



DRAWING SUBMITTAL

REPRESENTED BY:

TODD AIR SOLUTIONS
101 E FISHER ST, 3rd FLOOR
SALISBURY NC 28144
Phone: 704 630-1101
Fax: 704 630-0528

CUSTOMER:

AVANI ENVIRONMENTAL
PO BOX 1279
YOUNGSVILLE, NC 27596

DATE: 3/1/2012

ATTENTION: Mr. Ken Haga

P.O. # 4239

CFV # 1202890

REPRESENTATIVE ORDER # CFQ# 172578

 X REFERENCE APPROVAL CORRECTION

QTY.	DRAWING NO.	DESCRIPTION
	- - - -	SPECIFICATION SHEET
	RBE174-SHT 6	MODEL RBE-17
	27321	FLANGES

REMARKS: 2D CAD FILE ALSO INCLUDED.

**SPECIFICATION SHEET**

CFV NO. 1202890	CUSTOMER ID NUMBER 3566220	PAGE 1		
SOLD TO AVANI ENVIRONMENTAL PO BOX 1279 YOUNGSVILLE, NC 27596	SHIP TO PAR SYSTEM/JERED LLC 3000 SYDNEY LANIER DRIVE ATTN: PAUL KERSY BRUNSWICK, GA 31520			
CUSTOMER P.O. NUMBER 4239		BUYER Mr. Ken Haga	REQUESTED SHIP DATE 3/14/12	
MARKS PO# 246908 ATTN: PAUL KERSY Ship Inst:AFS 866-533-2111				
SHIP VIA Call # in Shipping Notes		REPRESENTATIVE TODD AIR SOLUTIONS	REP. ORDER NO. CFQ# 172578	SHIPPING CHARGES Bill 'Sold-To'
QTY. 1	DESCRIPTION RADIAL BLADE EXHAUSTER	MODEL RBE-17	ROT CW BH	DISCH 4
			ARR OPEN	WHEEL/PROP 100%
MOTOR DATA	HP 30	RPM 1750	PH 3	CYCLE 60
	VOLTAGE 230/460V	FRAME 286T	ENCLOSURE TEFC	SUPPLIED BY CFV
	INSTALLED BY CFV			
SPECIAL MOTOR FEATURES 377105B				GROOVES FXD/ADJ
				BELT
FAN DATA	DENSITY .075	TEMP. 70 °F.	ALTITUDE	CFM 7800
AT OPERATING CONDITIONS			SP 12.000	RPM 1750
			BHP 26.600	
MOTOR VENDOR MODEL NUMBER EM4104T				MOTOR SHEAVE BUSHING
				FAN SHEAVE BUSHING

Record Print, 2D CAD Drawings

Complete Motor Description:

MTR, 30 HP, 1750 RPM, 3PH, 60Hz, 230/460V, TEFC, Prem Eff, FM, 286T, 1.15 SF, F Insul.,
40C Amb., F1 Box, All C.I. frame, Baldor

