

# Low-speed Centrifugal Fans



Low-speed Centrifugal Fans are most effective where gentle and continuous airflow is required at lower pressures or where a gentler airflow is preferred to avoid excessive grain movement or damage. They can provide more uniform aeration, allowing for better moisture equilibrium and temperature control in the grain mass.

The Low-speed Centrifugal Aeration Fan has been designed for applications that require extremely high flow at low pressure. This fan utilizes a centrifugal rotor spinning at a nominal 1750 rpm and incorporates the following features:

- 100% CSA Certified fan and components.
- Heavy gauge steel housing with platform 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.

## Low-speed Centrifugal Fan specifications

Static Press. (inches)	Airflow (CFM) @ 1750 RPM				
	10 HP	15 HP	20 HP	25 HP	30 HP
1	13500	17000	20750	23500	25100
2	12800	16200	20000	22500	24300
3	11850	15250	19000	21350	23300
4	10700	14400	18100	20250	22250
5	9400	13400	17000	19100	21000
6	8200	12100	15500	18000	19750
7	7200	10500	14000	17000	18600

