

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 Ribs			
Blade Shank Collar:	17 Feet to 40 Feet (5.1 M to 12.1 M)	Grade IS2062 FE410WA Steel / ASTM A36	Hot Dipped Galvanized As Per IS 2629 & IS 4759 / ASTM 123		
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 / ASTM A36	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 /ASTM A36 Steel & IS210-1993 Grade FG-200 Cast Iron)
Hub Plates:		Grade IS2062 FE410WA Steel / ASTM A36			
Blade Holding Blocks:		Grade IS2062 FE410WA Steel / ASTM A36		Stainless Steel Grade AISI-304/316	
Steel Hardware:		Standard IS1367 Grade 8.8 Steel			
Seal Disk:	20 Feet & Higher (6 Meters & Higher)	Glass Fiber Reinforcement	Gel Coat Layered With Gray UV & Weather Resistant Polyurethane Paint		

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			Material
			Min. - Max.			
Bushing:	Up to 9 Feet (Up to 2.7 Meters)	P2	0.75" - 1.75" (19.05 mm - 44.5 mm)		Custom Bore SS304 SS316	
	10 to 16 Feet (3 to 4.8 Meters)	Q2	1.000" - 2.625" (25.4 mm - 66.675 mm)			
	17 to 24 Feet (5.2 to 7.3 Meters)	R2	1.375" - 3.625" (34.925 mm - 92.075 mm)			
	25 to 28 Feet (7.6 to 8.5 Meters)	S2	1.875" - 4.1875" (47.625 mm - 106.362 mm)			
	29 to 36 Feet (8.8 to 10.3 Meters)	U1	2.375" - 5.5" (60.325 mm - 139.7 mm)			
	35 to 36 Feet (10.6 to 10.9 Meters)	U1/U2	2.375" - 5.5" (60.325 mm 139.7 mm)			
	37 to 40 Feet (11.2 to 12.1 Meters)	W1	3.375" - 7.4375" (85.725 mm - 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.