



**GIW Industries, Inc.** (A KSB Company)  
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**GIW® Minerals**

## Hydrocyclones for Mineral Processing



## Choose the GIW® Hydrocyclone for Mineral Processing Applications

### Safe, Simple Lift Points

Two sturdy lift points ensure safety and ease of installation and maintenance.

### Fewer Assembly Bolts

The GIW Hydrocyclone requires only 7 bolts for complete rebuild; 5 bolts to replace all parts, and 2 bolts to replace the apex. This provides you with simpler, faster installation and maintenance and improved recovery efficiency.

### Longer Wearing Materials

Long wearing reaction bonded silicon carbide (RBSiC) and urethane construction provides superior resistance to tramp and oversize material, and powder-coated steel resists corrosion.

### Early Wear Detection

Eliminate unplanned outages with wear detection holes for preventative maintenance.

### Reduced Rebuild Time

Patented open cage design and drop in liners eliminate the need for glue or liners, and enable you to reduce rebuild time by up to 75%.

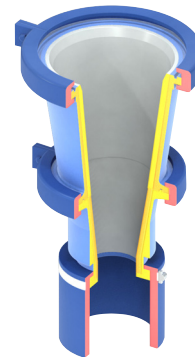
### Precision Alignment

Tongue and groove mating surfaces between cones provide perfect alignment every time.



## Best in Market Safety and Serviceability

The features of the GIW Hydrocyclone combine to ensure you the best in market safety and serviceability. It starts with a superior design featuring precision alignment and patented open cage design and drop in liners, so that you can reduce costly assembly time. Then, GIW uses long wearing materials such as RBSiC, urethane and powder-coated steel to ensure the Hydrocyclone can stand up to tramp, oversize material and corrosion. Finally, details such as wear detection weep holes and safe, simple lift points take the guesswork out of installation and preventative maintenance. Select the GIW Hydrocyclone to help ensure cost-effective and continuous operations.

