

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.

AGI FEATURES

- Available in 3HP to 15HP
- Statically and dynamically balanced
- Totally enclosed air-over motors (TEAO)
- Housings are constructed of heavy-gauge steel for strength and durability
- Light Weight Glass-Reinforced Polypropylene (GRP) Impellers

AGI AIRLANCO FEATURES

- Single and two-stage fan options available
- Axial airfoil has two different propellers cast of shatter-resistant aluminum alloy
- Self-locking mechanism



VANE AXIAL (3450 RPM) AIR DELIVERIES (CFM)

MODEL	HP	0	1	2	3	4	5	6	7	8
GGX-803**	3	5,630	5,150	4,310	3,320	2,180	1,420	870		
GGX-807**	5 - 7	11,090	10,450	9,280	7,910	6,160	4,350	3,060	1,790	
GGX-810**	7.5 - 10	13,180	12,600	11,280	9,830	8,040	5,720	4,130	2,530	1,440
GGX-815**	10 - 15	17,530	16,980	15,680	14,170	12,490	10,610	8,430	5,140	2,200

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	¾	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.

AGI FEATURES

- 5-50 HP galvanized housing
- Totally enclosed, fan-cooled, electric motors (TEFC)
- Precision-balanced airfoil blade 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

AGI AIRLANCO FEATURES

- 40 - 100 HP painted steel housing with a backward incline wheel



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	12
GGL-805**	5	9,500	8,900	7,650	6,700	6,000	5,200	3,700	2,000					
GGL-807**	7.5	12,100	11,500	10,600	9,700	9,000	7,900	6,700	4,250	2,000				
GGL-810**	10	16,050	15,100	14,200	13,300	12,300	11,300	10,100	7,800	3,270				
GGL-815**	15	18,100	17,000	16,200	15,200	14,300	12,700	11,700	11,100	8,750	4,000			
GGL-8203*	20	23,700	22,800	21,800	20,600	19,600	18,600	17,200	15,800	13,210	10,550	7,510	1,950	
GGL-8253*	25	24,100	23,700	22,700	21,700	20,900	20,000	19,000	17,700	15,250	12,380	10,000	4,550	
GGL-8303*	30	28,000	26,700	25,500	24,500	23,500	22,300	21,000	20,000	18,000	16,000	14,000	10,000	
GGL-8403*	40	30,400	30,400	29,670	28,630	27,340	26,160	24,840	23,410	20,310	19,450	17,590	15,240	
GGL-8503*	50	34,100	33,300	32,250	31,200	30,200	29,100	28,000	26,800	25,600	24,500	23,200	21,700	19,700

** 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
CL-3040	40	29,680	28,170	27,140	26,150	25,100	24,000	22,790	21,310
CL-3340	40	25,190	24,180	23,430	22,700	21,980	21,210	20,420	19,580
CL-3350	50	31,470	30,220	29,280	28,360	27,470	26,500	25,520	24,470
CL-3360	60	37,800	36,300	35,160	34,070	32,990	31,830	30,650	29,390
CL-3660	60	31,380	30,370	29,660	28,890	28,150	27,410	26,610	25,790
CL-3675	75	39,190	37,930	37,040	36,080	35,150	34,290	33,230	32,200
CL-36100	100	52,280	50,600	49,420	48,140	46,900	45,670	44,340	42,960

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.

AGI FEATURES

- 3-15 HP powder coated housing
- 20-40 HP galvanized housing
- Totally enclosed, fan-cooled, electric motors (TEFC)
- Precision-balanced airfoil blade 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

