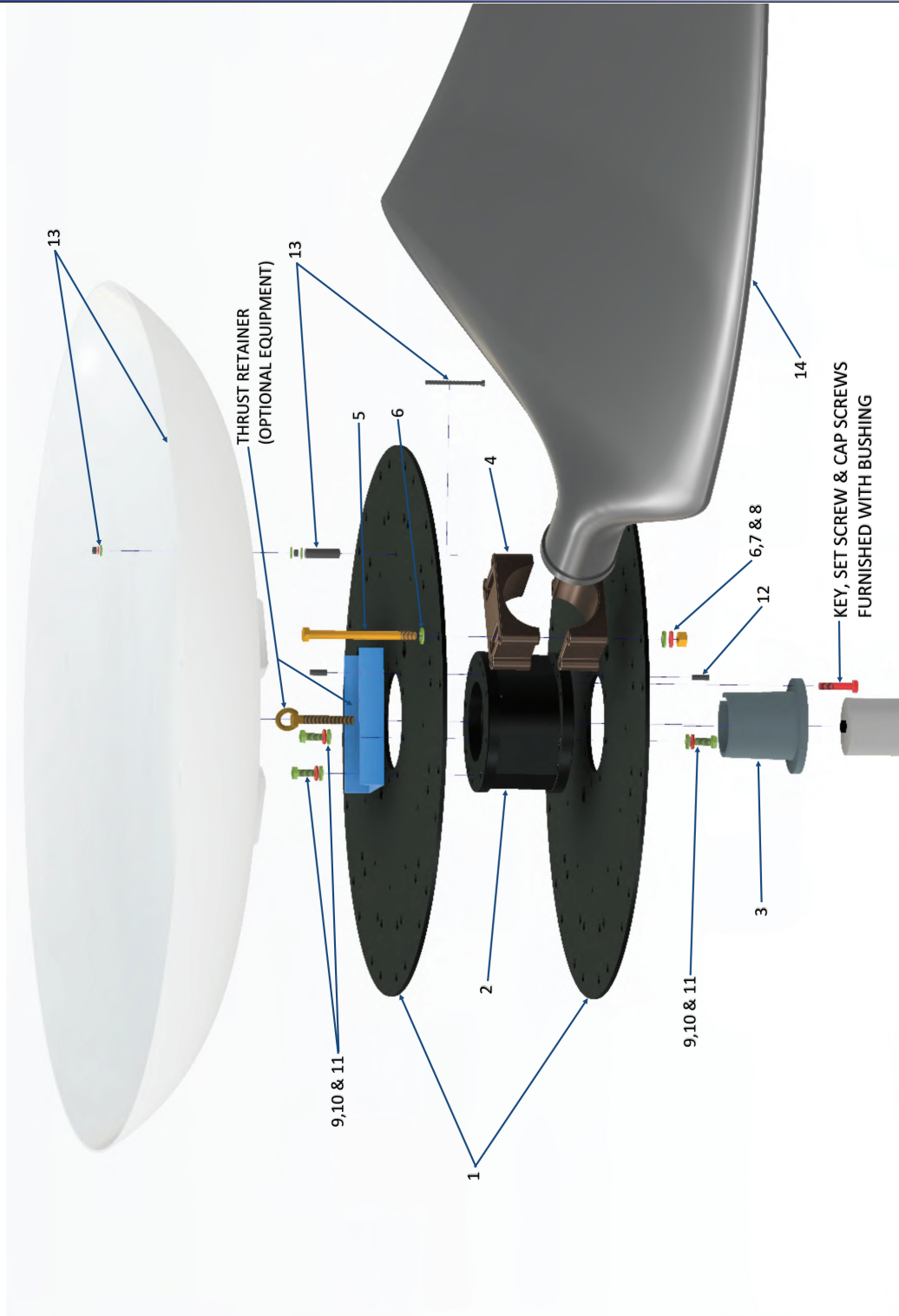


5000 Series Tuf-Lite IV Fans



HUDSON PRODUCTS CORPORATION
Adjustable Pitch Fan Assembly 32' thru 33' Diameter
Series 5000M HUB



PROJECT NAME AND LOCATION:			
MODEL NO.:			
DWG NAME:			
DRAWING NUMBER: A-100	JOB NUMBER:	SHEET 1 of 1	REV: 0
SCALE: NO SCALE	COMMENTS:		

