



A = BLADE TIP THICKNESS @ 19° BLADE ANGLE
 B = RUNNING POSITION OF BLADES
 C = MAXIMUM BLADE TRAVEL
 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	100%		75%		C	D	H	MAX BLADES	BUSHING TYPE	MAX # BORE	MAX * BORE	MAX ° BORE	I	F	G	L
	A	B	B	B												
12"	7.5"	4.3"	3.5"	5.8"	2.0"	14.0"	12	U	2.750"	2.938"	75	75	7"	2.0"	2.7"	4000
13"	7.5"	5.1"	4.1"	7.1"	2.0"	14.0"	8	U	2.750"	2.938"	75	75	9"	2.0"	2.7"	4000
14"	7.5"	6.0"	4.8"	8.5"	2.0"	14.0"	12	U	2.750"	2.938"	75	75	12"	2.0"	2.7"	4000
							8	W	3.750"	4.000"	100	100	9"	2.2"	2.8"	7300
							12	W	3.750"	4.000"	100	100	12"	2.2"	2.8"	7300
							14	W	3.750"	4.000"	100	100	14"	2.2"	2.8"	7300
							8	X	3.750"	4.000"	100	100	9"	2.2"	4.0"	9800
							12	X	3.750"	4.000"	100	100	12"	2.2"	4.0"	9800
							14	X	3.750"	4.000"	100	100	14"	2.2"	4.0"	9800
							16	X	3.750"	4.000"	100	100	16"	2.2"	4.0"	9800
							12	Z	5.000"	5.500"	140	140	12"	2.2"	4.0"	18000
							14	Z	5.000"	5.500"	140	140	14"	2.2"	4.0"	18000
							16	Z	5.000"	5.500"	140	140	16"	2.2"	4.0"	18000



SERIES 72 HD FAN EXTENDED CHORD LEFT HAND ROTATION