

AGI FANS

FANS & HEATERS



Protection for your investment

You invest in a bin to protect your grain from the elements, but what's protecting your grain from spoilage inside? You can trust AGI Fans to protect your investment. AGI Fans are designed to manage airflow inside the bin to keep grain conditioned and prevent spoilage. AGI Fans are engineered for long-lasting applications and simple, smooth operation. With a complete lineup of low and high speed Centrifugal, Axial, and In-line fans – AGI has what you need for your operation.



Axial fans

AGI axial fans are engineered for efficient, high-volume air delivery in low to medium storage depths.

- Available in ¼ - 10 HP
- Single and two-stage fan options available
- Axial airfoil propellers cast of shatter-resistant aluminum alloy
- Statically and dynamically balanced
- Self-locking mechanism
- Totally enclosed air-over motors (TEAO)
- Housings are constructed of heavy-gauge steel for strength and durability



AXIAL FANS AIR DELIVERIES (CFM)

INCHES IN STATIC PRESSURE

MODEL	HP	0.75	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
12" Axial	¼	1,330	1,150	775	555											
14" Axial	1	2,500	2,340	1,850	1,275	840										
16" Axial	1 ½	3,780	3,625	3,150	2,330	1,750	1,400									
18" Axial	1 ½	4,975	4,825	4,450	3,625	2,580	1,425									
18" Axial	3	6,225	6,075	5,700	5,160	4,325	3,125	2,300	1,550	1,275						
24" Axial	5	10,725	10,400	9,600	8,725	7,775	6,800	5,630	4,575	3,625	2,700	1,950				
24" Axial	7 ½ -10	13,450	13,280	12,750	12,150	11,350	10,300	9,225	8,150	6,975	5,710	4,300	3,150			
28" Axial	10--15	17,450	17,170	16,575	15,600	14,525	13,425	12,375	11,200	9,680	8,500	7,375	6,500	5,600	4,825	3,920

TWO STAGE AXIAL FAN

INCHES IN STATIC PRESSURE

MODEL	HP	0.75	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
14" 2-Stage Axial	1 ½	3,000	2,950	2,800	2,640	2,360	2,150	1,840	1,725	1,430	1,175	950	800	580		
18" 2-Stage Axial	3	5,710	5,610	5,310	5,000	4,670	4,250	3,800	3,400	2,940	2,480	2,000	1,700	1,310	1,050	

Fan Performance: Airflow (CFM) at Static Pressure (In. Water Gauge)

Low speed centrifugal fans

AGI low speed centrifugal fans are designed to maximize airflow at lower to medium static pressures. AGI Fans are built for performance and durability.

- Available in 5-100 HP sizes
 - 5-40 HP galvanized housing with an airfoil blade
 - 40-100 HP painted steel housing with a backward incline wheel
- Totally enclosed, fan-cooled, electric motors (TEFC)
- Precision-balanced wheel ensures maximum airflow and efficiency
- Adjustable feet allow fans to be leveled on a concrete pad or support stand
- Aerodynamically designed inlet cone
- Weatherproof electrical controls



LOW SPEED (1750 RPM) AIR DELIVERIES (CFM)

INCHES IN STATIC PRESSURE

MODEL	HP	0	1	2	3	4	5	6	7	8	9	10	11
GGL-805**	5	9500	8900	7650	6700	6000	5200	3700	2000	476			
GGL-807**	7.5	12100	11500	10600	9700	9000	7900	6700	4250	2000			
GGL-810**	10	16050	15100	14200	13300	12300	11300	10100	7800	3270			
GGL-815**	15	18100	17000	16200	15200	14300	12700	11700	11100	8750	4000		
GGL-8203*	20	23700	22800	21800	20600	19600	18600	17200	15800	13210	10550	7510	1950
GGL-8253*	25	24100	23700	22700	21700	20900	20000	19000	17700	15250	12375	10000	4550
GGL-8303*	30	28000	26700	25500	24500	23500	22300	21000	20000	18000	16000	14000	10000
GGL-8403*	40	30400	30395	29670	28630	27340	26155	24835	23405	20305	19450	17585	15235

** Phase and Voltage of fan

LOW SPEED (1750 RPM) AIR DELIVERIES (CFM)

INCHES IN STATIC PRESSURE

MODEL	HP	0	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CL-3040	40	29679	28173	27143	26149	25095	23998	22786	21307	19640	16717					
CL-3340	40	25187	24184	23428	22698	21984	21208	20423	19580	18571	17426	16176	13359			
CL-3350	50	31474	30220	29276	28364	27471	26501	25521	24468	23206	21776	20214	16693			
CL-3360	60	37800	36295	35160	34066	32994	31828	30651	29385	27870	26152	24277	20049			
CL-3660	60	31380	30371	29663	28893	28146	27409	26613	25785	24997	24035	22952	21763	20496	18292	14257
CL-3675	75	39185	37925	37042	36080	35147	34286	33232	32199	31215	30014	28662	27177	25594	22842	17802
CL-36100	100	52282	50601	49422	48139	46895	45668	44340	42961	41648	40046	38241	36260	34149	30477	23753

Fan Performance: Airflow (CFM) at Static Pressure (In. Water Gauge)

** Phase and Voltage of fan

High speed centrifugal fans

AGI high speed centrifugal fans are designed to maximize airflow at medium to high static pressures. AGI Fans are built for performance and durability.