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REVISIONS					
REV.	DESCRIPTION	DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:
0					
1					
2					
3					
4					

COOLING TOWER DEPOT, INC
CORPORATE CIRCLE
GOLDEN, CO 80401
720-746-1234

REV:	0	SHEET	1	OF	1
JOB NUMBER:		SCALE:	NO SCALE		
					A-100

5000 Series Tuf-Lite IV Fans

ITEM	DESCRIPTION	TYPE	PART. NO	NO. OF BLADES							
				6	7	8	9	10	11	12	
	32 Ft. & 32.8 Ft. Dia. Fans 4.25" thru 5.50" Diameter Shaft	U-1	Hub Assy. No. Part No.	5806 42450	5807 42451	5808 42452	5809 42453	5810 42454	5811 42455	5812 42456	
	33 Ft. Dia. Fans 4.25" thru 5.50" Diameter Shaft	U-1	Hub Assy. No. Part No.	5806P2.25 42460	5807P2.25 42461	5808P2.25 42462	5809P2.25 42463	5810P2.25 42464	5811P2.25 42465	5812P2.25 42466	
1	48" Dia. Hub Plates for 32 & 32.8' Dia. Fans	U-1	Part No.	C5283CG	51167	C5283CG	61534	D5760	61525CG	C5283CG	
	50.25" Dia. Hub Plates for 33' Dia. Fans	U-1	Part No.	D5701	D5702	D5703	D5704	D5705	D5706	D5707	
ITEM	DESCRIPTION	TYPE	PART. NO	QUANTITY PER ASSEMBLY							
2	Hub Spool	U-1	65058	1	1	1	1	1	1	1	
3	Bushing	U-1	Specify Bore	1	1	1	1	1	1	1	
4	Blade Clamp Half, Powder Epoxy Coated Die Cast Alum. (Standard) Option 1: Powder Epoxy Coated Ductile Iron** Option 2: Coal Tar Epoxy Coated Ductile Iron**		D5131 65013 65013C	12	14	16	18	20	22	24	
5	Blade Clamp Bolt 3/4"-10 x 10" (Grade 8,EcoGuard®)		42404	24	28	32	36	40	44	48	
6	3/4" Lock washer (EcoGuard®)		42405	24	28	32	36	40	44	48	
7	3/4" Flat washer (EcoGuard®)		42406	48	56	64	72	80	88	96	
8	Hex Nut 3/4"-10 (EcoGuard®)		42407	24	28	32	36	40	44	48	
9	Hub Spool Cap Screw 5/8"-11 x 1 1/2"(316 SS)		72402	16	16	16	16	16	16	16	
10	5/8" Lock washer (316 SS)		73731	16	16	16	16	16	16	16	
11	5/8" Flat washer (316 SS)		73719	16	16	16	16	16	16	16	
12	Pin, Grooved, 1/2" X 1-1/2"		74540	4	4	4	4	4	4	4	
13	76" Diameter "K" Seal Disc Kit *		D5938	1	1	1	1	1	1	1	
14	Tuf-Lite IV® Blade (Black)		(Varies)	6	7	8	9	10	11	12	

* Includes all hardware (316 SS) to assembly and mount.

** Recommended on concrete and round towers, or corrosive environments. Contact Hudson for pricing.

STANDARD MATERIALS & FINISHES

Blades: Fiberglass reinforced vinyl ester

Hub Spool: Ductile Iron, Coal Tar Epoxy coating

Plates: Coal Tar Epoxy coated steel

Bushing: Malleable Iron

Seal Disc: Fiberglass Reinforced Polyester

Blade Clamps:

Epoxy Powder Coated Die Cast Alum (Standard)

Epoxy Powder Coated Ductile Iron (Option 1)

Coal Tar Epoxy Coated Ductile Iron (Option 2)

Fasteners:

Grade 8 (EcoGuard®)

Complete Fan with K500 Monel (Option 1)

WHEN ORDERING, SPECIFY FAN DIAMETER, TYPE & NUMBER OF BLADES & SHAFT DIAMETER

EXAMPLE:

APT

32M

8


4 1/2" BORE

Fan Model
Adjustable Pitch

Fan Diameter & Blade Type
(Specify "M" for Tuf-Lite IV® Blades)

Number
of Blades

Shaft Diameter

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