



Ultra-low Power Consumption Ceramic Disc Filters

Due to its innovative design, the WesTech Ceramic Disc Filter provides superior cake-drying performance while using only 10-25% of the power consumption used by comparable traditional disc filters. The one-piece, pressure-formed disc technology of the

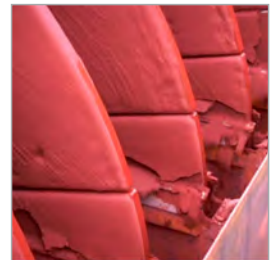
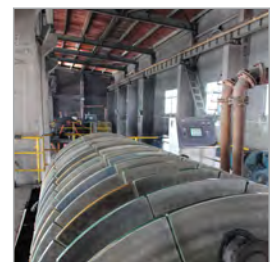
WesTech Ceramic Disc Filter also provides higher backwash pressure and longer-lasting filter media. Contact WesTech and find out why the highly efficient, long-lasting Ceramic Disc Filter is the answer for your high-performance dewatering needs.

Applications

- Mineral Processing
- Chemical Processing
- Pulp and Paper
- Dewatering
- Hydrometallurgy
- Food Processing
- Concentrates
- Most Industrial Applications

Benefits

- Low Power Consumption
- Long Filter Media Life
- Ease of Maintenance
- Proven Technology
- Highly Efficient



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How it Works

Vacuum applies when a sector is fully submerged in the slurry and the port of the rotating barrel passes a dead zone bridge.

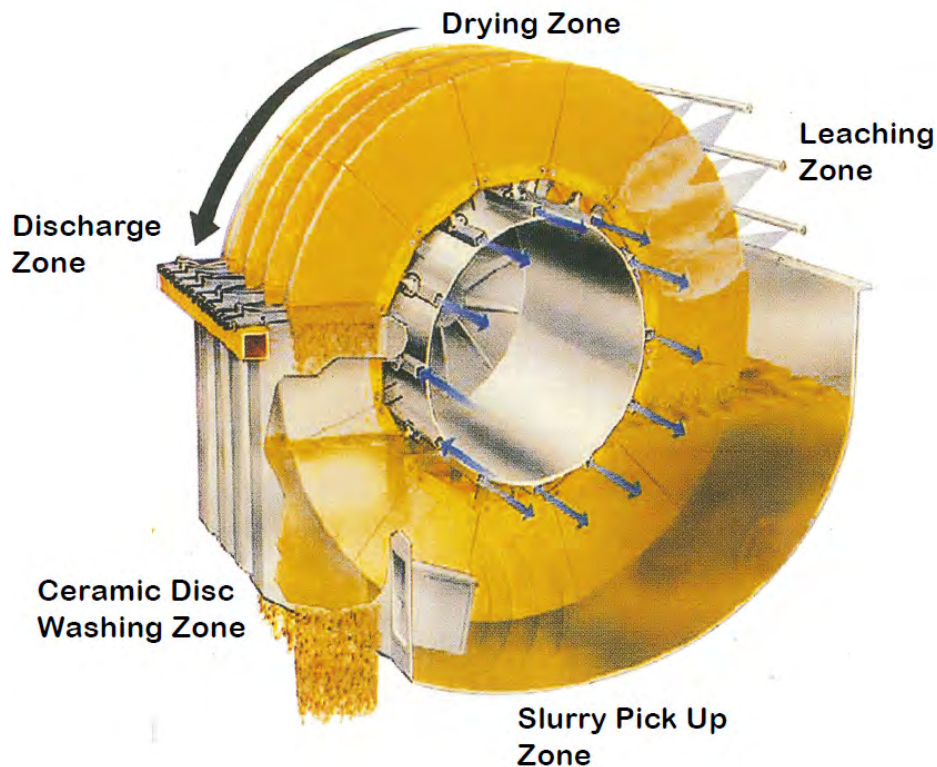
The cake forms until the leading edge of the sector emerges from the slurry and drying commences.

If a washing cycle is desired, jets of water can be sprayed at the cake while the vacuum is applied.

The sector continues to dry the cake under vacuum until the port in the rotating barrel fully covers the dead zone bridge in the valve, and vacuum is stopped.

The cake passes the scraper and falls off to the discharge chute.

Once the barrel port passes the dead zone, that continues until the port opens to vacuum with the sector fully submerged and the next cycle starts.



For more information on how you can use WesTech Ceramic Disc Filters in your process, please contact WesTech Engineering Inc.:

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