2
21-0204	Coalescing side media frame	2
3-0321	Aeration pump, 3/4 HP, 3Ø	1
3-0331	Aeration pump, 3/4 HP, 1Ø	1
55-0033	Mazzei venturi injector	1

WTA-300SA-0M10 (Single Phase)		
WTA-300SA-0M30 (Three Phase)		
PART NUMBER	INCLUDES	QTY.
12-0072	300-gallon tank with manual dump valve	1
20-1282A01	Tank stand	1
21-0203	Coalescing main media frame	2
21-0204	Coalescing side media frame	2
3-0220	Peristaltic pump	1
3-0321	Aeration pump, 3/4 HP, 3Ø	1
3-0331	Aeration pump, 3/4 HP, 1Ø	1
55-0033	Mazzei venturi injector	1

Pretreatment Systems - 600-Gallons

WTA-600-0M11		
PART NUMBER	INCLUDES	QTY.
12-0069	600-gallon tank with manual dump valve	1
20-1287A01	Tank stand	1

WTA-600CL-0M11 (Single Phase)		
WTA-600CL-0M31 (Three Phase)		
PART NUMBER	INCLUDES	QTY.
12-0069	600-gallon tank with manual dump valve	1
20-1287A01	Tank stand	1
3-0328	Sump pump	1

WTA-600EXP-0M11 (Single Phase)		
WTA-600EXP-0M31 (Three Phase)		
PART NUMBER	INCLUDES	QTY.
12-0069	600-gallon tank with manual dump valve	1
20-1287A01	Tank stand	1
21-0203	Coalescing main media frame	2
21-0204	Coalescing side media frame	2
3-0321	Aeration pump, 3/4 HP, 3Ø	1
3-0331	Aeration pump, 3/4 HP, 1Ø	1
55-0033	Mazzei venturi injector	1

WTA-600SA-0M11 (Single Phase)		
WTA-600SA-0M31 (Three Phase)		
PART NUMBER	INCLUDES	QTY.
12-0069	600-gallon tank with manual dump valve	1
20-1287A01	Tank stand	1
21-0203	Coalescing main media frame	2
21-0204	Coalescing side media frame	2
3-0220	Peristaltic pump	1
3-0321	Aeration pump, 3/4 HP, 3Ø	1
3-0331	Aeration pump, 3/4 HP, 1Ø	1
55-0033	Mazzei venturi injector	1

Leg extensions are available upon request, consult factory.



WTA-600 shown with optional coagulation system, WX-0133

Please contact Mi-T-M Corporation or an Authorized Mi-T-M Dealer for more information about available BIO Series combinations or how we can custom-build a water treatment system to meet your requirements.

