

FILTRATION SOLUTIONS, INC.

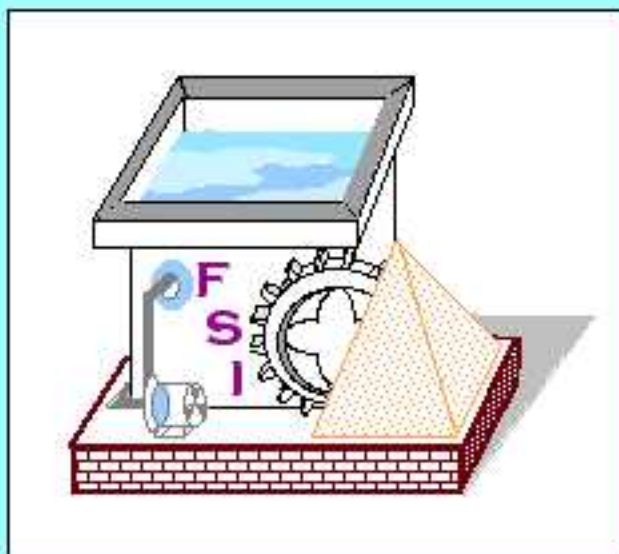
6370 LOWER WYANDOTTE ROAD

OROVILLE, CA. 95966

CA. LIC. # C630445

PH (530) 534-1000

FAX (530) 534-1600



[HTTP://WWW.FILTRATIONSOLUTIONS.US](http://www.FiltrationSolutions.us)

E-MAIL: KLAUSFRANZ@FILTRATIONSOLUTIONS.US

ONE SOURCE FOR ALL YOUR FILTRATION NEEDS

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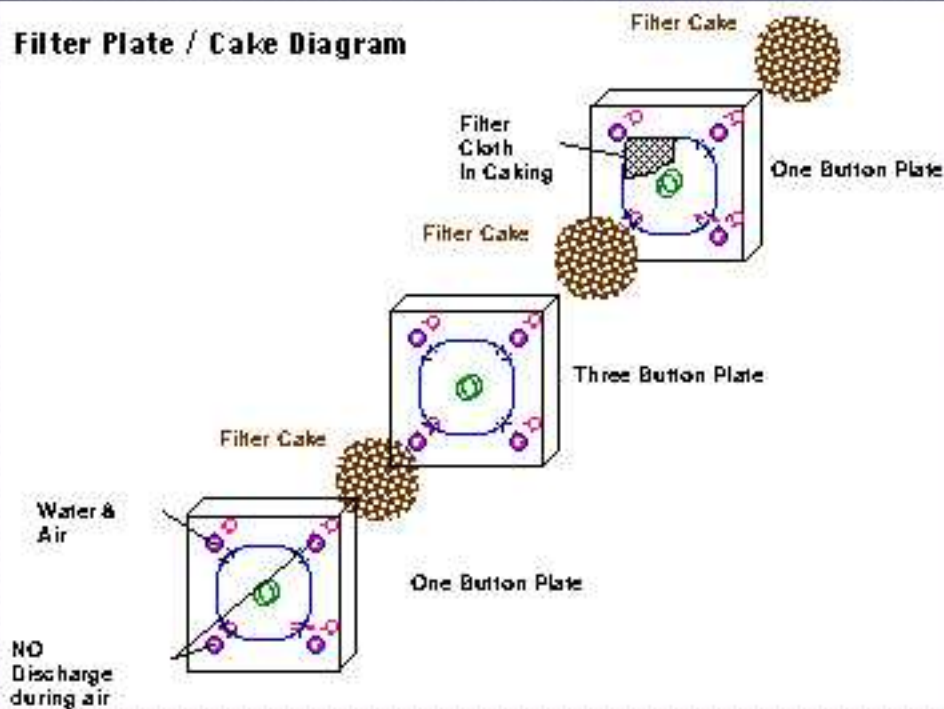
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Filter Plate / Cake Diagram





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"Beware of Competitively Priced Presses That Don't Offer These Standard Features"

