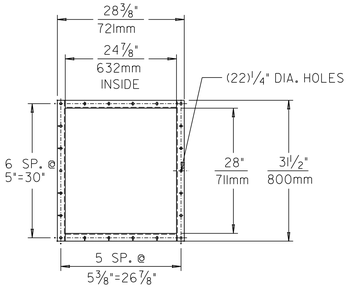
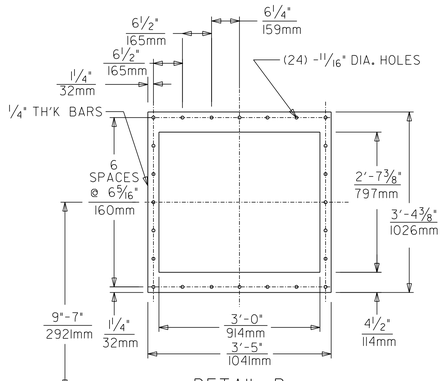
44109



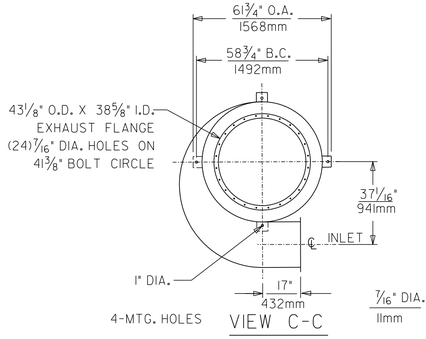
VIEW A-A

CRIB AIR INLET FLANGE
SCALE: 3/4"=1'-0"

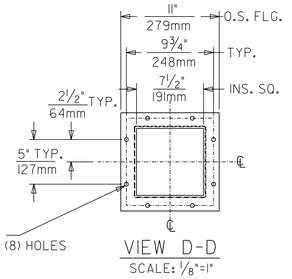


DETAIL B

SAND INLET CHUTE FLANGE
SCALE: 3/4"=1'-0"

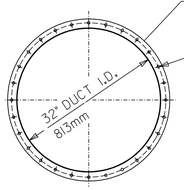


VIEW C-C



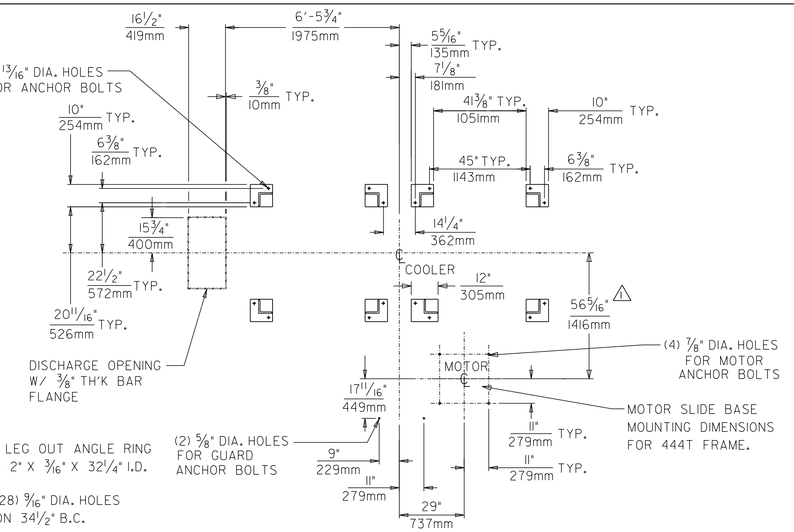
VIEW D-D

SCALE: 1/8"=1"



VIEW E-E

SCALE: 3/4"=1'-0"

