

# High-speed Centrifugal Fans



High-speed Centrifugal Aeration Fans provide maximum airflow in larger grain bins or silos particularly when there is a need for rapid cooling or drying. They can handle higher static pressures and are effective for pushing air through longer duct systems or resisting backpressure from dense grain masses.

The S3 Air Systems High-speed Centrifugal fan utilizes a centrifugal rotor spinning at a nominal 3550 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.
- 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.

## High-speed Centrifugal Fan specifications

Static Pressure (inches)	Airflow (CFM) @ 3550 RPM			
	20 HP	25 HP	30 HP	40 HP
2			12024	15240
4	8261	9546	11529	14757
6	7870	9059	11044	14245
9	7235	8465	10320	13414
12	6538	7939	9580	12495
15	5773	7183	8797	11465
18	4913	6378	7936	10286
22	3395	5293	6545	8341
26		3491	4233	
27		556		

