

MARK	QTY	SIZE	RATING	STYLE	DESC.
A	1	4"	150 LB	STUDDED	INLET
B	4	3"	150 LB	OUTLET	OUTLET
C	1	1/2"	-	FNPT	AIR

GENERAL PRESS DATA:

INITIAL PRESS CAPACITY - 39.6 CUBIC FEET
INITIAL FILTRATION AREA - 802 SQ. FT.

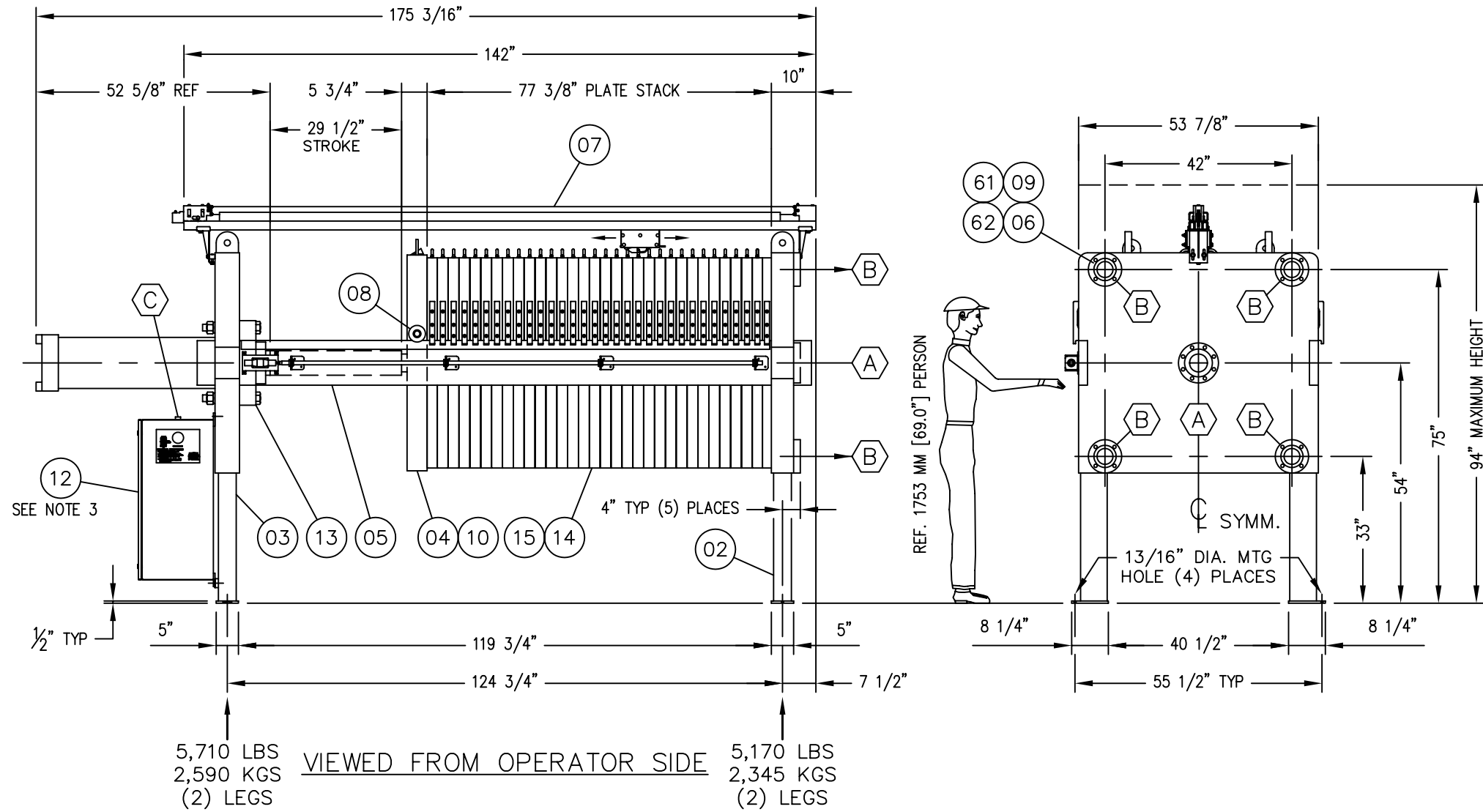
UNIT WEIGHTS:

SKELETON - 15,195 LBS
PLATES - 1,450 LBS
SHIPPING - 17,000 LBS
OPERATING - 21,760 LBS

NOTES:

- OPERATING WEIGHT BASED ON CAKE WEIGHT OF 120 LBS/CU FT.
- ALL DIMENSIONS IN INCHES [mm].
- PNEUMATIC SHIFTER:
AIR REQ'D: 70 PSIG @ 25 SCFM/CYCLE
- PLATE STACK DIMENSION INCLUDES ALLOWANCE OF 1/16" PER PLATE.
- FILTER PRESS IS DESIGNED FOR ZERO BACK PRESSURE.
- PRESS CONTROL CENTER IS LOCATED ON THE "OPERATING SIDE" OF THE THE FILTER PRESS.
- ALL CARBON STEEL SURFACES TO BE EPOXY PAINTED SAFETY BLUE.
- ALL FLANGE BOLT HOLES ARE TO STRADDLE NATURAL CENTERLINES.
- LINER PIPE MATERIAL AT LIQUID CONTACT POINTS IS POLYPROPYLENE.

		FILTER PRESS DESIGN / OPERATING CONDITIONS			NOT APPLICABLE
		FILTER / WASH		SQUEEZE	
OPERATING PRESSURE	MAX.	100 PSIG	6.89 BAR	7.03 kg/cm ²	
OPERATING TEMPERATURE	MAX.	121 °F	49.44 °C		
HYDRAULIC PRESSURE REQUIRED TO CLOSE	MIN.	3,194 PSIG	220.22 BAR	224.56 kg/cm ²	
	MAX.	3,387 PSIG	233.53 BAR	238.13 kg/cm ²	
AIR PRESSURE SETTING	MIN.	55 PSIG	3.79 BAR	3.87 kg/cm ²	
	MAX.	58 PSIG	4.00 BAR	4.08 kg/cm ²	
RELIEF VALVE SETTING	-	3,726 PSIG	256.88 BAR	261.94 kg/cm ²	



CERTIFIED
Bruce W. Hindle 3:07 pm, 3/15/05

UNLESS OTHERWISE NOTED, ALL MACHINE SURFACES TO HAVE 125 RMS FINISH				
UNLESS OTHERWISE NOTED, TOLERANCES ARE				
ANGLES: ± 1/2"				
FRACTIONS: ± 1/16"				
DECIMAL:				
.X ± .03				
.XX ± .010				
.XXX ± .005				
.XXXX ± .0005				
1	JC	3/8/05	UPDATED SHIFTER & LIFT LUGS	
REV	BY	DATE	DESCRIPTION	

ASCENSION INDUSTRIES
NORTH TONAWANDA, NEW YORK 14120

Title: **EP1200 (100 PSI) ASSEMBLY**
EPG 1200/32-30 FILTER PRESS

Scale: 3/8" = 1' | Drawn By: J. CERNE | 2-21-05
Checked:

SIZE	Dwg.Number	Sheet	Con't.On	Rev
B	FP05047-EP01	001	LAST	1

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