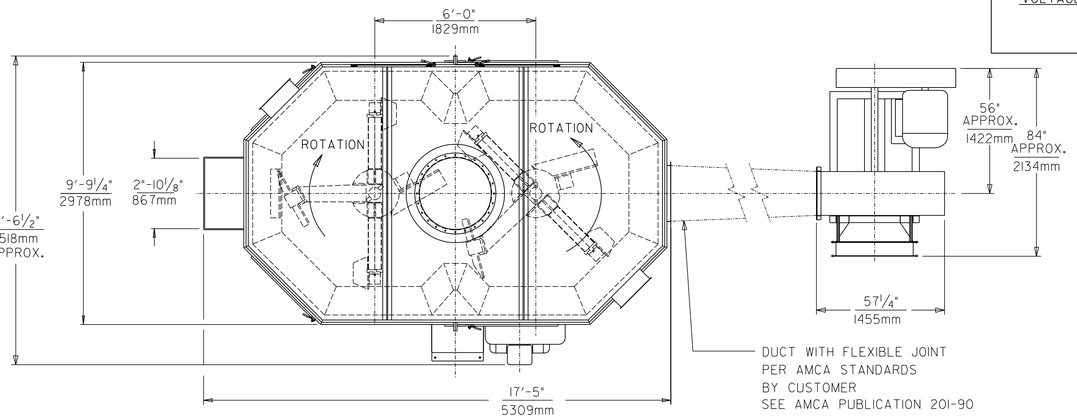


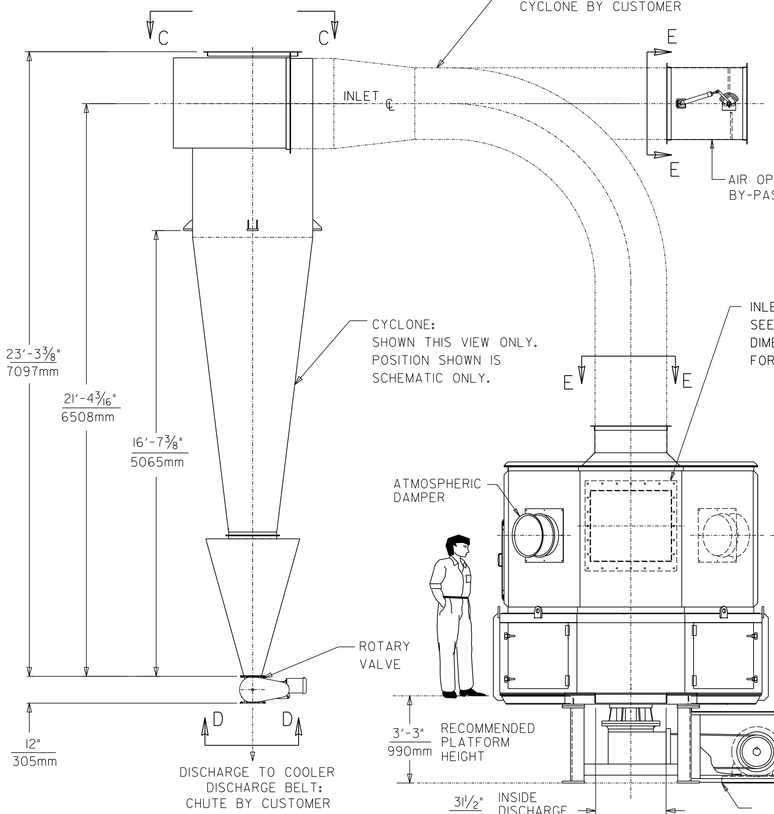
FOUNDATION VIEW

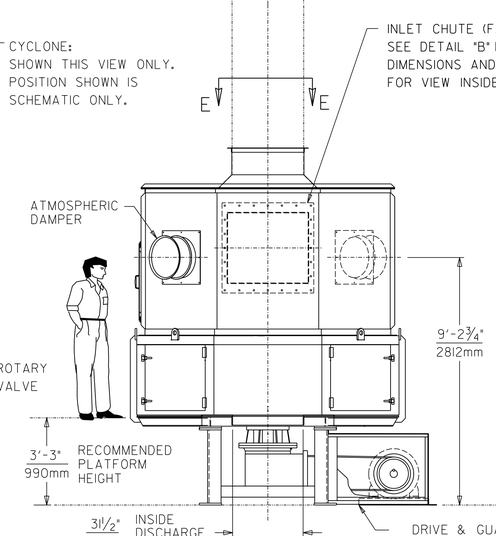
TECHNICAL DATA

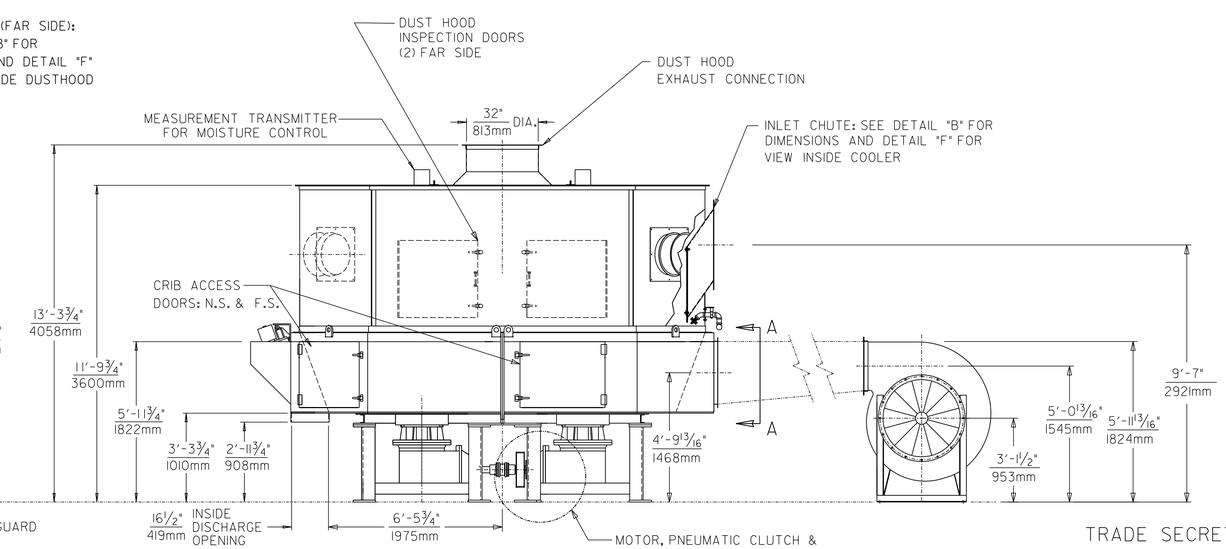
OPERATING WEIGHTS:

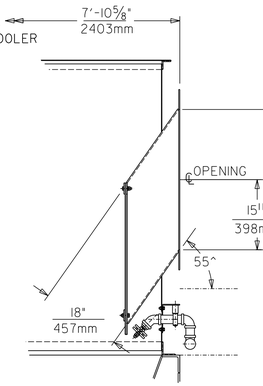
MULTI-COOLER		34000 lbs 15420 kg
LOAD / PEDESTAL		
	STATIC	8 @ 4250 lbs 8 @ 1930 kg
	DYNAMIC	8 @ 8500 lbs 8 @ 3860 kg
DRIVE MOTOR & CLUTCH		2000 lbs 910 kg
BLOWER & MOTOR		2400 lbs 1090 kg
CYCLONE		
	EMPTY	3400 lbs 1540 kg
	UPSET CONDITION-FULL	18000 lbs 8165 kg
EXHAUST (@ DUST HOOD CONNECTION)		19700 A.C.F.M. @ -1" W.G. 33470 m³/HR @ -25mm
COMPRESSED AIR REQUIREMENT		80 P.S.I. (CLEAN & DRY) 5.52 bar
WATER SUPPLY REQUIRED		40 PSI (MIN), 60^ F, 30 GAL/min 2.76 bar (MIN), 15^ C, 113.6 L/min
