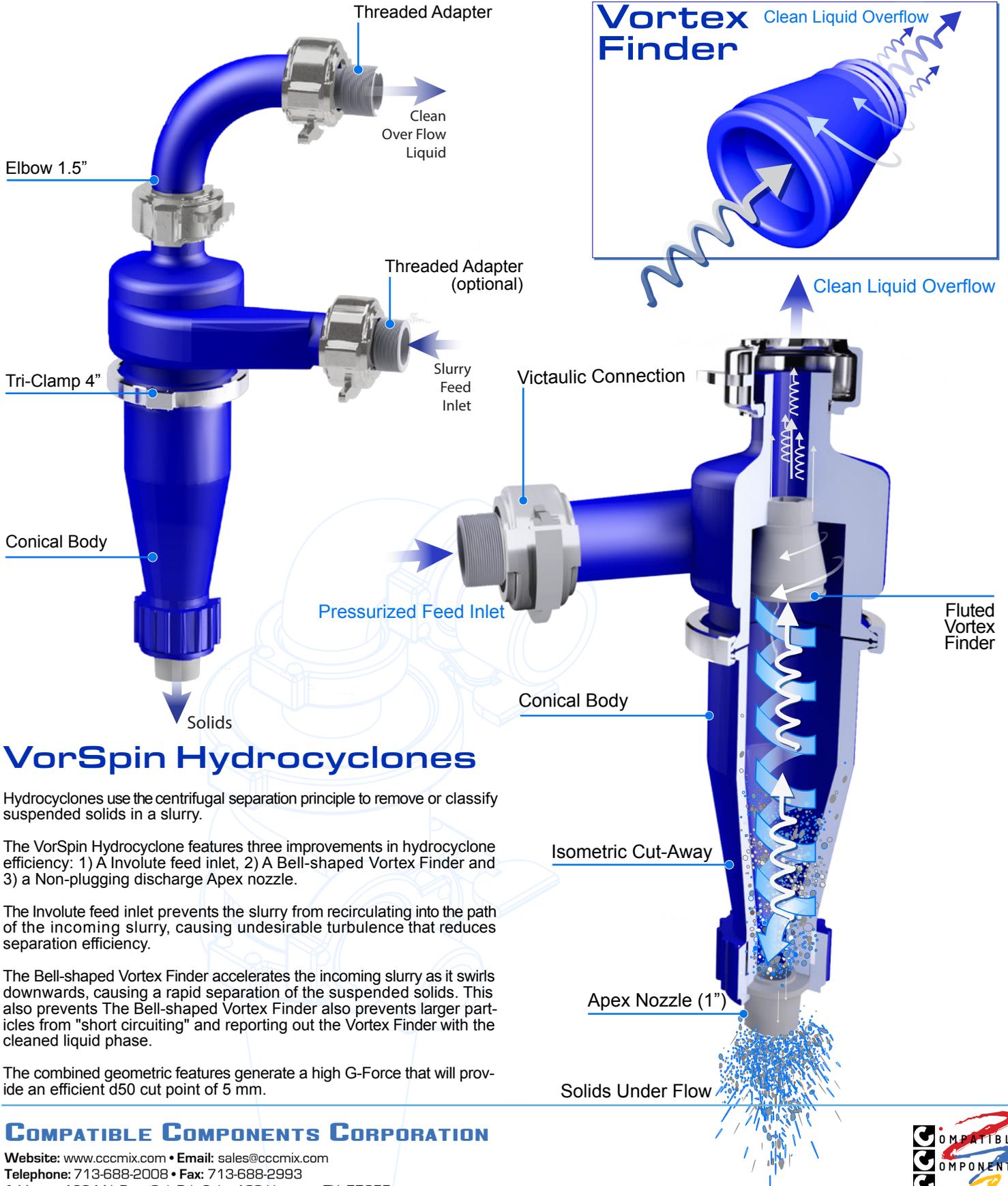


VorSpin Hydrocyclone

Effective & Efficient Liquids/Solids Separation



VorSpin Hydrocyclones

Hydrocyclones use the centrifugal separation principle to remove or classify suspended solids in a slurry.

The VorSpin Hydrocyclone features three improvements in hydrocyclone efficiency: 1) A Involute feed inlet, 2) A Bell-shaped Vortex Finder and 3) a Non-plugging discharge Apex nozzle.

