



NOTE 1:  
 MAXIMUM FAN DIAMETER (BLADES HORIZONTAL - AS SHIPPED) EQUALS NOMINAL FAN DIAMETER. ADJUSTMENT OF ±1.5 INCHES POSSIBLE AT INSTALLATION

- 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

BUSHING CAN BE INSTALLED ON INLET OR OUTLET SIDE OF FAN

SHAFT (BY OTHERS) MUST FULLY ENGAGE BUSHING

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

DIA	100%		75%		C	D	H
	A	B	B	C			
11'	2.2"	3.4"	2.8"	4.5"	2.0"	7.0"	
12'	2.1"	4.3"	3.5"	5.8"	2.0"	7.0"	
13'	1.9"	5.1"	4.1"	7.1"	2.0"	7.0"	
14'	1.8"	6.0"	4.8"	8.5"	2.0"	7.0"	
15'	1.7"	7.0"	5.6"	10.0"	2.0"	7.0"	
16'	1.5"	8.1"	6.4"	11.6"	2.0"	7.0"	
17'	1.4"	9.2"	7.2"	13.3"	2.0"	7.0"	
18'	1.3"	10.4"	8.1"	15.1"	2.0"	7.0"	
19'	1.2"	11.7"	9.0"	16.9"	2.0"	7.0"	
20'	1.1"	13.0"	10.1"	18.9"	2.0"	7.0"	
21'	1.0"	14.4"	11.1"	21.0"	2.0"	7.0"	
22'	0.9"	15.9"	12.2"	23.2"	2.0"	7.0"	
23'	0.8"	17.4"	13.4"	25.5"	2.0"	7.0"	
24'	0.7"	19.1"	14.7"	27.9"	2.0"	7.0"	

MAX BLADES	BUSHING TYPE	MAX # BORE	MAX * BORE	MAX ° BORE	I	F	G	L
					7"	8.0" OR 12"	2.7"	4000
6	U	2.750"	2.938"	75	7"	8.0" OR 12"	2.7"	4000
8	U	2.750"	2.938"	75	9"	8.0" OR 12"	2.7"	4000
12	U	2.750"	2.938"	75	12"	8.0" OR 12"	2.7"	4000
14	U	2.750"	2.938"	75	14"	8.0" OR 12"	2.7"	4000
8	W	3.750"	4.000"	100	9"	8.0" OR 12"	2.8"	7300
12	W	3.750"	4.000"	100	12"	8.0" OR 12"	2.8"	7300
14	W	3.750"	4.000"	100	14"	8.0" OR 12"	2.8"	7300
16	W	3.750"	4.000"	100	16"	8.0" OR 12"	2.8"	7300
8	X	3.750"	4.000"	100	9"	8.0" OR 12"	4.0"	9800
12	X	3.750"	4.000"	100	12"	8.0" OR 12"	4.0"	9800
14	X	3.750"	4.000"	100	14"	8.0" OR 12"	4.0"	9800
16	X	3.750"	4.000"	100	16"	8.0" OR 12"	4.0"	9800
12	Z	5.000"	5.500"	140	12"	8.0" OR 12"	4.0"	18000
14	Z	5.000"	5.500"	140	14"	8.0" OR 12"	4.0"	18000
16	Z	5.000"	5.500"	140	16"	8.0" OR 12"	4.0"	18000



## SERIES 72 EXTENDED HUB HD FAN RIGHT HAND ROTATION