AGI AIRLANCO FEATURES

- 40-100 HP painted steel housing with a backward incline wheel



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	17,310	16,860	16,230	15,540	14,860	14,100	13,740	13,290	12,820	12,280	11,710	11,130	9,970	8,140					
CH-2240	40	13,690	13,410	13,070	12,630	12,200	11,780	11,540	11,300	11,070	10,850	10,560	10,280	9,950	9,620	9,260	8,890	8,320	7,370	
CH-2250	50	17,100	16,760	16,330	15,780	15,240	14,710	14,420	14,120	13,830	13,550	13,200	12,850	12,440	12,020	11,570	11,110	10,390	9,210	
CH-2260	60	20,520	20,110	19,590	18,930	18,290	17,650	17,300	16,940	16,600	16,260	15,840	15,410	14,920	14,420	13,880	13,330	12,470	11,050	
MODEL	HP	0	5	10	15	20	22	24	26	27	28	29	30	31	32	33	36	39	42	
CH-2440	40	11,530	10,970	10,210	9,400	8,420	7,940	7,420	6,290											
CH-2450	50	14,400	13,700	12,740	11,730	10,520	9,910	9,260	7,850											
CH-2460	60	17,300	16,460	15,310	14,100	12,630	11,900	11,130	9,440											
CH-2475	75	21,640	20,580	19,140	17,630	15,800	14,890	13,910	11,800											
CH-2750	50	11,450	11,050	10,440	9,840	9,190	8,900	8,590	8,210	8,020	7,820	7,620	7,420	7,100	7,030	6,090				
CH-2760	60	13,730	13,250	12,520	11,810	11,020	10,680	10,300	9,850	9,620	9,380	9,140	8,890	8,520	7,990	7,300				
CH-2775	75	17,180	16,570	15,660	14,770	13,800	13,360	12,880	12,320	12,040	11,730	11,430	11,120	10,660	10,000	9,130				
CH-27100	100	22,880	22,070	20,860	19,670	18,370	17,790	17,160	16,410	16,030	15,630	15,220	14,820	14,010	13,310	12,150				
CH-3075	75	13,850	13,460	12,910	12,320	11,720	11,460	11,210	10,960	10,810	10,650	10,500	10,340	10,160	9,970	9,790	9,210	8,370	6,670	
CH-30100	100	18,460	17,940	17,200	16,430	15,620	15,270	14,940	14,610	14,410	14,200	14,000	13,780	13,540	13,290	13,050	12,270	11,160	8,890	

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

HIGH SPEED (3450 RPM) AIR DELIVERIES (CFM)

INCHES IN STATIC PRESSURE

MODEL	HP	0	2	4	6	8	10	12	14	16	18	20
GGF-803**	3	3,710	3,430	3,120	2,740	2,260						
GGF-805**	5	4,930	4,800	4,100	3,530	3,140	1,980					
GGF-807**	7.5	5,750	5,500	5,140	4,560	4,140	3,480	2,410				
GGF-810**	10	7,320	6,950	6,260	5,840	5,500	5,150	4,750	4,240			
GGF-8153*	15	9,280	8,920	8,450	7,950	7,380	6,630	6,050	5,200			
GGF-8203*	20	9,300	9,060	8,670	8,130	7,780	7,340	6,840	6,240	5,570	4,720	3,700
GGF-8253*	25	10,850	10,520	9,930	9,380	8,710	8,070	7,410	6,570	5,560	4,230	3,200
GGF-8303*	30	13,950	13,540	12,990	12,310	11,630	10,560	9,870	9,030	8,080	7,130	6,000
GGF-8403*	40	16,850	16,240	15,500	14,820	14,090	13,240	11,490	10,670	9,650	9,010	7,800



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	0	2	4	6	8	10	12	14
GGI-803**	3	4,100	3,690	3,020	2,130				
GGI-805**	5	5,750	5,430	4,790	4,050	1,600			
GGI-807**	7.5	6,980	6,550	5,950	5,220	4,340	1,560		
GGI-810**	10	8,020	7,750	7,220	6,550	5,850	4,960	3,640	1,000
GGI-815**	15	9,390	8,900	8,340	7,710	6,940	6,300	5,340	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 - 15 HP low speed fans
 - LP 200,000 - 2.45 million BTU
 - Natural gas 240,000 - 2.35 million BTU
 - To fit 20 HP - 40 HP low speed fans
 - LP 603,000 - 4.48 million BTU
 - Natural gas 704,000 - 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 help reduce humidity in your bin. 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 - 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 thermometer 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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