

"UMAS" Vertical Pressure Leaf Filters

"UMAS" Vertical Pressure Leaf Filters are used for filtration of liquids with suspended solid contents of up to 7%. "UMAS" Pressure Leaf Filter consists of Filter leaves each made up of several layers of wire mesh. The inner layer is a coarse mesh for the discharge of the filtrate and support of the outer layers. As such no deposit of filter aid particles or impurities can penetrate the filter leaf.

The filter cake is dried with compressed air, inert gas or steam and the cake is discharged by a pneumatic vibrator. Removal of the cake is via a butterfly or slide valve or a cake door.



"UMAS" Horizontal Pressure Leaf Filters

"UMAS" Horizontal Pressure Leaf Filters are typically used in applications where filter cake is sticky and difficult to remove.

The cover of the Filter leaf assembly can be pulled out (hydraulically) thus enabling easy removal of the leaves for cleaning and inspection.



"UMAS" Pressure Leaf Filters are used for various applications such as:

- Crude Oil Filtration
- Bleaching and post-bleaching
- Hydrogenation
- Winterization.
- Fractionation.