VOLTAGE	PRIMARY	480 V./ 3 PH./ 60 HZ.
	CONTROL	120 V. SINGLE PHASE











DETAIL F

CRIB SAND INLET CHUTE (INSIDE COOLER)
SCALE: 3/4"=1'-0"

REFERENCE DRAWING LIST:
1. BLOWER DRWG. # 150-43018
2. CYCLONE ASS'Y DRWG. # 150-43029
3. BYPASS DAMPER DRWG. # 150-38272

REV.	DATE	DESCRIPTION OF REVISION	ECN
2	3-12-99	REVISED BLOWER GRAPHICS	2124
1	1-6-98	56 5/16" WAS 55 3/4" (REV'D PER REDUCERS)	S.J.N.

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SIMPSON TECHNOLOGIES CORP.
751 SHORELINE DRIVE
AURORA ILLINOIS, U.S.A.

GENERAL ARRANGEMENT AND FOUNDATION DRAWING 150 SIMPSON MULTI-COOLER

SCALE: 3/8"=1'-0"	FIRST RELEASE:	ORDER NO: STANDARD
MADE BY: DHB	DATE: 5-30-97	150-44109
CHECKED BY: SJN	APPROVED BY:	

TRADE SECRET INFORMATION

05/29/2001 02:15:24 PM