WTA Series Accessories & Options

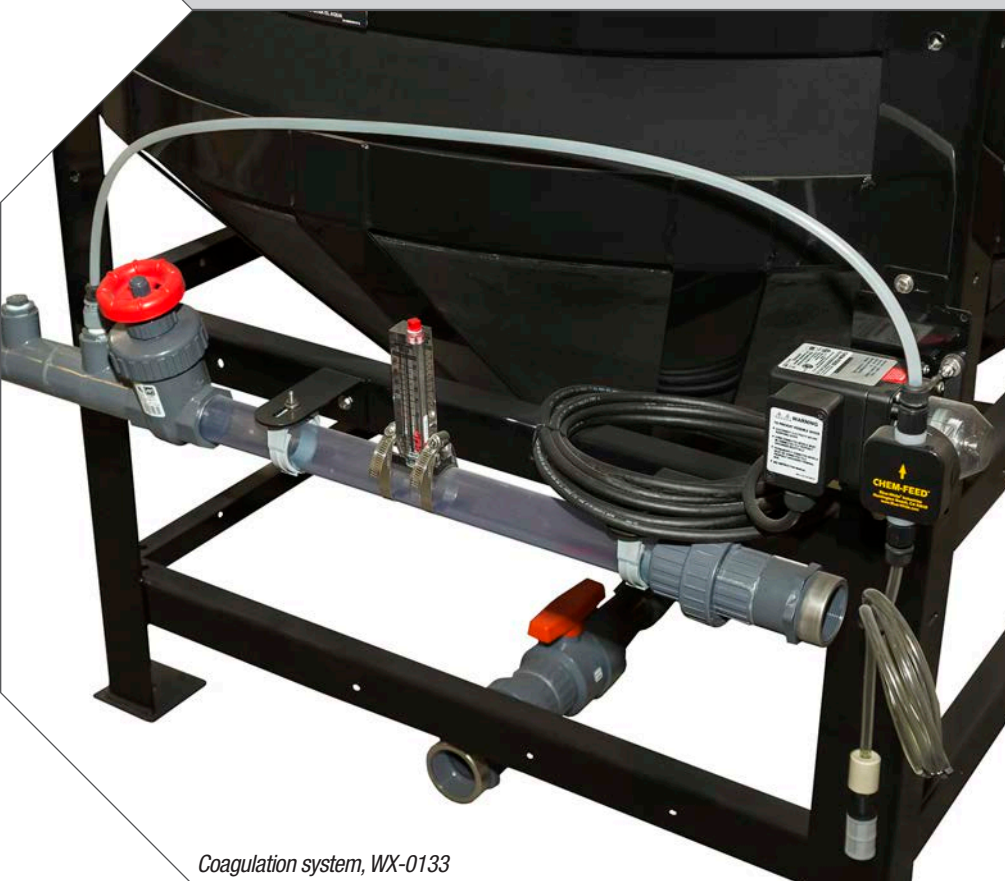
Coagulation System WX-0133

The optional coagulation system is used in heavy solid removal applications. It helps dirt and solids settle out for easy removal.

The system includes:

- Inlet plumbing to WTA tank
- Flow control valve
- Flow meter
- Flow switch and manual switch for pump control
- Adjustable diaphragm chemical pump with injection fittings and chemical hose with strainer
- Mixing tube
- Sampling valve

PART NUMBER	VOLTS	AMPS	CHEMICAL PUMP
WX-0133	120V	.3A	Adjustable from .12 - 4.6 gph



Coagulation system, WX-0133

Accessories

PART NUMBER	DESCRIPTION	FITS MODELS
33-0541	Floating media - Ideal for tanks with small openings, greater gestation	WTA tanks
55-0033	Air fine-bubble injector, 1½-inch - Mazzei used for aeration	WTA tanks
855-0039	Connection plumbing - Ideal for shallow applications	WTA-600 tanks
855-0040	Inlet plumbing for tanks - Bulkhead fittings	WTA tanks
855-0041	Outlet plumbing for tanks - Bulkhead fittings	WTA tanks
855-0058	Sludge tub - For collecting and de-watering sludge from WTA tanks; 1/3 cubic yards capacity; made from 14-gauge powder coated steel; 100-micron filter screen; includes inlet and drain bulkhead, cam and groove fittings; dimensions: 44-in.L x 33-in. W x 24-in. H	WTA tanks
RC-0014-0001	Replacement media, 300-gallons - Replacement coalescing media	WTA-300 models
RC-0016-0001	Replacement media, 600-gallons - Replacement coalescing media	WTA-600EXP & WTA-600SA models
RC-0016-0002	Replacement high solids media, 600-gallons - Replacement coalescing media	WTA-600EXP & WTA-600SA models
RC-0020-0001	Leg extension kit - 16-in.; includes hardware	WTA-600 models

Options:

PART NUMBER	DESCRIPTION	FITS MODELS
WX-0011	Electric dump valve - 230V, 1½-in., auto dump option	WTA tanks
WX-0012	Electric dump valve - 115V, 1½-in., auto dump option	WTA tanks
WX-0013	Pinch valve assembly - Pinch valve, bladder style (used on cone bottom tanks), 1½-in., 230VAC, single phase	WTA tanks
WX-0014	Pinch valve assembly - Pinch valve, bladder style (used on cone bottom tanks), 2-in., 230VAC, single phase	WTA tanks
WX-0037	pH control system, 230V - For when pH adjustment is needed	WTA tanks
WX-0038	Pinch valve assembly - Pinch valve, bladder style (used on cone bottom tanks), 1½-in., 120VAC	WTA tanks
WX-0039	Pinch valve assembly - Pinch valve, bladder style (used on cone bottom tanks), 2-in., 120VAC	WTA tanks
WX-0102	pH control system, 120V - For when pH adjustment is needed	WTA tanks
WX-0115	Floating media - Ideal for tanks with small openings, greater gestation	WTA-300 models
WX-0116	Floating media - Ideal for tanks with small openings, greater gestation	WTA-600 models
WX-0118	High solids media - Allows for debris to travel easily through media with vertical design	WTA-300 models
WX-0119	High solids media - Allows for debris to travel easily through media with vertical design	WTA-600 models
WX-0128	Hour meter - Displays the number of hours unit has been in operation	WTA tanks
WX-0133	Coagulation system - Used in heavy solids applications; helps dirt and solids settle for easy removal	WTA tanks
WX-0134	Dual pH control system, 230V - For when pH adjustment is needed, will adjust pH levels up and down, has dual set points	WTA-600 models
WX-0135	Dual pH control system, 115V - For when pH adjustment is needed, will adjust pH levels up and down, has dual set points	WTA-600 models
WX-0140	Heater, 230V - Promotes heat for microbes, powered from main box, additional 20A required	WTA-EXP & WTA-SA models
WX-0141	Heater, 460V - Promotes heat for microbes, powered from main box, additional 20A required	WTA-EXP & WTA-SA models

WTA Series Installation



*BIO-20R installation
featuring a WTA-600*



Performance Under Pressure.®

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