



# DARMANI GRAIN STORAGE



## (AERATION FANS)

**QUIET COMPACT EFFICIENT**

*On farm aeration is crucial for effective storage.  
Aeration Fans are the key to any successful drying and aeration system.*

### **INLINE CENTRIFUGAL**

### **FULL CENTRIFUGAL**

**(single or three phase available)**



### **AERATION FANS**

- CSA APPROVED
- THERMALLY PROTECTED
- ALUMINUM BLADES FOR BETTER BALANCING
- POWDER COATED
- WEATHER PROOF ELECTRICAL CONTROLS
- RATED #1
- 2 YEAR WARRANTY

**OPTIONS AVAILABE**  
**ADAPTERS**  
**TEMPERATURE MONITORING SYSTEMS**

LOW speed centrifugal and TURBO fans available

**DARMANI GRAIN STORAGE 1-866-665-6677**

[www.darmani.ca](http://www.darmani.ca)

**SERVING WESTERN CANADA AND NORTHERN U.S.**



# DARMANI GRAIN STORAGE



## (AERATION FAN SPECIFICATIONS)

SEE PERFORMANCE DATA AND FAN COMPARISON CHARTS

HORSEPOWER	3	5	7.5	10	15
CSA Approved	Yes	Yes	Yes	Yes	Yes
Heavy Duty Construction	Std.	Std.	Std.	Std.	Std.
Designed for long life	Std.	Std.	Std.	Std.	Std.
<b>POWDER COATED PAINTED</b>	STD.	STD.	STD.	STD.	STD.
Precision balanced	Std.	Std.	Std.	Std.	Std.
Enclosed fan cooled motor	Std.	Std.	Std.	Std.	Std.
<b>SLOW START MOTOR</b>	STD.	STD.	STD.	STD.	STD.
Weather proof controls	Std.	Std.	Std.	Std.	Std.
Adapters available	Yes	Yes	Yes	Yes	Yes
<b>ALUMINUM BLADES</b>	STD.	STD.	STD.	STD.	STD.
<b>THERMALLY PROTECTED</b>	YES	YES	YES	YES	YES
<b>2 YEAR WARRANTY</b>	STD.	STD.	STD.	STD.	STD.

### INLINE CENTRIFUGAL FANS (Single phase)

HORSEPOWER	3	5	7.5	10	15
VOLTAGE	208/230	208/230	208/230	208/230	208/230
<b>AMP MAX (running amps)</b>	<b>18</b>	<b>25</b>	<b>35</b>	<b>43</b>	<b>61</b>
TIME DELAY FUSE/BREAKER AMP	37	60	71	88	120
Diameter	18"	24"	24"	28"	28"
Shipping weight	135	160	220	325	350
Crate size	32 x 34 x 33	32 x 34 x 33	32 x 34 x 33	36x37x43	36x37x43

### FULL CENTRIFUGAL FANS (Single phase)

HORSEPOWER	3	5	7.5	10	15
VOLTAGE	208/230	208/230	208/230	208/230	N/A
<b>AMP MAX (running amps)</b>	<b>18</b>	<b>26</b>	<b>38</b>	<b>46</b>	N/A
TIME DELAY FUSE/BREAKER AMP	36	51	75	92	N/A
Diameter opening (APPROX.)	9x14	9x14	9 x14	12x17	N/A
Shipping weight (lbs)	162	207	290	347	N/A
Shipping crate size	32 x 34 x 33	32 x 34 x 33	33x34x37	36x38x43	N/A

### INLINE CENTRIFUGAL FANS (Three phase)

HORSEPOWER	7.5			10			15		
	VOLTAGE	208/230	460/480	575/600	208/230	460/480	575/600	208/230	460/480
<b>AMP MAX (running amps)</b>	<b>20.2</b>	<b>10.1</b>	<b>8.1</b>	<b>25.2</b>	<b>12.6</b>	<b>10.1</b>	<b>34.8</b>	<b>17.4</b>	<b>13.9</b>
TIME DELAY FUSE/BREAKER AMP	40.4	20.2	16.1	50.4	25.2	20.1	69.5	35.1	37.8
Diameter	24"			28"			28"		
Shipping weight (lbs)	195			260			260		
Shipping crate size	32 x 34 x 33			36x37x43			36x37x43		

### FULL CENTRIFUGAL FANS (Three phase)

HORSEPOWER	7.5			10			15		
	VOLTAGE	208/230	460/480	575/600	208/230	460/480	575/600	208/230	460/480
<b>AMP MAX (running amps)</b>	<b>20.4</b>	<b>10.0</b>	<b>8.1</b>	<b>24.4</b>	<b>12.2</b>	<b>9.77</b>	<b>NOT AVAILABLE</b>		
TIME DELAY FUSE/BREAKER AMP	44.3	22.1	17.6	53.8	26.9	15.7	N/A		
Diameter opening	8 13/32 (W) X 13 9/16 (H)			11 7/8 (W) X 17 3/32 (H)			N/A		
Shipping weight (lbs)	340			385			N/A		
Shipping crate size	32 x 34 x 33			33x34x37			36x38x43		

# AERATION FAN PERFORMANCE DATA

**DARMANI'S Fans are rated #1 in industry**



## INLINE CENTRIFUGAL AERATION FAN PERFORMANCE CHART

Static Pressure (inches)	Air flow (CFM) @3450 RPM				
	3 HP	5 HP	7.5 HP	10 HP	15 HP
4	3030	4790	6345	7410	7900
6	2260	4150	5550	6930	7350
8		3180	4425	6210	6700
10			2280	5120	5800
12				3700	4200

## FULL CENTRIFUGAL AERATION FAN PERFORMANCE CHART

Static Pressure (inches)	Air flow (CFM) @3450 RPM			
	3 HP	5 HP	7.5 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

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