Maximum allowable wheel speed at 70°F is 2367 RPM

Estimated Shipping Weight: 1197 pounds

SERIES 18/25 WHEEL CONSTRUCTION

DRILL DISCHARGE FLANGE STANDARD

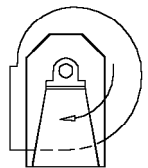
DRILL INLET FLANGE STANDARD BOLT CIRCLE ON-CENTERS

QUICK OPEN INSPECTION DOOR AT 3 O'CLOCK

DRAIN

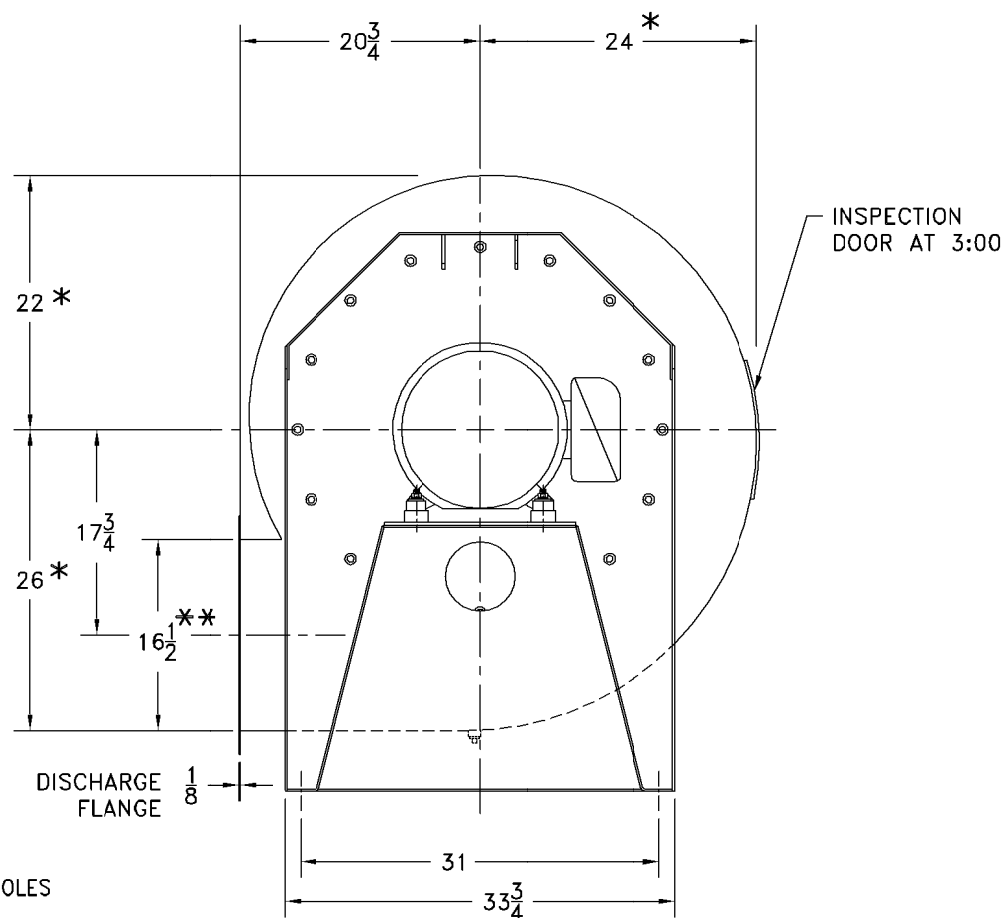
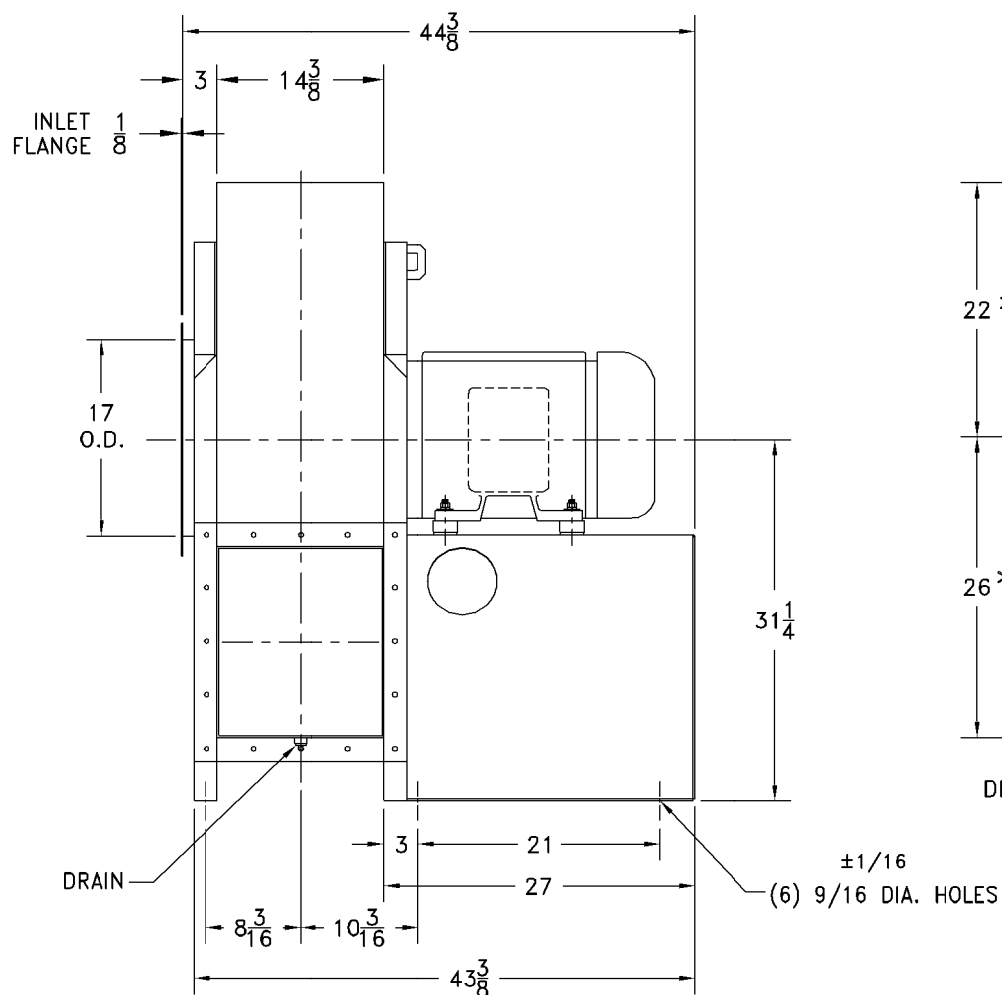
TEFLON SHAFT SEAL

