

Full Centrifugal Fans



Full Centrifugal Aeration fans provide high airflow to counter the higher back pressures of larger grain bins or silos with a significant amount of grain. They can distribute air evenly throughout the grain mass and provide good airflow for temperature and moisture control.

The S3 Air Systems Full-speed Centrifugal Aeration Fan utilizes a centrifugal rotor which spins at a nominal 3450 rpm and incorporates the following features:

- 100% CSA Certified fan and components.
- Heavy gauge steel housing with motor-mount base and feet.
- Heavy duty support over center of gravity for easy and strong suspended install style.
- Spun bell intake for smooth air intake and high efficiency.
- Fan housing has tapered exhaust for easy insert and proper fit.
- Aluminum fan rotor for a light weight efficient design, corrosion resistance, and quick starts with lower amp draw.
- Powder coated body and zinc-plated screen for long life.
- Internal motor that is 100% CSA Certified and thermally protected.
- Weather-tight control enclosure.

Fans come standard Bin Sense ready, with the exception of 3 & 5 HP models, which can be equipped upon request.



Full Centrifugal Fan specifications

Static Pressure (inches)	Airflow (CFM) @ 3450 RPM			
	3 HP	5 HP	7½ HP	10 HP
4	3060	4100	5325	6400
6	2690	3520	4820	5800
8	2170	3060	4280	5000
10	1300	2470	3510	4200
12		1760	2300	3600

