



NOTE 1:  
 MAXIMUM FAN DIAMETER (BLADES HORIZONTAL - AS SHIPPED) EQUALS NOMINAL FAN DIAMETER. ADJUSTMENT OF ±1.5 INCHES\* POSSIBLE AT INSTALLATION  
 \*BLADES WITH ATEX TIPS HAVE ADJUSTMENT OF -1.0" & +2.0 ON DIAMETER"

BUSHING AND/OR AIR SEAL CAN BE INSTALLED ON INLET OR OUTLET SIDE OF FAN.

A = BLADE TIP THICKNESS @ 19° BLADE ANGLE  
 B = RUNNING POSITION OF BLADES  
 C = MAXIMUM DROOP POSITION OF BLADES  
 D = MINIMUM OBSTACLE CLEARANCE AT INLET  
 F = CENTERLINE OF FAN TO BASE OF BUSHING  
 G = BUSHING OVERALL HEIGHT  
 H = MINIMUM OBSTACLE CLEARANCE AT OUTLET  
 I = NOMINAL MECHANICAL HUB DIAMETER  
 L = MAX. BUSHING TORQUE FT. LBS.  
 # = WITH S.A.E. STANDARD SQUARE KEYWAY  
 \* = WITH SHALLOW KEYWAY IN BUSHING  
 ° = MAX METRIC BORE WITH STANDARD KEYWAY

WITH FAN OPERATING AT 12000 FT. MINUTE BLADE TIP SPEED  
 PERCENT BLADE LOADING

DIA	PERCENT BLADE LOADING		C	D	H	
	100%	75%				
5'	4.8"	1.4"	1.0"	3.4"	2.0"	7.0"
6'	4.4"	1.7"	1.2"	3.7"	2.0"	7.0"
7'	4.0"	2.0"	1.5"	4.0"	2.0"	7.0"
8'	3.6"	2.4"	1.8"	4.4"	2.0"	7.0"
9'	3.2"	2.8"	2.1"	4.8"	2.0"	7.0"
10'	2.8"	3.2"	2.4"	5.2"	2.0"	7.0"

MAX BLADES	BUSHING TYPE	MAX # BORE	MAX * BORE	I	F	G	L
				6	U	2.750"	2.938"
8	U	2.750"	2.938"	9"	2.0"	2.7"	4000
8	W	3.750"	4.000"	9"	2.2"	2.8"	7300



## SERIES 30 STANDARD HUB HD FAN RIGHT HAND ROTATION