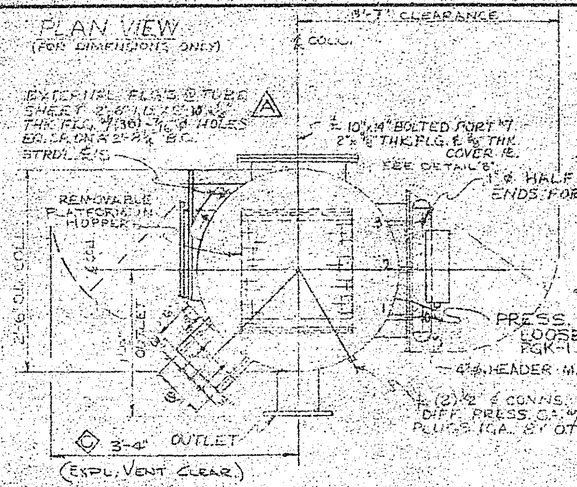
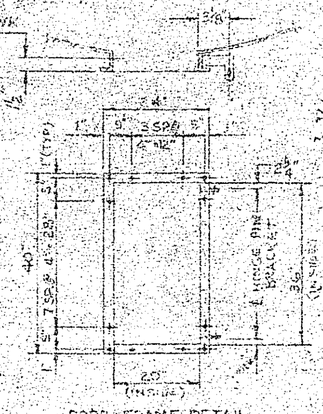
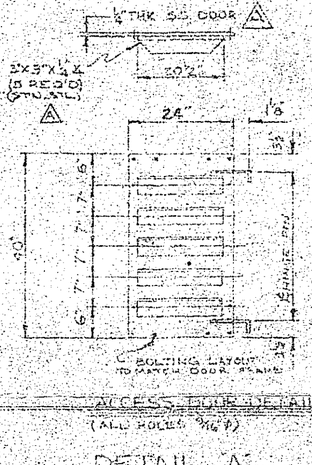
PLAN VIEW
(FOR DIMENSIONS ONLY)

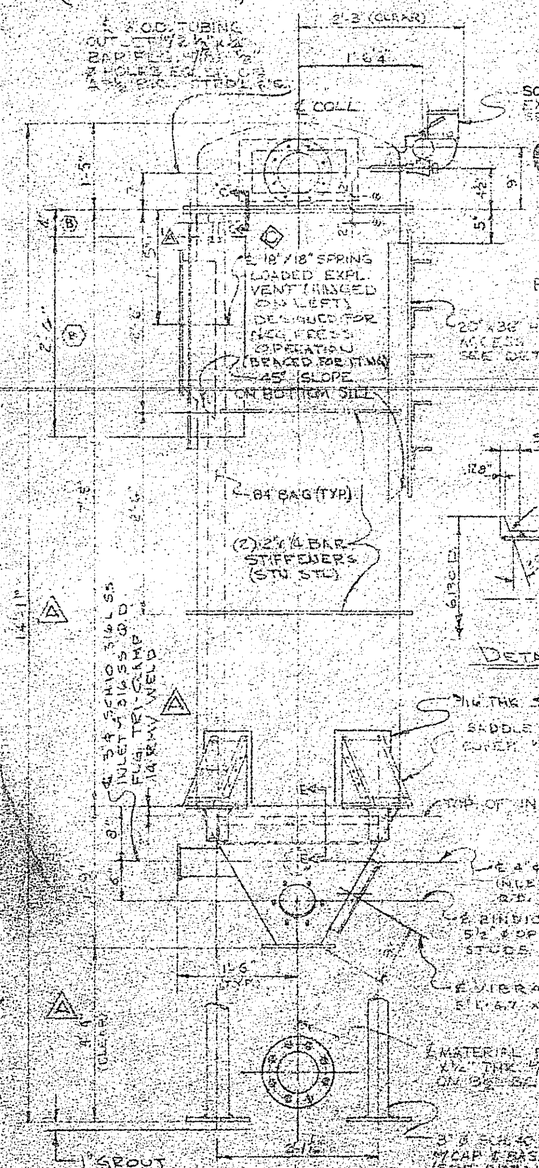


ORIENTATION VIEW
(FOR LOCATION ONLY)
SHOP TO FABRICATE UNIT AS PER ABOVE COMPONENT ORIENTATION



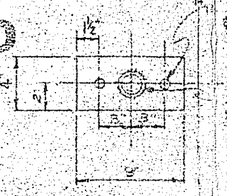
DOOR FRAME DETAIL
(2"x2"x1/4" ANG. W/ (28) - 7/8" ø HOLES)





