



726 Beacon St, Loves Park, IL 61111 | 815-636-8833 | 800-919-0888 | 815-636-8844 fx | www.watersurplus.com

EQUIPMENT DATA SHEET FILTER PRESS TANK

Description	30 ft3 Horiz Plate Filter Press
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Asset #:	WWE3430036R
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Owner		Mfg. Yr.
Watersurplus		5/26/2006

EQUIPMENT TYPE	OEM
Filter Press	Pacific Press Co.

NORMAL OPERATING PARAMETERS		
Operating Water Temperature	67	°F
Nominal Operating Press	80	PSI
Min. Inlet Water Pressure	40	PSI
Nominal Flow Rate	80 - 100	GPM
Design Press	100	PSI
Plate Area	635.4	Ft2
Treated Sludge Volume	30	Ft3

UNIT CONFIGURATION		
Make	Pacific Press Co.	
Model	P800E132A-30R/230002/021	
Serial Number	1102	
Plate Press	Hydraulic	
Plate Shifters	SemiAuto	
Plate Type	100psi, 800mm, Gasketed	
Plate Qty	61	
Cloth Type	PMU8-EG1,1-5CFM,5 Micron	

POWER REQUIREMENTS					
GENERAL POWER	VAC	PH	HZ	Amps	Src
High Voltage:	n/a				
Control Voltage:	n/a				

PIPING MATERIALS	
Inlet	4" Sch 40 Carbon Steel
Outlet	1.5" to 4" Sch 80 PVC
Air	3/8" Hose quick disconnect / NPT

AIR REQUIREMENTS	
Pressure:	100 psig
Volume:	15 SCFM
Regulated and Filtered:	Yes

ACCESSORIES	
Cake Collection Containers	No
Sludge Feed Pump	No
Plate Air Back Pulse Option	Yes

CONTROLS / INSTRUMENTS	
Main Controller	n/a
HMI	n/a
Hydraulic Control	SPX Power Team. Model F, p/n PA64PAC, 5000 PSI /345 bar rated
Air Regulator	Norgren B73G-3AK-AD3-RMN
Other	n/a

PHYSICAL SPECIFICATIONS		
Length	232"	inches
Width	54"	inches
Height	68"	inches
Weight (shipping)	15,000	lbs.

AVAILABLE DOCUMENTATION			
Description	AVAIL	Description	AVAIL
Process & Instrumentation Diagram - P&ID	N	Electrical Schematics	N
Piping layout/General Arrangement	N	Program Logic	N
Major Component List - MC List	N	Operations/Maintenance Manuals	N

PROCESS CONNECTIONS (SIZES & LOCATION SYMBOLS)		
	Size & Type	Location

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Watersurplus		5/26/2006		Filter Press		Pacific Press Co.	
		Feed Inlet		4" ANSI Flanged CS		Center End	
		Product Outlet		4" ANSI Flanged PVC		Lower End	
		Supply Air Inlet		3/8" NPT SST		Center End	
		Back Pulse Air Inlet Conn		3/8" Hose CS		Upper End	


MISCELLANEOUS INFORMATION

<p>Industrial filter press with 61 filter plates designed for around 30 cubic feet of sludge dewatering. Plates are screened with Pacific Press Screen material PMU8 (polypropylene monofilament material) good for general purpose and metal hydroxide and polymerized sludges. The cloth has a 5 micron retention and is durable.</p> <p>The press only requires air to operate the hydraulic press motor and the plate shifter mechanism. The plate shifter is semi automatic in that the operating must engage the device and walk with it along the press as it operates to slide plates apart for cake removal. This filter press does include an air back pulse option to help remove filter cake material. There are no cake collection drums included.</p>