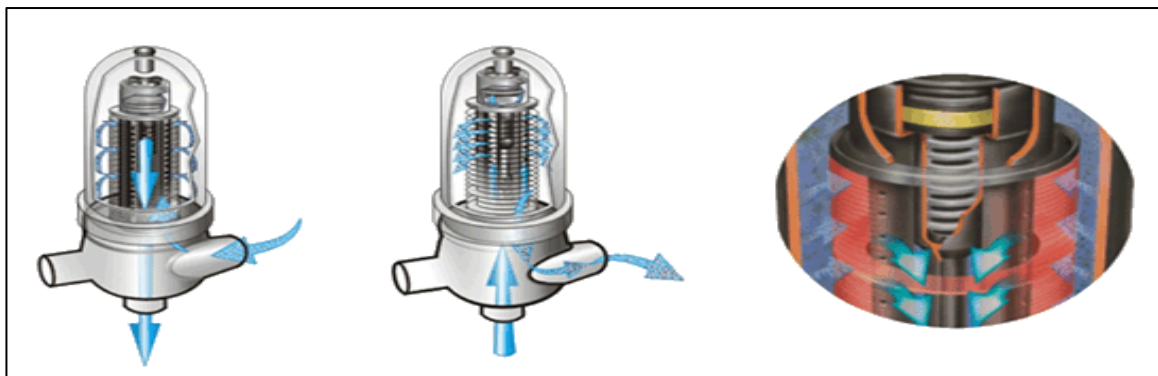


DISC FILTRATION SYSTEM

The Disc Filtration System uses several stacks of circular discs with textured surfaces to capture and remove solids. This technology can be configured to remove varying particle sizes by simply switching the discs to a disc with more texture for larger solids or less texture for smaller particles.

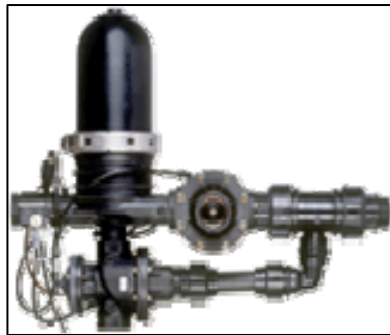
The filter discs are stacked on the spine. The discs are color-coded by micron size, and are assembled according to your water filtration requirements. The spine assembly has a spring compression unit and an internal piston which operate during alternate filtering or backwashing modes.

The spine assembly is specially designed to compress the micron-grooved discs inside a corrosion and pressure-resistant housing. Inside the housing, a spring and the pressure difference compress the discs tightly during the filtration process, forcing the water to flow between the grooves and traps of the stacked discs.



Advantages of Disc Filter Systems:

- Filtration of solids and impurities is reliable, accurate and efficient Innovative filter design, which can store larger amounts of solids, reduces need for backwashing.
- Short flushing duration minimizes flush water consumption.
- Regulated flush water volume for efficient backwash and water consumption.
- Operation is easy and automated, and requires no special tools.
- Automatic cleansing of filter element during each backwashing eliminates the need for labor-intensive, expensive, element replacement.
- Uninterrupted water supply during backwashing.



Learn More

To learn more about our **Disc Filtration System** or any of our other wastewater solutions, please visit our web site at www.lightenvironmental.com or call our Corporate Sales Office at: 1-816-537-9190.

We look forward to providing your next wastewater solution.

LIGHT ENVIRONMENTAL, INC.

27404 E. OUTERBELT ROAD GREENWOOD, MISSOURI 64034 (816) 537-9190 FAX (816) 537-9113 WWW.LIGHTENVIRONMENTAL.COM
KANSAS CITY LOS ANGELES BEIJING HO CHI MINH CITY