- Available in 3-100 HP sizes
 - 3-15 HP powder coated housing with an airfoil blade
 - 20-40 HP galvanized housing with an airfoil blade
 - 40-100 HP painted steel housing with a backward incline wheel
- Totally enclosed, fan-cooled, electric motors (TEFC)
- Precision-balanced wheel ensures maximum airflow and efficiency
- Adjustable feet on larger horsepower units allow the fan to be leveled on a concrete pad or support stand
- Aerodynamically designed inlet cone
- Weatherproof electrical controls



HIGH SPEED (3550 RPM) AIR DELIVERIES (CFM)

INCHES IN STATIC PRESSURE

MODEL	HP	0	2	4	6	8	10	11	12	13	14	15	16	17	18	19	20	21	22	
CH-2040	40	17307	16,857	16,228	15,538	14,855	14,100	13,738	13,292	12,815	12,278	11,712	11,125	9,968	8,137					
CH-2240	40	13685	13,413	13,069	12,626	12,199	11,776	11,536	11,298	11,071	10,845	10,564	10,281	9,951	9,616	9,256	8,892	8,315	7,373	
CH-2250	50	17101	16,760	16,330	15,777	15,244	14,714	14,415	14,117	13,834	13,552	13,200	12,848	12,435	12,016	11,566	11,111	10,390	9,213	
CH-2260	60	20516	20,108	19,592	18,927	18,288	17,653	17,293	16,936	16,597	16,258	15,836	15,413	14,918	14,415	13,875	13,329	12,465	11,053	
MODEL	HP	0	5	10	15	20	22	24	26	27	28	29	30	31	32	33	36	39	42	
CH-2440	40	11534	10,974	10,206	9,398	8,422	7,936	7,418	6,290											
CH-2450	50	14402	13,702	12,743	11,734	10,516	9,909	9,262	7,854											
CH-2460	60	17302	16,460	15,308	14,096	12,633	11,904	11,127	9,436											
CH-2475	75	21635	20,583	19,143	17,627	15,798	14,886	13,914	11,799											
CH-2750	50	11451	11,045	10,441	9,844	9,191	8,904	8,587	8,212	8,024	7,822	7,619	7,416	7,104	7,029	6,084				
CH-2760	60	13733	13,246	12,521	11,805	11,022	10,678	10,298	9,848	9,622	9,380	9,137	8,893	8,519	7,985	7,296				
CH-2775	75	17177	16,568	15,662	14,771	13,787	13,356	12,880	12,317	12,035	11,733	11,428	11,124	10,656	9,988	9,126				
CH-27100	100	22880	22,069	20,862	19,670	18,365	17,790	17,157	16,407	16,032	15,629	15,223	14,817	14,008	13,305	12,153				
CH-3075	75	13845	13,458	12,905	12,322	11,721	11,459	11,212	10,964	10,809	10,654	10,500	10,339	10,157	9,974	9,791	9,205	8,368	6,673	
CH-30100	100	18455	17,938	17,203	16,425	15,623	15,274	14,944	14,614	14,408	14,202	13,996	13,782	13,538	13,294	13,050	12,270	11,155	8,894	

Fan Performance: Airflow (CFM) at Static Pressure (In. Water Gauge)

HIGH SPEED (3550 RPM) AIR DELIVERIES (CFM) INCHES IN STATIC PRESSURE

MODEL	HP	2	4	6	8	10	12	14	16
GGF-803**	3	3,430	3120	2740	2260				
GGF-805**	5	4,800	4100	3530	3140	1980			
GGF-807**	7.5	5,500	5140	4560	4140	3480	2410		
GGF-810**	10	6,947	6258	5843	5500	5150	4750		
GGF-8153*	15	8,925	8450	7955	7380	6630	6050		
GGF-8203*	20	8,930	8560	8190	7830	7660	7090		
GGF-8253*	25	10,155	9375	8610	7865	7130	6415		
GGF-8303*	30	12,650	11850	10980	10050	9065	8010	6895	
GGF-8403*	40	16,990	16290	15590	14890	14190	13490	12790	11740

