

INDUSTRIAL FIBERGLASS FANS

PRODUCT DATA SHEET

Typical Applications: Cooling Towers, Air Cooled Heat Exchangers & Industrial Condensers

FAN ASSEMBLY [†]	STANDARD DIAMETERS	AVAILABLE OPTIONS*
Available Dia. In 1 Foot Increments:	5 to 40 Feet (1.5 to 12.1 Meters)	In Between Custom Dia.

CONFIGURATION	For Fan Dia.	STANDARD CONFIGURATION	AVAILABLE OPTIONS*
Available Blade Configuration:	5 to 34 Feet (1.5 to 10.3 Meters)	4 to 12 Blades Per Fan Assembly	
	35 to 40 Feet (10.6 to 12.1 Meters)	6 to 16 Blades Per Fan Assembly	

FAN BLADES ^{††}	For Fan Dia.	STANDARD MATERIALS & COATINGS/TREATMENTS		AVAILABLE OPTIONS*	
		Material	Coating/Treatment	Material	Coating/Treatment
Blade:	Up to 9 Feet (Up to 2.7 Meters)	Glass Fiber Reinforcement	Gel Coat Layered With Navy Blue UV & Weather Resistant Polyurethane Paint	Stainless Steel Grade AISI-304/316	Anti-Static/Anti-Spark Coating, Custom Blade Color
	10 Feet & Higher (3 Meters & Higher)	Composite: Glass Fiber Reinforcement Skin & High Density Polyurethane Foam Core			
Blade Shank Collar:	17 Feet to 40 Feet (5.1 M to 12.1 M)	Grade IS2062 FE410WA Steel	Hot Dipped Galvanized As Per IS 2629 & IS 4759		
Blade Leading Edge:	All	Polyurethane Coating With Abrasion Resistance & UV Protection			

HUB ASSEMBLY	For Fan Dia.	STANDARD MATERIALS & COATINGS/TREATMENTS		AVAILABLE OPTIONS*	
		Material	Coating/Treatment	Material	Coating/Treatment
Center Hub Spool:	All	IS2062 FE410WA Steel	Hot Dipped Galvanized As Per IS 2629 & IS 4759	IS210-1993 Grade FG-200 Cast Iron or Stainless Steel Grade AISI-304/316	Epoxy Tar Coat (Only Available With Grade IS2062 FE410WA Steel & IS210-1993 Grade FG-200 Cast Iron)
Hub Plates:		Grade IS2062 FE410WA Steel			
Blade Holding Blocks:		Grade IS2062 FE410WA Steel			
Steel Hardware:		Standard IS1367 Grade 8.8 Steel			
Seal Disk:		10 Feet & Higher (3 Meters & Higher)			

OPERATING RANGES	For Fan Dia.	STANDARD RANGES		AVAILABLE OPTIONS*	
		Range		Range	
Operating Temperature - Continuous:	All	180° F (82.2° C)		210° F (98° C)	
Operating Temperature - Intermittent:		180+° F to 210° F (82+° F to 98.8° C)		210+° F to 250° F (98+° C to 121° C)	
Recommended Tip Speed:	All	12000 Feet Per Minute (3658 Meters Per Minute)		15000 Feet Per Minute (4573 Meters Per Minute)	

BUSHINGS	For Fan Dia.	STANDARD BUSHING INFORMATION			AVAILABLE OPTIONS*
		Recommended Bushing Type	Bore Dia. Range		
			Min.	Max.	
Bushing:	Up to 9 Feet (Up to 2.7 Meters)	P2	1.5" (38.10 mm)	1.75" (44.45 mm)	Custom Bore
	10 to 16 Feet (3 to 4.8 Meters)	Q2	2.125" (53.975 mm)	2.625" (66.675 mm)	
	17 to 24 Feet (5.2 to 7.3 Meters)	R2	2.875" (73.025 mm)	3.625" (92.075 mm)	
	25 to 28 Feet (7.6 to 8.5 Meters)	S2	3.25" (82.55 mm)	4.1875" (106.362 mm)	
	29 to 36 Feet (8.8 to 10.3 Meters)	U1	4.375" (111.125 mm)	5.5" (139.7 mm)	
	35 to 36 Feet (10.6 to 10.9 Meters)	U1/U2	4.375" (111.125 mm)	5.5" (139.7 mm)	
	37 to 40 Feet (11.2 to 12.1 Meters)	W1	6.25" (158.75 mm)	7.4375" (188.9 mm)	

[†]All fan assemblies balanced to ISO 1940 G 6.3 Standard

^{††}Blade pitch angles are manually adjustable on all fans

*Additional costs may apply for any available options selected.

Please refer to the *CTX Series Fans Available Options List* for detailed description of all available options.