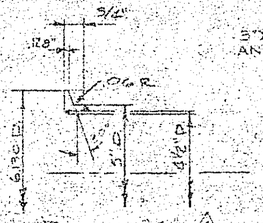
ELEVATION VIEW
(FOR ELEVATION ONLY)

CERTIFIED
FOR CONSTRUCTION
FLEX-KLEEN CORPORATION
BY Robert J. Jaskowski

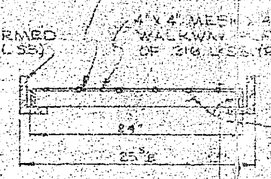


DETAIL OF CAP & BASE PL. FOR PIPE LEGS

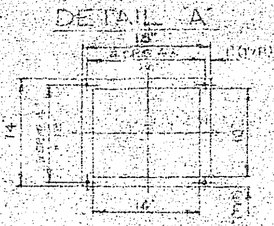
DETAIL 'D'



DETAIL 'G'



DETAIL OF INTERNAL PLATFORM
SECT. 'E-E'

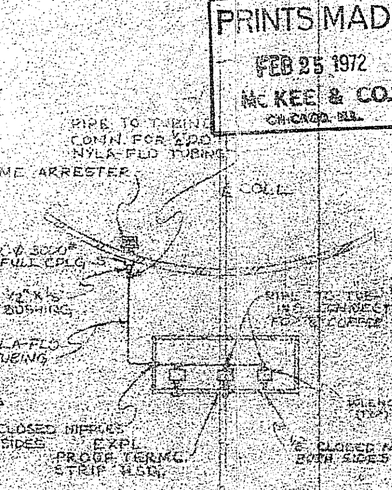


DETAIL 'A'

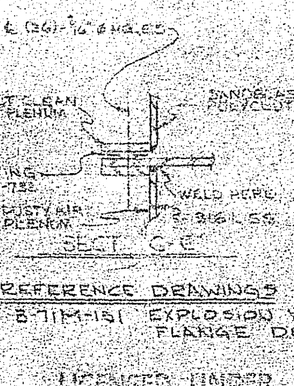
10"x14" BOLTED PORT DETAIL
M.S. (ALL HOLES 9/16" ø)

DETAIL 'B'

PRINTS MADE
FEB 25 1972
McKEE & CO.
CHICAGO, ILL.



DETAIL 'F'
SOLENOID EXHAUST MANIFOLDING & RETURN TO CLEAN AIR PLENUM



REFERENCE DRAWINGS
B-71M-151 EXPLOSION VENT FLANGE DETAILS

LICENSED UNDER UNITED STATES REISSUE PAT. NO. 24,954 & CANADIAN PATENT NO. 649,123

OPERATING DATA			
VOLUME 315	A/CFM	CLOTH AREA 80 SQ. FT.	RATIO 3.5 : 1
DUST CUSTOMER SPECIFY			
DUST SIZE		DUST LOADING CUSTOMER SPECIFY GR./CU. FT.	
DUST DENSITY LBS/CU. FT.		MOISTURE IN DUST	
TEMPERATURE AMBIENT		DEW POINT	
(COLLECTOR TEMPERATURE MUST BE KEPT WELL ABOVE DEW POINT)			
END USE CUSTOMER SPECIFY			
LOCATION INDOOR		OPERATION HRS/DAY	
WEIGHT 1120 LBS.			
DESIGN PRESSURE 47" H.G.		OPERATING PRESSURE * NEGATIVE	
COMPRESSED AIR REQRMTS 5.0	SCFM @ 90 - 100 PSIG	CLEAN, DRY & OIL FREE	

EQUIPMENT DATA	
TIMER(S) EM-1140-3 (SHIP LOOSE/NEMA-1/EXPL. 110 V 50/60 CYC. 1 PHASE 50 W. EA.	
DIAPHRAGM VALVES 8265-C38 (STD.)	BAG CAGES 84" 316 L SS.
SOLENOID VALVES 8262-C2 (P.K.)	BAG CLAMPS 316 L S.S.
VENTURIS 78 CALVIN	BAG CUPS 8 BD 316 L S.S.
FILTER BAGS 16 OZ. ORLON FELT W/ EGG SHELL FINISH	

