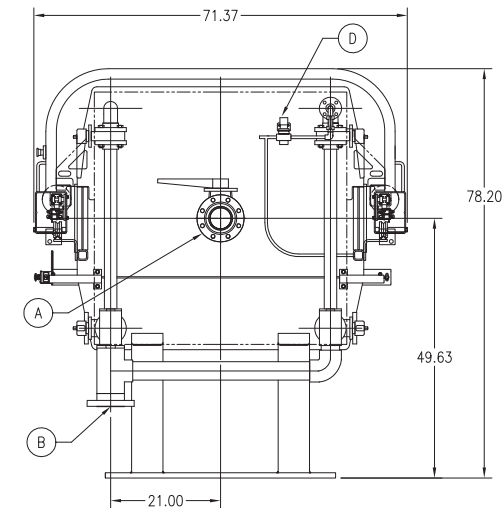
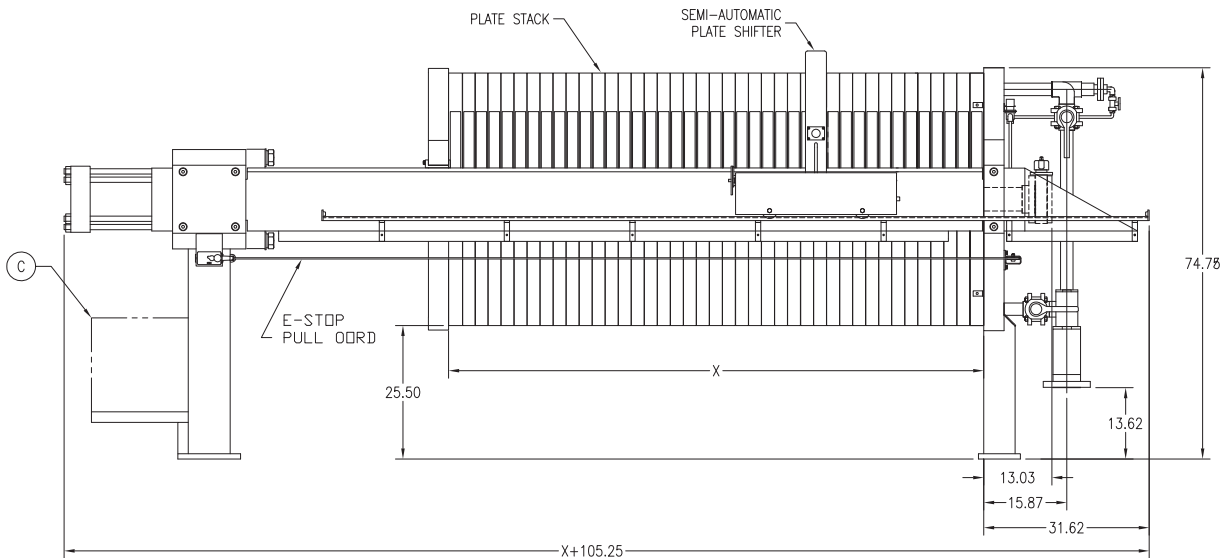


2

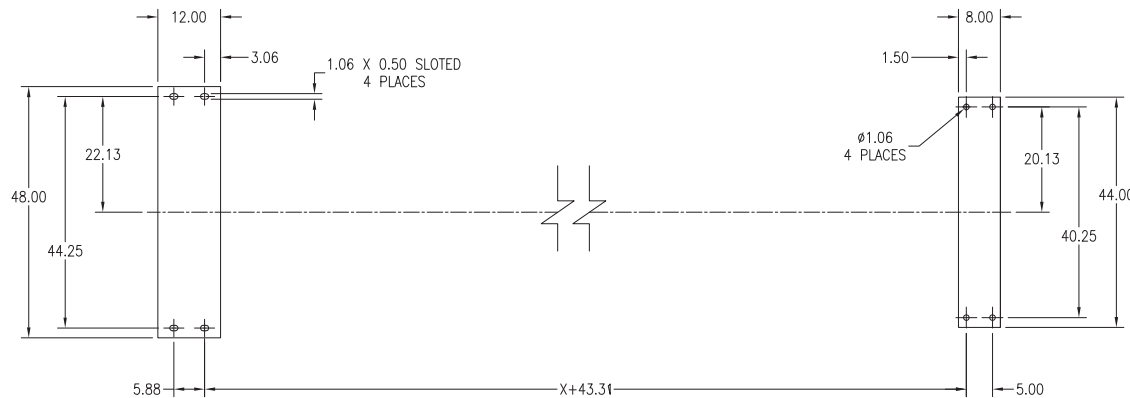
1

B

B



(A)	PROCESS INLET 150# Ø4 RF FLANGE
(B)	PROCESS OUTLET 150# Ø4 RF FLANGE
(C)	230 VAC/ SINGLE PHASE / 60 Hz , 11 FULL LOAD AMPS
(D)	COMPRESSED AIR P.O.C, Ø3/4 NPT 2 SCFM @ 100 PSI 125 SCFM @ 60 PSI