Compressed Air Operated

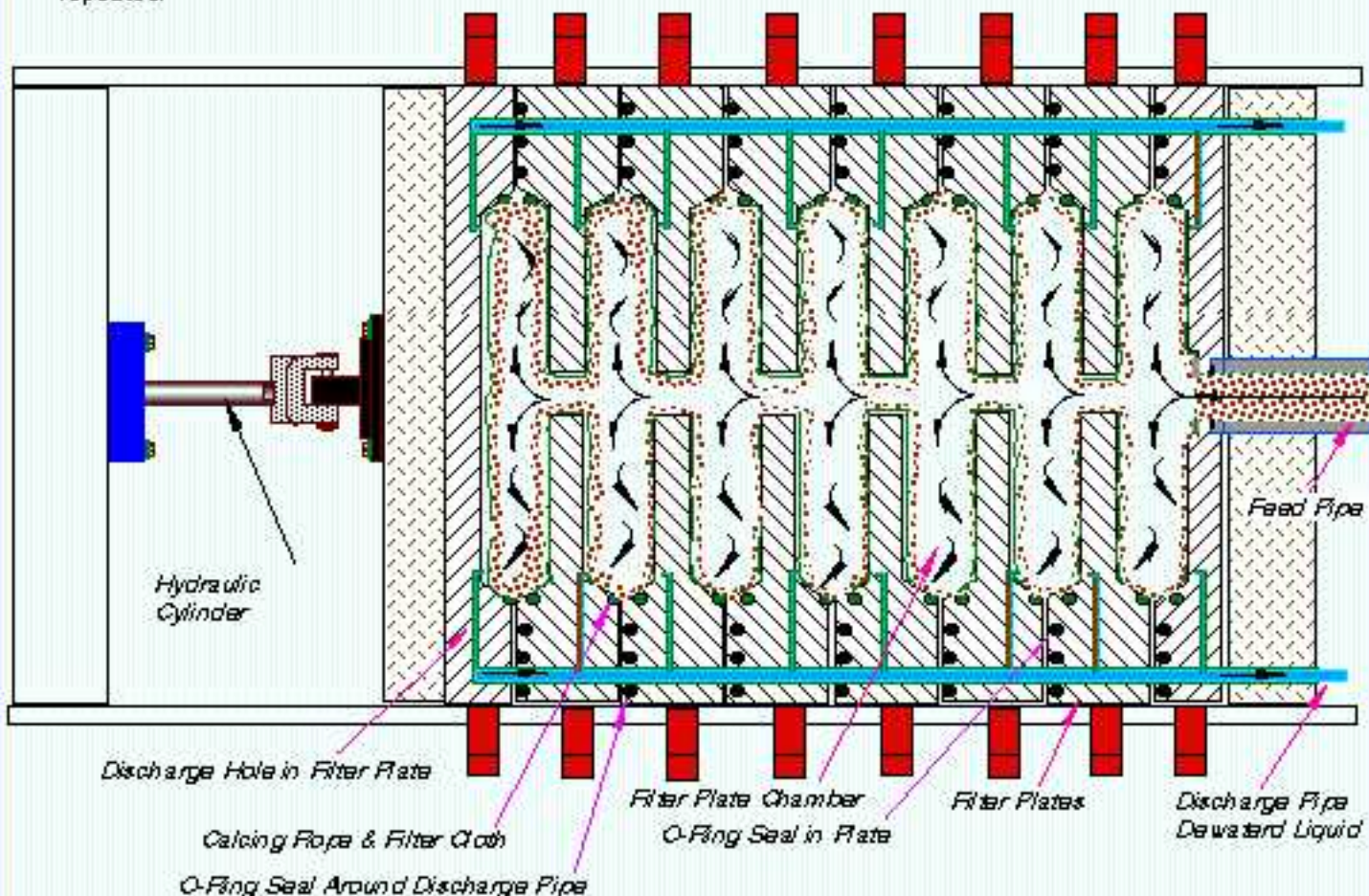
- Hydraulic Cylinder Closure
- Blowdown Manifold
- Diaphragm Process Pump
- Stainless Steel Available
- Auto Closure

Solid Steel Construction

- Built In Expandability
- Grows With Your Needs
- On Models 630mm & 800mm
- All You Add Is Filter Plates

Filtration Cycle

Operation is very simple, the flow from a pump is fed into the center feed inlet. The Liquid/Slurry enters the Filter Plate Chamber. The Liquid/Slurry is forced through the Filter Cloth, solids are retained, while the Clarifier Liquid is directed to the discharge ports. The solids are left behind to form a dense filter cake. Next, an air Blow Down cycle is used to further dry the dense filtered cake. The remaining water is forced out as compressed air flows in the reverse direction through the filter cake. Once the drying cycle is complete, the Hydraulic Cylinder is now retracted and the filter cake is discharged. With the cake removed the filtration cycle is now ready to be repeated.



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470MM FILTER PRESS



AIR BLOW-DOWN MANIFOLD
AND PLATE WASH

GASKETED PLATES

OPEN/CLOSE





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470MM FILTER PRESS

470mm Parts List	
Item Name	Part Number
1 cu. Ft. (7plates) 23 sq. ft. / 32mm cake	H-1-470-1.25-CGR-E3-HHC
2 cu. Ft. (14 plates) 46.0 Sq. Ft. / 32mm cake	H-2-470-1.25-CGR-E3-HHC
3 cu. Ft. (20 plates) 67.0 Sq. Ft. / 32mm cake	H-3-470-1.25-CGR-E4-HHC
4 cu. Ft. (26 plates) 88.0 Sq. Ft. / 32mm cake	H-4-470-1.25-CGR-HHC
Intermediate Filter Cloth	470-INTCL
End Filter Cloth	470-ENDCL
Filter Plate with Cloth - Intermediate	470-PLT
Plate only - no cloth - Intermediate	470-FPCGR-1.25
Gasket Material	275-X100
O-Rings-By the Foot	0-312
Hydraulic Cylinder - 6" TRAVEL - Manual	RC-256
Hydraulic Cylinder - 10" TRAVEL - Semi-Auto	H-C2510C
Hydraulic Hand Pump - Manual	HP-392
Hydraulic Hose	HC-7206
Hydraulic Gauge -10,000 PSI	GF-10S
Hydraulic Air Pump - Semi-Auto	HHC-PA6
Air Blow Down Regulator	R364-02C
Air Blow Down Gauge	3742160WP

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