



Mazzei® Chemical Injectors

- Chemical stops when flow stops
- Trouble-free, no moving parts
- Made from durable plastic for maximum life

Mazzei Injectors are high-efficiency Venturi-type differential pressure injectors. A pressure difference between the inlet and outlet ports of the injector body initiates suction through the suction port. This suction can then inject chemicals into the motive stream.

Most Mazzei Injectors initiate suction when the outlet pressure is only 20% less than the inlet pressure. Full suction for liquids is achieved when the pressure differential is approximately 50%. Operating costs are minimal due to their unsurpassed efficiency, and the one-piece design makes these injectors trouble-free. Choose from polypropylene or PVDF. Additional sizes are available from 1/2 to 12" as special order. Contact USABlueBook for more details.

MODEL#	SIZE NPT(M)	WATER SUCTION @ 20 PSID (GPH)	POLYPROPYLENE		PVDF-KYNAR®	
			STOCK #	EACH	STOCK#	EACH
878	1"	82.9	MD-26978	\$ 61.95	MD-26982	\$ 87.95
885X	1"	142.0	MD-26977	61.95	MD-26981	87.95
1078	1"	98.2	MD-26980	61.95	MD-26984	87.95
1583A	1 1/2"	228.0	MD-26985	87.95	MD-26988	125.95
1585X	1 1/2"	308.6	MD-26987	87.95	MD-26990	125.95
2081A	2"	631.0	MD-26991	159.95	MD-26993	229.95
3090	3"	1,416.0	—	—	MD-26995	569.95



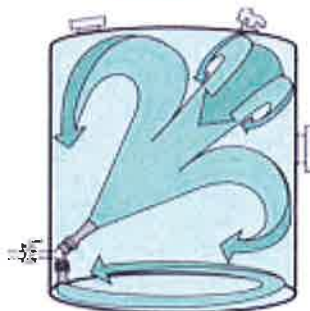
Tank Mixing Eductors

- Improve tank circulation

Eductors use a unique venturi design that enables circulating pumps to move larger volumes of tank solution. The eductor can circulate four to five gallons for each one gallon pumped.

Eductors are ideal for mixing chemicals, suspending solids, adjusting pH, "sweeping" debris or sludge towards an intake pipe, and similar applications. Our stock eductors are made of glass reinforced polypropylene.

To select the correct eductor size and quantity required, provide the capacity and psi of your pump. The tank style and dimensions are helpful.



PIPE SIZE NPT(M)	LENGTH	DIA	STOCK #	EACH	QUANTITY
3/8"	4 1/2"	2 1/8"	MD-13910	\$ 20.00	CALL
1/2"	6 7/16"	2 1/2"	MD-13918	20.00	CALL
3/4"	6 3/8"	3 1/8"	MD-13912	22.00	CALL
1"	9 11/16"	3 7/8"	MD-13914	35.00	CALL
1 1/2"	9 3/4"	4 1/2"	MD-13916	59.00	CALL

PlantPRO® Settling Agent Concentrate

- High molecular weight cationic polymer flocculent



PlantPRO Settling Agent is a premium polymer flocculent designed to pull suspended solids out of wastewater for faster clarification. It may be used alone or in conjunction with alum or other flocculating agents, and it contains unique buffering agents to assure proper flocculation over a wide pH range. This product is nontoxic, biodegradable, and will not upset the bacterial action of digesters.

Feed at a point of sufficient agitation so that it is evenly distributed when the waste stream reaches the primary clarifier or settling basin. Drip or meter the required amount (from 2 quarts to 3 gallons of diluted solution) of settling agent for each 10,000 gallons of sewage. For easier drip application, the required amount of this product may be diluted 1:5 with water before addition to the waste stream.

For ponds or lagoons, apply 10 to 20 gallons of settling agent per million gallons of water. Distribute evenly by spraying over surface or dripping at a point of agitation. **Stock numbers 48186 and 48191 ship motor freight.**

SIZE	STOCK #	EACH
55 Gallons	MD-48186	\$ 760.00
30 Gallons	MD-48191	380.00
5 Gallons	MD-48192	73.00
4 (1-Gallon Bottles)	MD-48194	65.00



OPTI-Pro™ Polymer Dispersant

- Non hazardous; no caustics, ammonias, solvents or acids!
- Safe enough to use as a handwash

Great at solving the filter blinding problems on the belts of a belt filter press or gravity belt thickener, or for cleaning up polymer spills. Keep a spray bottle of Opti-Pro, diluted 10:1, by the sink to get that nuisance polymer off of your hands.

We recommend that all chemical feed pumps pumping polymer be flushed out periodically with Opti-Pro to prevent build-up and keep the check valves working properly.

Opti-Pro contains no caustics, ammonias, solvents or acids, while maintaining a neutral pH. Opti-Pro passes Priority Pollutant Scans, toxicity analysis, corrosion tests and fabric tests, making it one of the safest polymer dispersants available today.

DESCRIPTION	STOCK #	EACH
Opti-Pro, 5 Gal	MD-48227	\$ 142.00
Opti-Pro, 55 Gal Drum	MD-48228	1,294.00