AVANI BLUE PAINT

Submittal Email: khaga@avanienvironmental.com

CW BH

DR. BY LGDATE: 3/1/2012 CERTIFIED

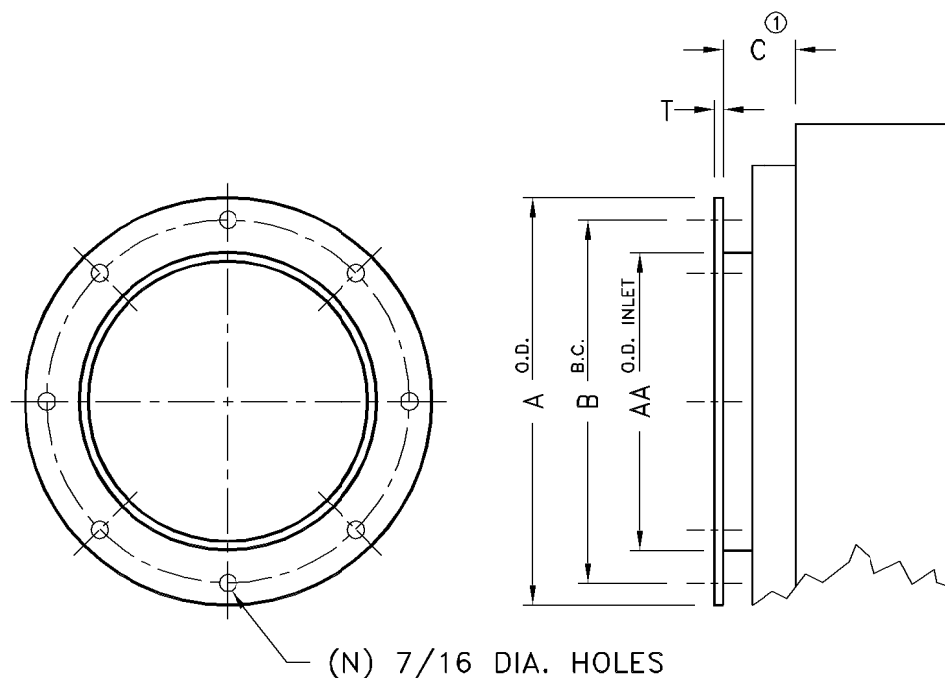


CW BOTTOM HORIZONTAL DISCHARGE SHOWN

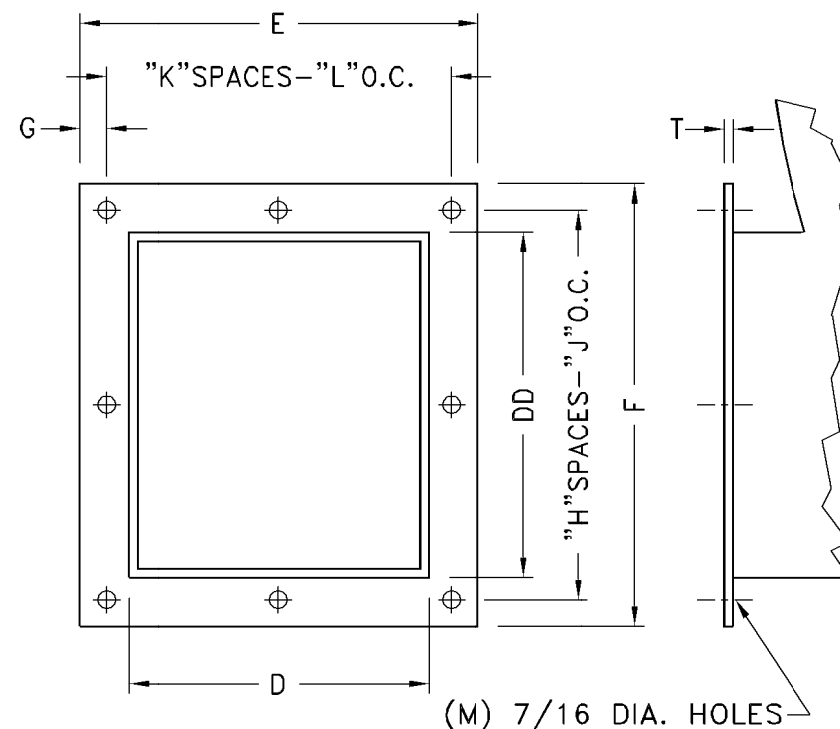
NOTES:

1. 284T-286T MOTOR SHOWN.
2. SEE DWG A27321 FOR INLET & DISCHARGE FLANGES.
- * 3. ADD 1/16 FOR HEAVY DUTY HOUSING.
- ** 4. ADD 1/8 FOR HEAVY DUTY HOUSING.

				SUPERSEDES:	TOLERANCES: FRACTIONS ±1/8 ANGLES: ± 1° DECIMALS: X.XXX = ±0.005 X.XX = ±0.060 X.X = ±0.120 ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED	SCALE: FULL IN CAD	 cincinnati fan 7697 SNIDER ROAD MASON, OHIO 45040			
						DATE: 03/01/12		TITLE RBE-17 ARR. 4 (CW BH)		
			SIMILAR TO:			DR. BY: LG				
						CHK. BY:				
NO.	DESCRIPTION	DATE	INITIALS		MATERIAL:	ASSEMBLY	A	DRAWING NO. RBE174	SHEET 6 of 6	REV.
REVISIONS										



INLET FLANGE



DISCHARGE FLANGE *

