



## Vivergy Pressure Leaf Filters



### Standard Feature

**V-PLF** filters are a vertical Tank type filter with vertical leaves mounted on a central outlet manifold, they are often called Niagra filters. The **VIVERGY** V-PLF Filters are mesh screen filters that can be used in application that are high in temperature and abrasion such as Bleaching of vegetable Oil or filtration of Sugar starches.

### Applications

<b>Food</b>	Bleaching of Edible Oil, Sugar Starch Filtration Activate Carbon, Nickle Catalyst removal for hydrogenated Oils
<b>Chemicals / Plastics</b>	Resin Filtration, Activated Silica Filtration, Catalyst Filtration
<b>Building Material</b>	Pigments, Industrial Fibers, Abrasives, Gypsum



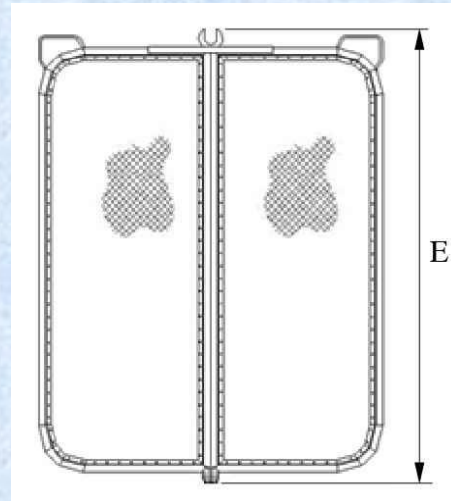


## Special Options

<b>Vibrator for quick cake release.</b>	The PACT Vibration unit is equipped with variable high frequency oscillator. The stroke of oscillation is also variable.
<b>Control Systems</b>	For pump feeding and valve control PACT can offer a comprehensive control system to suit most applications.
<b>Vessel Construction Standard</b>	Vessel Construction Standard
<b>Mesh Materials</b>	SUS304, SUS316L and SUS316S
<b>Vessel Materials</b>	Carbon Steel, SUS 304 or SUS 316

## Table of Dimensions For Standar V-PLF Filtler Series

Model	Filtration Area m <sup>2</sup>	Number of leaves
V-PLF-05-C05	5	5
V-PLF-10-C09	10	9
V-PLF-15-C09	15	9
V-PLF-20-C11	20	11
V-PLF-30-C15	30	15
V-PLF-38-C15	38	15
V-PLF-50-C17	50	17
V-PLF-60-C17	60	17
V-PLF-70-C19	70	19
V-PLF-80-C19	80	19
V-PLF-90-C19	90	19





### Manufacturing capabilities

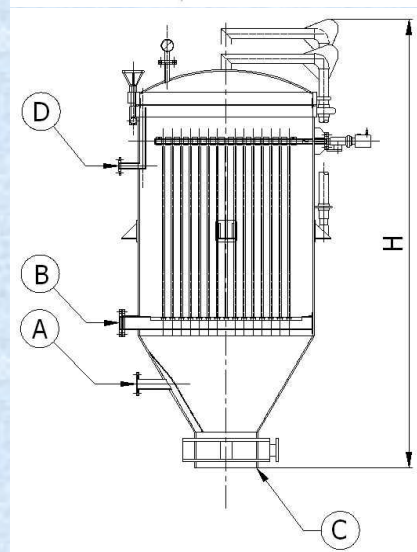
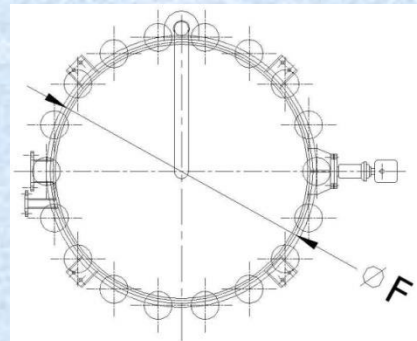
Vivergy manufactures in-house all major component of their pressure leaf filters. Our workshop includes frame forming equipment, mills, lathes and rivet peening equipment. To ensure no cross contamination of metals Vivergy's workshop has stainless steel segregated work areas.

Vivergy's stringent quality systems issue each filter leaf with a unique identity number. Vivergy monitors each filter leaves not only while under construction but also after they are release to the customer and return for maintenance.

Vivergy Pressure Leaf Filters are sent to many different countries, as a result we have attained the networks to have their pressure leaf filter vessels made to various codes, these include: ASME Section VIII DIV1, JIS B8243 and AS 1210

### Technology Transer

Vivergy has manufacturing license agreement with PACT Filters Australia. PACT provides Vivergy design support and also assists with the development of fabrication and quality systems.





**VIVERGY CO.,LTD**

**The High-Tech Filter and Mixer people**

**Services Provided By Vivergy**

- Pressure Leaf Filter Remeshing
- Manifold Replacement
- Manifold Port Hardening
- Leaf Frame Repair and Replacement
- Leaf Nozzle Replacement
- Leaf Vibration Hook Replacement
- Vibration system retro fitting
- Vibration Shaft and Spacer Replacement
- Valve Liner Replacement



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