



## CHEM FLOWTRONICS

### CFD Series Mixers



#### DIRECT DRIVE

- **MOTOR HP** — ¼ thru 2.
- **MOTOR TYPE** — C-Face; totally enclosed fan cooled, explosion proof, SCR solid state variable speed, and air motor variable speed drives are available.
- **MATERIALS** — Cast aluminum housing, cast steel clamp; steel, 304ss shafts, and propellers; other materials available.
- **OUTBOARD BEARING** — supports the shaft to minimize ship and vibrations with long extensions, and under changing load conditions.
- **SHAFT COUPLING** — is located between the bearings, for maximum rigidity and concentricity. Since it is inside the housing, it is well protected from product splash and vapors as well. Easy access with an Allen wrench through a pipe-plugged hole in the housing.
- **UNIVERSAL CLAMP** — mounts and dismounts quickly from tank wall, bracket, beam or sawhorse. 90° vertical and 360° horizontal rotation allows positioning for maximum effectiveness; cast steel.
- **LARGE DIAMETER SHAFTS** — reduce vibration and whip, even in non-viscous products.
- **HI-FLO PROPELLERS** — are supplied for maximum mixing efficiency with a wide range of products.
- **SPECIAL IMPELLERS** — are available for high shear and other less common applications.
- **GEAR REDUCTION UNIT** — has a ratio producing 410 RPM output for maximum power input.

Single phase, 60Hz, 115/230 volt motors supplied with on/off switch, 10-foot cord, and 3-prong plug.



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