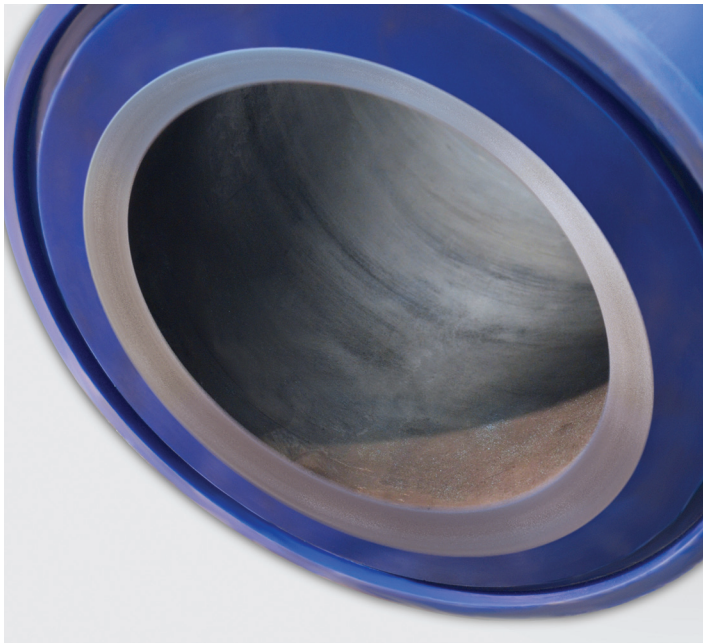
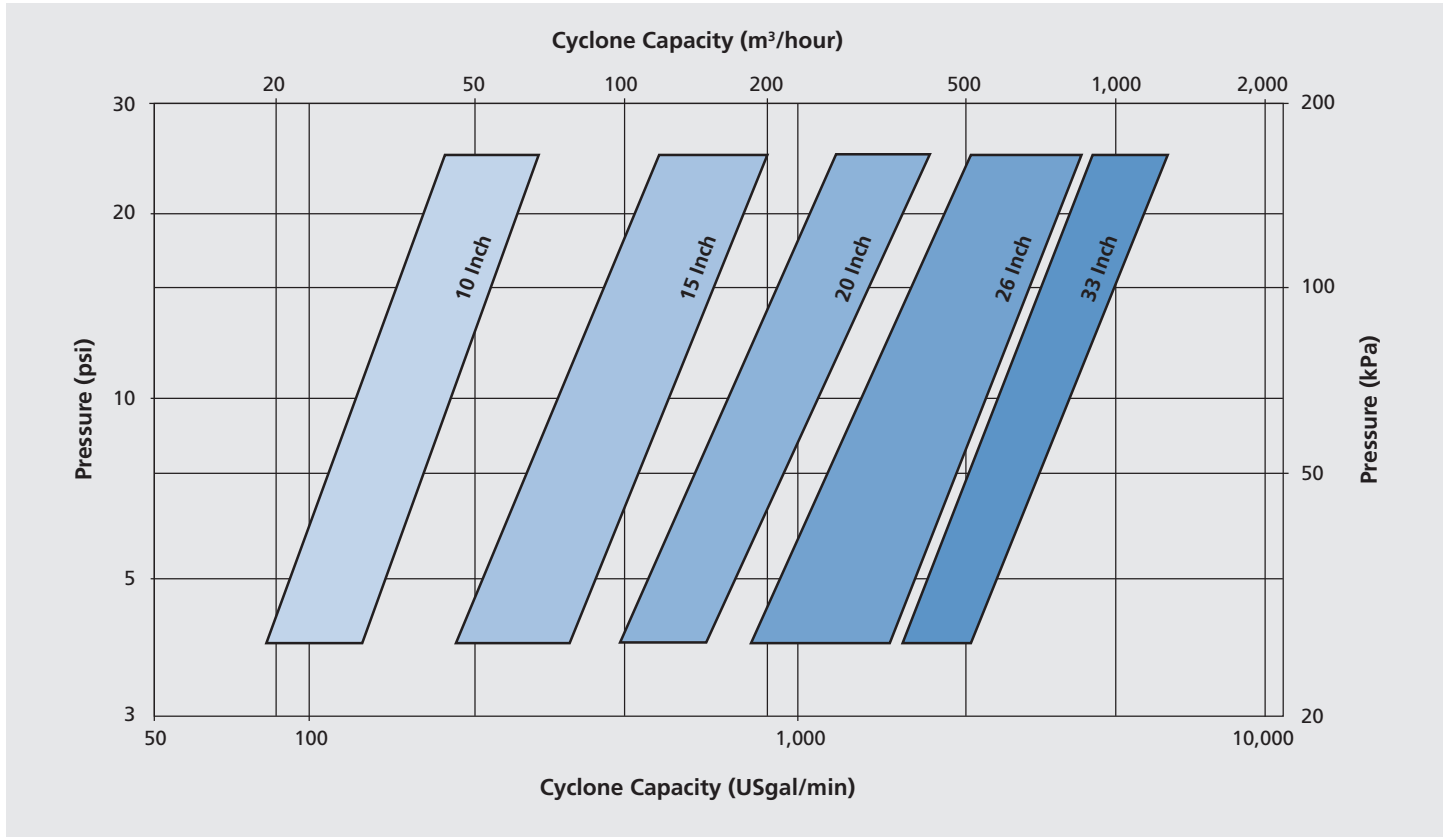


GIW offers APEX replacement kits which are easier to install and longer wearing, saving you time and money.

### Applications

- Size classification
- Dewatering
- Cu, Pb, Zn, Fe, Ni, Mo
- Phosphates and agri-minerals
- Au, Ag, PGMs
- Aggregate processing
- Bitumen processing

## Whatever you need, it's here: GIW offers a full range of sizes



### Patented Long Wearing Ceramic and Urethane Design

#### Applications & Resistance:

- Acid, caustic & corrosive environments & services
- Severe abrasion
- High temperature
- Oil and hydrocarbon
- Phosphate/ potash

#### Benefits:

- Superior resistance to wear
- Reaction bonded SiC apex
- Superior resistance to tramp & oversize material
- No glue, no liners, no hassle
- GIW RBSiC resists wear better than traditional aluminum oxide or nitride bonded silicon carbide ceramics