CONSTRUCTION DATA	
CLEAN AIR PLENUM 12 GA. 316 L S.S. W/ WELDED & DISHED HEADS	
DUSTY AIR PLENUM 12 GA. 316 L S.S. W/ (2) 24" ø ACCESS DOORS	
TUBE SHEET 12 GA. 316 L SS. (EXTERNAL FLGD. PER ASME SEC. VIII DIV. 1)	
HOPPER (4) SIDES 12 GA. 316 L S.S.	
BRACING ON SHELL AS REQ'D	
GASKET MATERIAL NEOPRENE WHITE CLOSED CELL NEOPRENE	

GENERAL NOTES

* COLLECTOR MUST OPERATE UNDER NEG. PRESS. BECAUSE OF EXPL. VENT DESIGN. F-K TO PROVIDE FILTER FOR APG.
** GASKETING:
A. PTV-732 - TUBE SHEET CONN. & BAG CUP/VENTURI ASSEMBLY.
B. CLOSED CELL NEAR WHITE NEOPRENE AT ACCESS DOOR, VENT & SIDE PORT.
SHELL, HOPPER & DISHED HEAD THICKNESS HAS BEEN DESIGNED FOR 5 PSIG FIRST PRESSURE RESERVE (ULTIMATE TENSILE STRENGTH OF MATL. WITH NO SAFETY FACTOR)

SHOP NOTES

1. ALL DUST CONTACT SURFACES TO BE 316 L S.S.
2. SHOP TO PROVIDE SS NAMEPLATE.
3. ALL INTERNAL & EXTERNAL WELDS TO BE CONTINUOUS, GROUND SMOOTH BUT NOT FLUSH.
4. INTERNAL SURFACES OF CLEAN AIR PLENUM EXCLUDING TUBE SHEET TO BE SANDBLASTED (SP-6) AND COATED WITH PITTSBURGH ORIGINAL POLYCLOTCH (1ST COAT WHITE, PC-41300, 2ND COAT BLUE, PC-41301)
5. ALL EXTERNAL M.S. SURFACES TO HAVE (1) ONE PRIME COAT OF PRIMCOAT NO. P-50.
6. ALL INTERNAL CORNERS OF DUSTY AIR PLENUM TO HAVE MIN. 1/4" RADIUS FILLETS.
7. SHOP TO NOTE SADDLE SUPPORTS ARE NOT F/K STD.
8. NO CARBON STL. TO BE WELDED DIRECTLY TO STAINLESS STL.

** ADDITIONAL GEN. NOTES:
UNIT SIZED BY CUSTOMER.

ONE (1) UNIT REQD
MARK: A.G. McKEE & CO.
P/O #: 5727-42-T-315
S/N: T-3-3, D/L # 2042-J
DIOSTIQUE # 63-3509

MARK	REVISION	DATE	BY
B	ADDED: INDICATOR OPNG. & VIBRATOR PAD (ORIENTATION VIEW)	1-13-72	
A	REVISED: ORIENTATION VIEW, BACK-UP & FLGING, SHOP NOTE 2 & COLL. VENT FLG. REVISED: MATL. DISCH. FLG. 3" ø INLET, TUBE SHT. FLG., LEG CLEARANCE, ACCESS DOOR MATL. & PDPHS. ADDED.	12-6-71	

FLEX-KLEEN CORPORATION
SUBSIDIARY OF RESEARCH - COTTRELL, INC.
407 S. DEARBORN ST., CHICAGO, ILLINOIS 60605

SCALE: 1/4" = 1'-0"	C/O NO. 5727-42-T-315	DRAWN BY: G.J.
DATE: 9-1-71	F/K NO. B-3266-F	APPROVED BY:

A.G. McKEE
(HOFFMAN-LAROCHE)
BELVIDERE, N.J. 108379

DRAWING NUMBER B-71C-332

PRINT MADE
APR 1 1972
ARTHUR G. McKEE & CO.

BRUNING 40-105

315