

# Corrosion-Resistant Fiberglass Fans



## Why Fiberglass?

Fiberglass provides excellent corrosion resistance and weight saving when compared to carbon steel. Equipment can weigh up to 25% less when compared to traditional steel exhaust fans. Cook fiberglass products are constructed with Hetron 693 corrosion resistant polyester resin with a Class I flame spread of 25 or less. A UV inhibitor is included.

## Typical Applications

- Water Treatment Plants
- Wastewater Treatment Plants
- Pumping Stations
- Indoor Swimming Pools
- Aquariums
- Laboratory Exhaust Systems
- Chemical Process Facilities
- Pulp and Paper Mills
- Fertilizer Manufacturing
- Chemical Storage Facilities
- Battery Charging Stations

## FCE



## FCE



## FCRU



## Construction Features:

### FCE / FCRU

- Curb mounted solution for corrosive environments
- Available in 7 belt drive and 3 direct drive sizes
- Motor and drive components protected from the airstream
- Suitable for airstream temperatures up to 200°F

### FCP

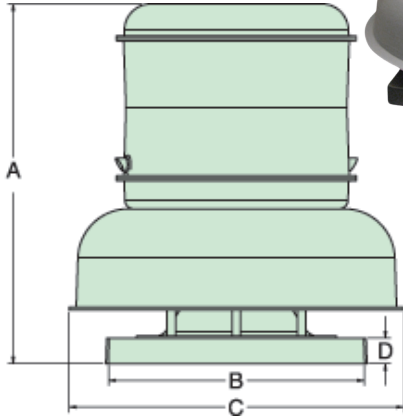
- Centrifugal utility set for higher pressure applications
- Available in 9 belt drive sizes
- Arrangement 10, Class I and II construction
- Suitable for airstream temperatures up to 250°F

### Wheel

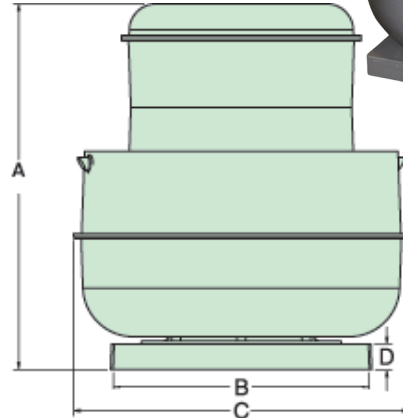
- The only one-piece die formed FRP wheel in the industry
- Molded using Derakane 510-A corrosion resistant vinylester resin with a Class II flame spread of 30 or less
- Available in 100% and 66% widths



**FCE**  
Downblast FRP  
Exhaust Fan



**FCRU**  
Upblast FRP  
Exhaust Fan



Fan Size	Dimensions (inches)				CFM Range	Pressure Range
	A	B	C	D		
12	33	20	30	2	350 to 3,000	0 to 3"
15	34	24	35	2	750 to 3,500	0 to 3"
18	43	30	40	3	700 to 4,500	0 to 2"
24	46	30	50	3	2,300 to 8,000	0 to 2"
30	56	36	55	3	2,900 to 12,000	0 to 2"
36	61	42	65	3	4,300 to 18,000	0 to 2"
40	64	48	65	3	5,000 to 20,000	0 to 2"

**FCP**



Fan Size	CFM Range	Pressure Range
12	800 to 3,200	0 to 10"
15	1,400 to 4,800	0 to 10"
18	2,000 to 7,500	0 to 10"
22	3,000 to 12,000	0 to 10"
24	3,000 to 14,000	0 to 10"
27	4,800 to 18,000	0 to 10"
30	6,000 to 22,500	0 to 10"
33	6,000 to 28,000	0 to 10"
36	8,000 to 32,000	0 to 12"



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