








## Krebs Molded Urethane gMAX<sup>®</sup> Cyclones

The molded urethane gMAX<sup>®</sup> cyclone is an entirely new breed of Krebs cyclone — re-engineered from apex to vortex finder. The molded urethane gMAX<sup>®</sup> cyclone has the capability to produce finer and sharper particle separations, using larger, high-capacity cyclones.

The gMAX<sup>®</sup> cyclone performance level was formerly only achievable using many small diameter hydrocyclones, at a much higher capital cost.

The gMAX<sup>®</sup> cyclone design includes new modern apex and cone designs that feature performance enhancing benefits. The cyclone inlet and cylindrical sections have been modified to minimize turbulence and wear, but still have the capability to operate at much higher capacities than other hydrocyclones of the same diameter.

Some of the features and benefits of the gMAX<sup>®</sup> cyclone design include the following:

-  25 - 40% finer, sharper separation than standard cyclones.
-  Fewer cyclones needed for optimal performance.
-  Available in sizes ranging from 1" to 10" in diameter.
-  The U2-gMAX<sup>®</sup> cyclone can achieve separation as fine as 10 microns.
-  Numerous cyclones can be manifolded together in a tight space.
-  Works with existing installations.
-  The U10-gMAX<sup>®</sup> utilizes a 2-component molded urethane that provides maximum strength and wear characteristics.

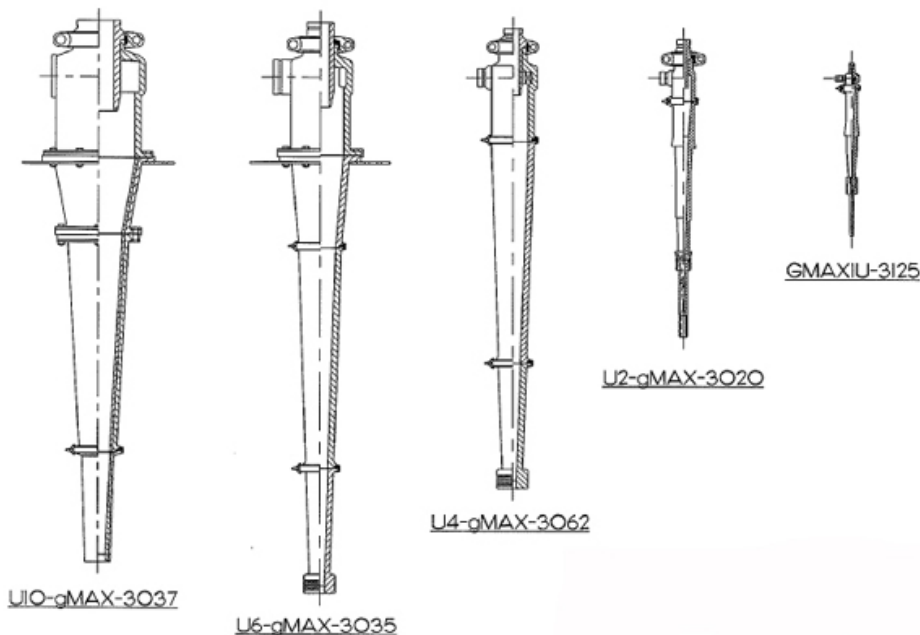


*Krebs 2-component urethane construction.*



*The molded urethane gMAX<sup>®</sup> hydrocyclone produces the performance you need with large diameter cyclones while operating at lower pressures!*

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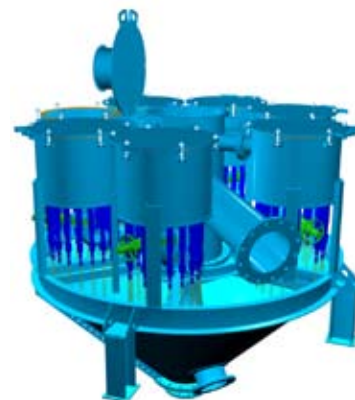


**Krebs Urethane Cyclone  
Performance Table (10 - 30 psi)**

gMAX Cyclone Model	Capacity	
	GPM	m <sup>3</sup> /hr
U0.5 gMAX	0.7 - 1.2	.2 - .3
U1 gMAX	2.9 - 4.9	.7 - 1.1
U2 gMAX	7.4 - 24	1.7 - 5.5
U3 gMAX	14 - 55	3.2 - 12.5
U4 gMAX	24 - 76	5.4 - 17.3
U6 gMAX	57 - 147	13 - 33
U10 gMAX	96 - 500	22 - 114



Spider manifold



Cannister manifold

**Customer Service**

At FLSmidth Krebs, we take pride in the service and support we offer our customers in technical assistance, parts inventory, and product quality. We are dedicated to delivering the highest quality equipment backed by the highest level of technical service and support.

Krebs' engineering staff specialize in all types of separation and classification processes in a wide range of industries. You can depend on Krebs to provide responsive service and expertise when you need it.

**Call for More Details...**

Contact our applications engineering group for more information on Krebs Urethane Cyclones, or visit our web site at [www.krebs.com](http://www.krebs.com).

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