* NOT AVAILABLE ON ANY MODEL FOR DOWNBLAST OR BOTTOM ANGULAR DOWN, OR RBE-7 TOP ANGULAR DOWN DISCHARGE POSITION.

MODEL	INLET						DISCHARGE									
	A	B	C ^①	AA	N	T	D	E	F	G	H	J	K	L	M	DD
RBE-7	9-3/8	8-1/2	3	7	8	1/8	6-1/8	10-1/8	10-3/4	1	2	4-3/8	2	4-1/16	8	6-3/4
RBE-9	11-5/8	10-5/8	3	9	8	1/8	7-5/8	11-5/8	12-3/4	1	2	5-3/8	2	4-13/16	8	8-3/4
RBE-11	13-7/8	12-3/4	3	11	8	1/8	9-3/8	13-3/8	14-7/8	1-1/16	3	4-1/4	3	3-3/4	12	10-3/4
RBE-13	16-1/8	15	3	13	8	1/8	11	15	16-11/16	1-1/32	3	4-7/8	3	4-5/16	12	12-3/4
RBE-15	18-1/8	17	3	15	8	1/8	12-3/4	16-3/4	18-5/8	1-1/16	4	4-1/8	3	4-7/8	14	14-1/2
✗ RBE-17	20-1/8	19	3	17	8	1/8	14-3/8	18-3/8	20-5/8	1-1/16	4	4-5/8	4	4-1/16	16	16-1/2
RBE-19	22-1/8	21	4	19	8	1/8	15-7/8	19-7/8	22-3/8	1-1/16	4	5-1/16	4	4-7/16	16	18-3/8
RBE-21	24-1/2	22-1/2	5	21	12	3/16	17-3/4	21-3/4	24-11/32	1	5	4-15/32	4	4-15/16	18	20-5/16

① ADD 1/8 FOR AMCA "C" CONSTRUCTION FANS AND/OR DOWNBLAST AND BOTTOM ANGULAR DOWN DISCHARGE POSITIONS.