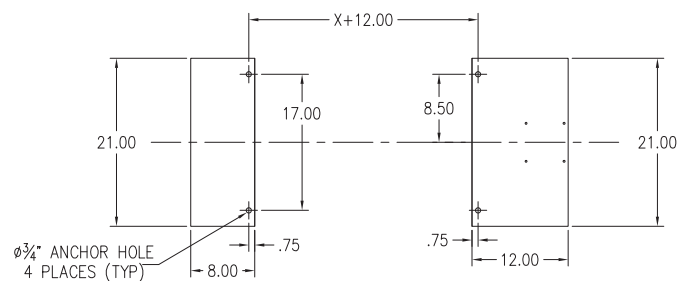


(A)	PROCESS INLET ø1" PIPE FLANGE
(B)	PROCESS OUTLET ø1" PIPE FLANGE
(C)	AIR BLOW DOWN PUMP INLET ø1/2" NPT
(D)	HYDRAULIC SUPPLY AIR INLET ø1/4" NPT



FOOTPRINT

#### PLATE SEALS

- ☐ EPDM (GASKETED) (STD)  
☐ VITON (GASKETED)

#### CLOTH TYPE

- ☐ PMU (STD)  
☐ PMM  
☐ FTW (POLYESTER)  
☐ PSM

#### PLATE & PRESS PRESSURE RATING

- ☐ 100 PSI (STD)

#### CAKE THICKNESS

- ☐ 35mm (STD)

#### FEED PUMP

- ☐ NONE  
☐ PRESS MOUNTED

#### PUMP CONTROLS

- ☐ AP3P

#### BLOWDOWN

##### PIPING MATERIAL

- ☐ PVC (STD)  
☐ CPVC  
☐ CARBON STEEL  
☐ 304 S.S.  
☐ 316 S.S.

##### SEALS MATERIAL

- ☐ EPDM  
☐ BUNA  
☐ VITON  
☐ TEFLON

MODEL # \_\_\_\_\_

#### NOTES:

- DRAWING IS FOR REFERENCE ONLY. CONSULT FACTORY FOR DETAILED CONSTRUCTION DRAWINGS AND SPECIFICATIONS.
- SEE FILTER PRESS SPECIFICATIONS SHEET FOR "X" DIMENSION.

**CONFIGURATION  
APPROVAL**

BY \_\_\_\_\_  
 DATE: \_\_\_\_\_



470 Filter Press, Standard Series

DRAWN BY  
Darius Tabrizi

DATE  
4/25/05

DWG NO  
190011

SHEET 1 OF 2

REV  
C

# HiPerk Machinery Co.

## Engineering Data

Nominal Volume		Number of Plates	Filter Area		"X" Dimension (")		Shipping Weight		Operating Weight	
					Gasketed (CGR)					
(ft³)	(liters)		(ft²)	(m²)	(in)	(mm)	(lb)	(kg)	(lb)	(kg)
1	28	7	20.8	1.9	16.625	422	958	435	1,043	473
2	57	13	41.5	3.9	30.75	781	1,059	480	1,229	557
3	85	19	62.3	5.8	44.875	1,140	1,159	526	1,414	641
4	113	25	83.0	7.7	59.125	1,502	1,259	571	1,599	725
5	142	31	103.8	9.6	73.25	1,861	1,359	616	1,784	809

**NOTES:** Volume/Chamber = 0.17 ft<sup>3</sup> (4.81 L)

Filter Area/Chamber = 3.46 ft<sup>2</sup> (0.32 m<sup>2</sup>)

Dimension and weights are for reference purposes only

Weights do not include ancillary equipment

Operating weight is calculated with wet filter cake density of 85 lb/ft<sup>3</sup> (1.36 kg/L)

\* Filter plate stack length dimension (approximate)

## P04L SIDEBAR

**100 psi (7 bar) Design**

**PLATE TYPE**

**470mm CGR**

**CAKE THICKNESS**

**1.38" (35mm)**

**DWG NO**

**190011  
SH2**

**REV  
C**