FOOTPRINT

A

A

NOTES:

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

CONFIGURATION BY _____
APPROVAL DATE: _____

PLATE SEALS

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

CLOTH TYPE

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

PLATE & PRESS PRESSURE RATING

- ☐ 100 PSI (STD)

CAKE THICKNESS

- ☐ 32mm (1.25") (STD)
☐ 25mm (1")

PLATE SHIFTER

- ☐ NONE
☐ SEMI-AUTOMATIC

BLOWDOWN PIPING

- ☐ CORE BLOW DOWN

PIPING MATERIAL

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

SEALS MATERIAL

- ☐ EPDM
☐ BUNA
☐ VITON
☐ TEFLON

MODEL # _____



1200 Filter Press, Standard Series

DRAWN BY
Darius Tabrizi

DATE
4/29/05

DWG NO
190014

SHEET 1 OF 3

REV
C

2

1

HiPerk Machinery Co.

Engineering Data

Nominal Volume		Number of Plates	Filter Area		"X" Dimension (")				Shipping Weight		Operating Weight	
					Gasketed (CGR)		Non-Gasketed (NGR)					
(ft ³)	(liters)		(ft ²)	(m ²)	(in)	(mm)	(in)	(mm)	(lb)	(kg)	(lb)	(kg)
40	1133	33	854.4	79.4	81.13	2,061	82.38	2,092	15,500	7,031	18,900	8,573
50	1416	41	1068.0	99.2	100.75	2,559	102.25	2,597	16,650	7,552	20,900	9,480
60	1699	47	1228.2	114.1	115.50	2,934	117.25	2,978	17,600	7,983	22,700	10,297
75	2124	59	1548.6	143.9	144.88	3,680	147.13	3,737	19,350	8,777	25,725	11,669
80	2265	63	1655.4	153.8	154.63	3,927	157.13	3,991	19,950	9,049	26,750	12,134
90	2549	71	1869.0	173.6	174.25	4,426	177.00	4,496	21,150	9,593	28,800	13,063
100	2832	79	2082.6	193.5	193.88	4,924	196.88	5,001	22,350	10,138	30,850	13,993

NOTES: Volume/Chamber = 1.31 ft³ (37.1 L)
 Filter Area/Chamber = 26.7 ft² (2.48 m²)
 Dimension and weights are for reference purposes only
 Weights do not include ancillary equipment
 For presses equipped with plate shifter add 250 lbs (113.4 kg)
 Operating weight is calculated with wet filter cake density of 85 lb/ft³ (1.36 kg/L)
 Cloth thickness on NGR based on 1mm/chamber
 * Filter plate stack length dimension (approximate)

P12L SIDEBAR

100 psi (7 bar) Design

PLATE TYPE

1200mm CGR/NGR

CAKE THICKNESS

1.25" (32mm)

DWG NO

190014
SH3

REV
C

HiPerk Machinery Co.

Engineering Data

Nominal Volume		Number of Plates	Filter Area		"X" Dimension (")				Shipping Weight		Operating Weight	
					Gasketed (CGR)		Non-Gasketed (NGR)					
(ft³)	(liters)		(ft²)	(m²)	(in)	(mm)	(in)	(mm)	(lb)	(kg)	(lb)	(kg)
40	1133	41	1044.0	97.0	89.50	2,273	91.13	2,315	15,450	7,008	18,850	8,550
50	1416	51	1305.0	121.2	111.25	2,826	113.25	2,877	16,650	7,552	20,900	9,480
60	1699	61	1566.0	145.5	133.00	3,378	135.25	3,435	17,650	8,006	22,750	10,319
75	2124	77	1983.6	184.3	167.63	4,258	170.63	4,334	19,500	8,845	25,875	11,737
80	2265	81	2088.0	194.0	176.38	4,480	179.50	4,559	20,000	9,072	26,800	12,156
90	2549	91	2349.0	218.2	198.00	5,029	201.50	5,118	21,200	9,616	28,850	13,086
100	2832	101	2610.0	242.5	219.75	5,582	223.63	5,680	22,350	10,138	30,850	13,993

NOTES: Volume/Chamber = 1.01 ft³ (28.6 L)
 Filter Area/Chamber = 26.1 ft² (2.42 m²)
 Dimension and weights are for reference purposes only
 Weights do not include ancillary equipment
 For presses equipped with plate shifter add 250 lbs (113.4 kg)
 Operating weight is calculated with wet filter cake density of 85 lb/ft³ (1.36 kg/L)
 Cloth thickness on NGR based on 1mm/chamber
 * Filter plate stack length dimension (approximate)

P12L SIDEBAR

100 psi (7 bar) Design

PLATE TYPE

1200mm CGR/NGR

CAKE THICKNESS

1" (25mm)

DWG NO

190014
SH2

REV
C