

Horizontal Pressure Leaf Filters are used in lieu of Vertical Filters, when the filter cake is sticky and difficult to clean automatically:

- A Horizontal Pressure Leaf Filter consists of a horizontal pressure tank with filter leaves mounted on a central outlet manifold
- A hydraulic jack is provided to open and retract the horizontal shell cover and / or pull out the leaf assembly, thereby enabling easy access and manual cleaning of the filter leaves
- Fastening of the horizontal shell cover can be designed with a manual eye-bolt and nut arrangement or with an automatic quick acting Wedge Lock device
- Horizontal Pressure Leaf Filters can be designed with higher filtration areas as compared to Vertical Pressure Leaf Filters
- Horizontal Pressure Leaf Filters are especially used for de-waxing of vegetable oils, and similar processes



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- Horizontal pressure leaf filters can be provided in the same design and material specifications as Vertical Pressure Leaf Filters, including Stainless Steel, Carbon Steel, and other materials
- Filters can be provided special linings such as SS304/ SS316L for food grade processes, e.g. in Vegetable Oil refining