

### Product Description

Our GL series consists of closed-welded reactors without a large main opening.

### Development

The GL and CGL Series are made possible by DDPS's adjustable blade GlasLock® agitator. The agitator blades are readily passed through the manway for installation into the impeller hub. The logical progression was to develop a reactor having no main cover at all, since none is needed. In most cases, GL reactor manways are conveniently larger. For example, in sizes 750 through 2000 gallon, SA Series reactors have 14" x 18" elliptical manways; the GL reactors in these sizes have an 18" round manway. Connections are identical for conventional GL and SA Series jackets.

### Features

All GL reactors are lined with 3009 glass and come equipped with a GlasLock agitator with adjustable blades. A fixed speed drive is vertically mounted to keep nozzles and accessories unobstructed for operational use.

### Specifications

- Volumes from from 300 to 10,000 gallons
- Pressures from full vacuum to 130 psig (8.7 bar)
- Temperatures from -20 °F (-29°C) to 500 °F (260°C)

### Options

Conventional jackets (GL Series) or HemiCoil® split pipecoil jackets (CGL Series)

#### ADVANTAGES

The elimination of the main opening in the GL reactor design offers a variety of advantages including:

- Reactors with higher internal pressure rating (up to 130 psig compared to a conventional 100 psig)
- Gain in top head strength
- More and larger process nozzles
- Larger manways
- No need for large gasket (and possible shimming)
- Fewer spare parts needed
- Reduced principal area for potential leaks



*A new GL-6000 is loaded for shipment from our Corpus Christi TX facility.*