The Involute feed inlet prevents the slurry from recirculating into the path of the incoming slurry, causing undesirable turbulence that reduces separation efficiency.

The Bell-shaped Vortex Finder accelerates the incoming slurry as it swirls downwards, causing a rapid separation of the suspended solids. This also prevents The Bell-shaped Vortex Finder also prevents larger particles from "short circuiting" and reporting out the Vortex Finder with the cleaned liquid phase.

The combined geometric features generate a high G-Force that will provide an efficient d50 cut point of 5 mm.

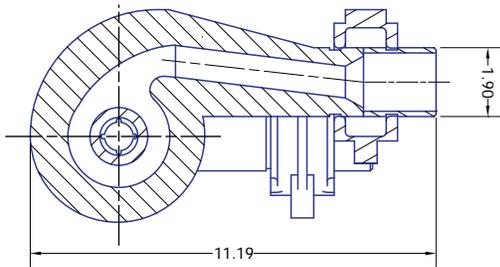
COMPATIBLE COMPONENTS CORPORATION

Website: www.cccmix.com • Email: sales@cccmix.com
 Telephone: 713-688-2008 • Fax: 713-688-2993
 Address: 1234 N. Post Oak Rd., Suite 100 Houston, TX 77055

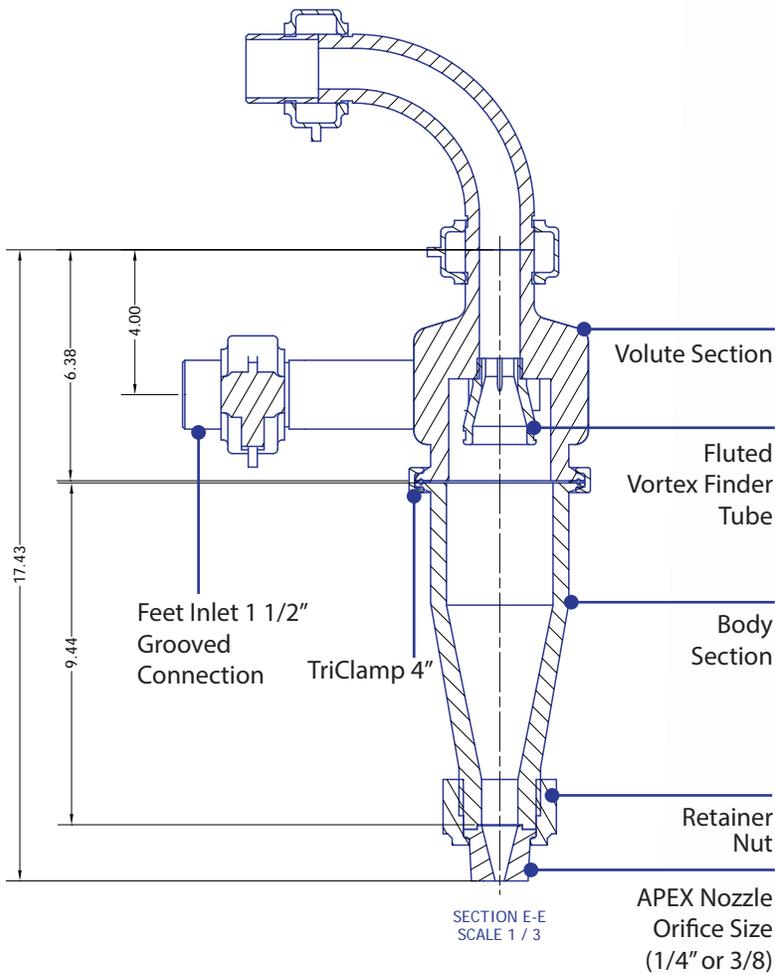


VorSpin Hydrocyclone

Effective & Efficient Liquids/Solids Separation



SECTION F-F
SCALE 1 / 3



SECTION E-E
SCALE 1 / 3

Circular Manifold Arrangement
Provides equal pressure to each VorSpin Hydrocyclone



Primary Applications

- Barite Recovery in weighted drilling fluids.
- Removal of low gravity solids in unweighted drilling fluids

Model AZ-VS-U-2-12
360 GPM @ 40 PSI (92ft/ nd)

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