

The JCS Industries Model 4140 VIM-OC Vacuum Induction Mixer is a proven and reliable device that utilizes vacuum to safely and effectively induce both gaseous and aqueous chemicals into open channel water stream applications.

The 3500 rpm mixer delivers a high degree of chemical dispersion and mixing efficiency.

The robust design as well as the high quality of materials used enables the JCS Model 4140 to stand up to any harsh environment application. The materials of construction can be changed to accommodate chemical compatibility.

The JCS 4140 VIM-OC is available in sizes range from 1 to 20 HP.

Compatible Chemicals

Chlorine
Liquid Ammonia Sulfite
Sodium Bisulfite
Sodium Hypochlorite
Sulfur Dioxide
Ambient Air
Oxygen



Up to a 20% Reduction in Chemical Usage

Low Energy Consumption

Single Phase or Three Phase

Available from 1-20 HP

Simplex & Duplex Configuration

Meets and Exceeds G-500 (Velocity Gradient Coefficient)

Electrical Requirements *	● 120/240 VAC single phase /480 VAC 3 phase
Operating Temperature	● 30 degrees to 150 degrees F
Connection *	● 1/2", 3/4", 1", 1 1/2" FNPT
Motor Housing	● 316STAINLESS STEEL
Control Input	● Remote Start/Stop, Timed alternation (Duplex)
Dimensions 4" Motor	● 18"L x 4"W / Weight 45 Lbs (Pump)
Dimensions 6" Motor	● 20"L x 6"W / Weight 60 Lbs (Pump)

*Varies with Capacity

Model #	HP	Maximum Gas Induction Cl2 PPD	Maximum Liquid Induction GPD	Maximum Vacuum Hg
4140-OC-2	2	500	21600	18
4140-OC-3	3	1500	21600	18
4140-OC-5	5	3000	36000	22
4140-OC-7.5	7.5	4500	43200	23
4140-OC-10	10	6000	57600	23
4140-OC-15	15	8000	72000	26
4140-OC-20	20	10000	86400	26

- Control Panels offered in several configurations, please consult JCS Industries for specific requirements.
- Mixer hoist and rails are application specific, please consult JCS Industries for specific requirements.
- Vacuum Chamber and Mixing prop offered in different materials of construction, please consult JCS Industries for available options.