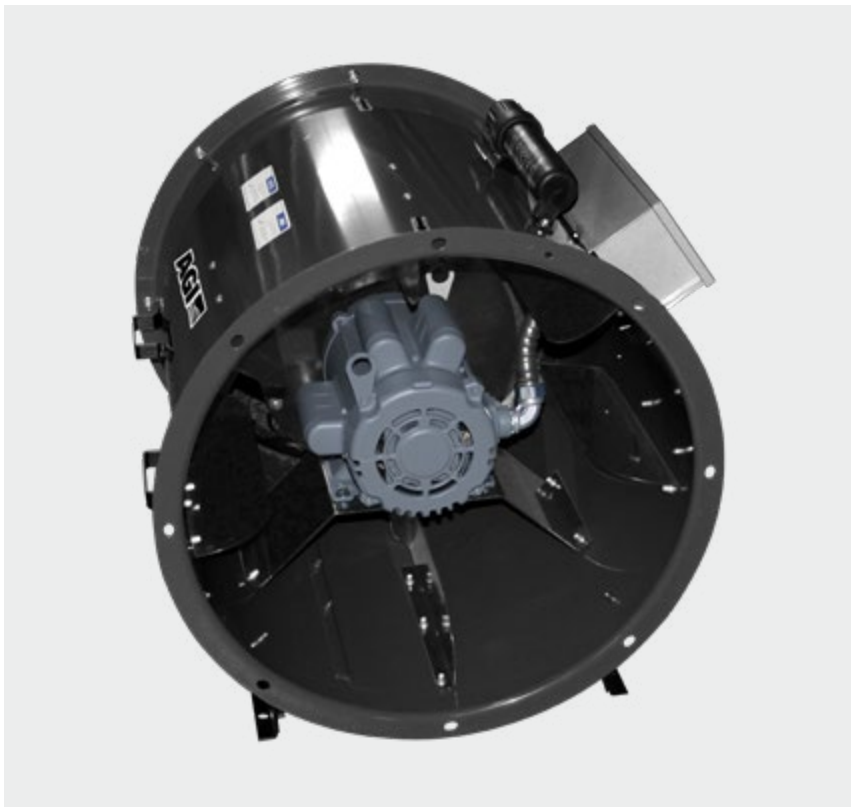


Fan Performance: Airflow (CFM) at Static Pressure (In. Water Gauge)
 ** Phase and Voltage of fan

In-Line centrifugal fans

AGI in-line centrifugal fans are designed to maximize airflow at low to medium static pressures in cereal grains. AGI Fans are built for performance and durability.

- Available in 3-15 HP sizes
- 18", 24", and 28" powder coated housing
- Precision balanced steel fan wheel ensures maximum airflow and efficiency
- Aerodynamically designed inlet cone
- Weatherproof electrical controls
- Air-over cooled motor (ODP)



IN-LINE CENTRIFUGAL FAN AIR DELIVERIES (CFM)

INCHES IN STATIC PRESSURE

MODEL	HP	2	4	6	8	10	12	14
GGI-803**	3	3690	3020	2130				
GGI-805**	5	5,430	4790	4050	1600			
GGI-807**	7	6,550	5950	5,220	4,340	1,560		
GGI-810**	10	7,750	7220	6,550	5,850	4,960	3,640	
GGI-815**	15	8,900	8340	7,715	6,940	6,300	5,337	1,390

Fan Performance: Airflow (CFM) at Static Pressure (In. Water Gauge)
 ** Phase and Voltage of fan

High temperature downstream heaters

AGI high temperature downstream heaters are designed to increase temperature while decreasing humidity. Recommended to be used with a stirrator system, allows for crops to be efficiently and effectively dried inside of your grain bin.

- Two sizes available in both natural gas and liquid propane
 - To fit 5 HP to 15 HP low speed fans
 - LP 200,000 to 2.45 million BTU
 - Natural gas 240,000 to 2.35 million BTU
 - To fit 20 HP to 40 HP low speed fans
 - LP 603,000 to 4.48 million BTU
 - Natural gas 704,000 to 4.23 million BTU
- Adjustable vaporizer on liquid propane models
- Built-in safety and troubleshooting features allow for safe operation and easy problem diagnosis
- Y-Strainers keep fuel impurities out of valves
- Transitions and adaptor plates available to match the appropriate fan/heater combination



Low temperature upstream heaters

AGI's low temperature upstream heaters are your solution when a slight rise in temperature is required to aid in drying your crop. Low temp heaters are designed to provide a consistent amount of heat which results in less cycling and increases the longevity of components.

- Available in vapor Propane or natural gas models to fit 10 HP to 40 HP low speed fans
 - Propane 37,500-346,000 BTU
 - Natural gas 59,000 to 335,000 BTU
- Perfect solution for low temperature grain drying when less than 20 °F (11 °C) temperature rise is required
- Built-in adjustable brackets fit a variety of centrifugal fans
- Built-in safety and troubleshooting features allow for safe operation and easy problem diagnosis
- Unique adjustable airflow baffles allow for successful ignition at low burner pressures
- Remotely mounted control box
- Industrial-grade ignitor and flame probe provide consistent lighting and long service life



AGI aeration accessories

AGI offers accessories that complement our extensive fan and heater offering. Accessories available include:

- Silencers
- Shutters
- Static pressure gauge
- Plenum thermostat kit
- Full line of transitions





AGI is a leading provider of equipment solutions for agriculture bulk commodities including seed, fertilizer, grain, and feed systems with a growing platform in providing equipment and solutions for food processing facilities. AGI has manufacturing facilities in Canada, the United States, the United Kingdom, Brazil, South Africa, India and Italy and distributes its products globally.



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