



## Static Mixer

Static mixers or motionless mixers are fins, obstructions, baffles or channels mounted in pipes, designed to promote mixing as fluid flows through the mixer. Lancaster Water Treatment's MM-2 Motionless Mixer utilizes a baffle device inserted into the plumbing system to increase the turbulence and improve the mixing characteristics of the fluid flow. The MM-2 has a 1" inlet/outlet with a 1/2" injection port for a chemical feed pump.



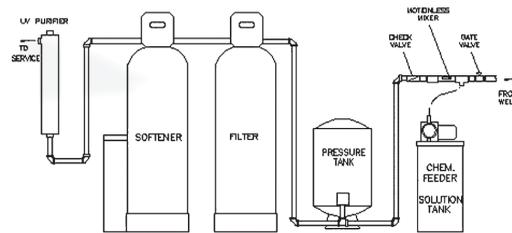
(Solution tank sold separately)

PART NUMBER	DIMENSIONS (DIA X HT)
ST-16	14 3/8 x 25
ST-35	18 3/8 x 33 1/4

## Chemical Feed Pumps

Chemical feed pumps are usually installed in connection with private well systems. Chemical solution feeders may be used to introduce solutions into household water supply for treatment purposes. Chlorine or potassium permanganate for the oxidation of iron and manganese, soda ash for the neutralization of acid water and polyphosphates for the control of soluble iron can all be used with these feeders.

**The disinfection of water and the treatment of pH imbalance by chemical injection are reliably accomplished with the Lancaster Chemical Pump Series, 100 residential, 200 commercial.**



(Typical System)

## #100 SPECIFICATIONS

MODEL NUMBER	DESCRIPTION	DIMENSIONS	PRESSURE RANGE	OUTPUT CAPACITY	STROKES PER MINUTE	ELECTRICAL REQUIREMENTS	TEMPERATURE LIMITATIONS	SHIPPING WEIGHT
007	Pump Only	6.75"x8.75"x7.25"	0-100 PSI	0-7 GPD	13	-1 for 115V 60HZ	125°F Max Pump Components	8 LBS.
015				0-15 GPD	25	-1 for 115V 60HZ -2 for 230V 60HZ		
024				0-24 GPD	51			
030				0-30 GPD	50			

## #200 SPECIFICATIONS

MODEL NUMBER	DESCRIPTION	DIMENSIONS	MAX PRESSURE	OUTPUT CAPACITY	ELECTRICAL REQUIREMENTS	TEMPERATURES LIMITATIONS	SHIPPING WEIGHT
210	Pump Only	7.75"x7.25"x15.25"	150 PSI	0-10 GPD	-1 for 115V 60HZ -2 for 230V 60HZ	122°F	17 LBS.
215			150 PSI	0-15 GPD			
220			150 PSI	0-20 GPD			
230			125 PSI	0-30 GPD			
240			125 PSI	0-40 GPD			
260			125 PSI	0-60 GPD			
280			100 PSI	0-80 GPD			
2-100			100 PSI	0-100 GPD			
2-120			80 PSI	0-120 GPD			

**LANCASTER®**  
**WATER TREATMENT**

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