

GATLIN DISTRIBUTION HEAD

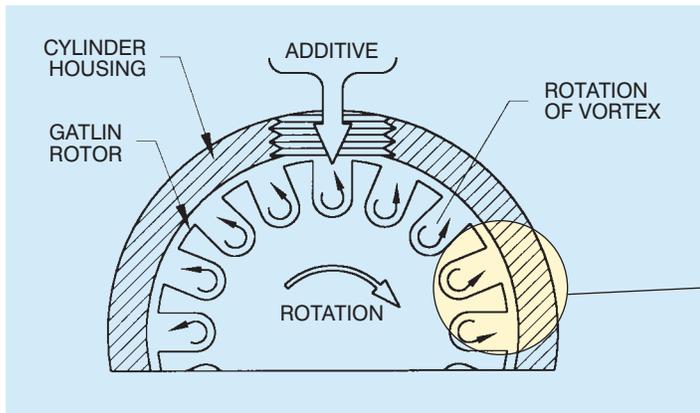
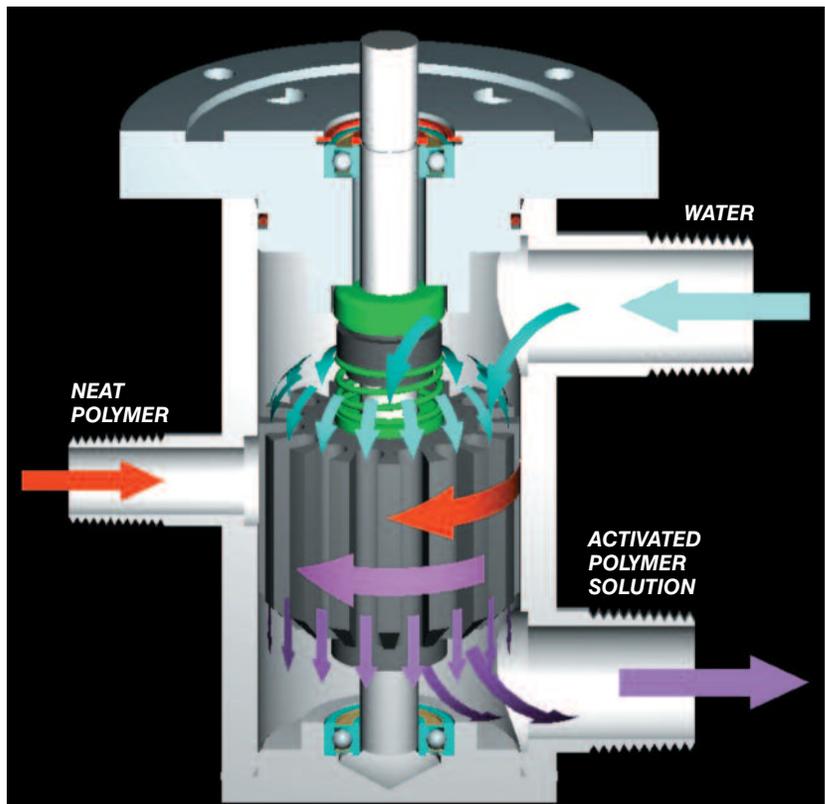
The patented, motorized Gatlin distribution head hydraulically segments polymer into ultra thin film platelets maximizing the polymer surface area exposed to dilution water, providing maximum activation. **Degree of activation is not affected by fluctuating water pressures or dilution water ratio changes.**

How It Works

The Gatlin provides a rapid, high energy initial introduction of polymer to water followed by gentle, low shear mixing in a multi-stage static mixer.

The rotating, slotted head operates at close tolerance to the inner wall of the mixing chamber. The clearance does not permit fish-eyes or gels to form. The slotted rotor creates a series of high velocity vortices without the use of turbine blades which can damage fragile polymer chains.

Superior performance proven repeatedly in side-by-side tests with other blending machines.



HOW TO SIZE AND SELECT

Follow these easy steps to select the correct Polymaster™ unit:

1. Determine the amount of neat polymer required. This will determine the pump size.
2. Determine the correct dilution ratio at which the polymer is to be used. This will determine the Polymaster™ model.

Example: 2.5 gph of liquid polymer is required. The desired application rate is a 0.5% solution (200:1 dilution). Therefore, a pump 2.5 gph or greater is required. The dilution water requirement is (200 x 2.5) 500 gph.

3. Select correct Polymaster™ and pump combination.

Example: Decide if the unit is to be manual or automatic. Assuming an automatic model is desired, select an automatic Polymaster™ with greater than 500 gph water capacity: the Model PA-600 is selected.

Select a pump with a capacity greater than 2.5 gph: the 4.5 gph automatic pump (Model 107804A) is selected.

Order Polymaster™ Model PA-600 with pump Model 107804A.