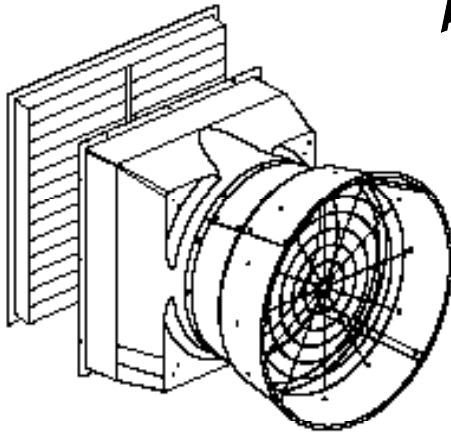


Advantage[®] Fans 36" and 48"



Advantage[®]



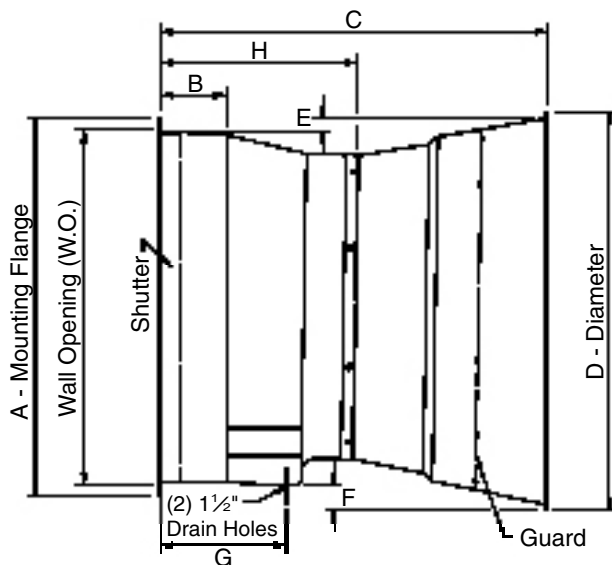
Technical Specifications

- Cast Aluminum Propeller is standard
- Coated Outlet Guard
- Fiberglass Housing and Discharge Cone
- Plastic inlet Shutter is standard
- Stainless Steel hardware and fasteners
- Belt drive models are standard with single Speed hardware and fasteners
- 36" direct drive Fan standard with variable Speed Motor
- Fan Packages shown with standard features; customized packages available, contact your Aerotech Representative or the Aerotech office

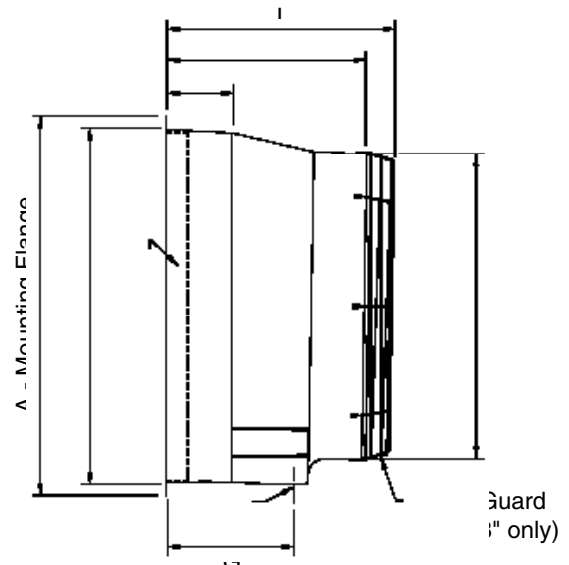
Dimensions:

Size	A	B	C	D	E Above W.O.	F below W.O.	G	H	I	J	Wall Openings (W.O.)
36"	45 $\frac{3}{4}$ "W.x 45 $\frac{3}{4}$ " H.	8"	47 $\frac{3}{8}$ "	48"	2 $\frac{1}{4}$ "	3"	15 $\frac{1}{2}$ "	24 $\frac{1}{8}$ "	27 $\frac{1}{2}$ "	36 $\frac{3}{4}$ "	43" x 43" sq.
48"	57 $\frac{3}{4}$ "W. x 57 $\frac{3}{4}$ "H.	8"	48 $\frac{3}{8}$ "	61"	2 $\frac{5}{8}$ "	3 $\frac{3}{8}$ "	15"	24 $\frac{1}{2}$ "	27 $\frac{3}{4}$ "	48 $\frac{3}{4}$ "	55" x 55" sq.

■ Advantage with Cone



■ Advantage with Outlet Guard



Technical Specifications

Technical Data: **60Hz shown (50Hz available for most fans)**

Size	Drive	Speed	HP	Phase	Voltage	SF	SF Amps	Prop. RPM	Sound (dBA)
36"	Direct	SS or VR	1/2	1	230/115	1.0	3.3/6.6	850	76
36"	Direct	SS	1/2	3	460/230	1.0	1.3/2.6	825	76
36"	Belt	SS	1/2	1	230/115	1.3	3.0/6.0	770	76
36"	Belt	SS or FQ	1/2	3	460/200-230	1.3	1.0/2.1-2.0	770	76
48"	Belt	SS	3/4	1	208-230/115	1.4	4.1-3.7/7.7-7.4	515	73
48"	Belt	SS	1	1	208-230/115	1.4	6.6-6.0/11.9	570/73	73
48"	Belt	SS or FQ	1	3	460/200-230	1.3	2.0/4.2-4.0	570	73
48"	Belt	SS	1-1/2	1	230/115	1.0	8.5/17.0	625	75
48"	Belt	SS or FQ	1-1/2	3	460/200-230	1.15	2.4/4.8-4.7	625	75

Abbreviations:

SS = Single Speed

VR = Variable Speed

FQ = Frequency Drive Control

SF = Service Factor

SF Amps = Service Factor Amps

Performance Data: **Fan complete with Discharge Cone, Guard and Inlet Shutter**

Catalog No.	Max. BHP	0.0" SP		0.05" SP		0.10" SP		0.125" SP		0.15" SP		0.20" SP	
		CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt
AT36ZC	0.60	12,620	21.0	11,870	18.7	10,920	16.6	10,430	15.7	9,950	14.7	8,530	12.2
AT365ZC	0.67	12,570	21.4	11,800	19.4	10,880	17.1	10,380	16.2	9,890	15.2	8,020	12.4
AT487ZC	0.94	21,600	27.5	20,400	24.7	18,700	22.1	17,400	20.3	16,100	18.5	11,750	13.0
AT481ZC	1.26	25,000	24.1	23,500	21.7	22,000	19.6	21,100	18.6	20,200	17.5	17,900	15.2
AT4815ZC	1.69	27,500	18.8	26,100	17.2	24,800	15.9	24,050	15.2	23,300	14.5	21,600	13.2

Fan complete with Outlet Guard and Inlet Shutter

Catalog No.	Max. BHP	0.0" SP		0.05" SP		0.10" SP		0.125" SP		0.15" SP		0.20" SP	
		CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt	CFM	CFM Watt
AT36ZG	0.57	10,800	17.4	10,100	16.1	9,250	14.5	8,850	13.8	8,400	13.0	7,550	11.5
AT365ZG	0.74	11,700	18.5	10,800	16.4	9,950	15.0	9,500	14.2	9,000	13.2	8,050	11.4
AT487ZG	0.98	19,000	22.4	18,000	20.6	16,500	18.6	15,400	17.4	14,200	15.9	11,900	13.2
AT481ZG	1.0	22,000	19.6	20,800	18.1	19,400	16.5	18,600	15.8	17,800	15.0	16,200	13.5
AT4815ZG	1.64	23,900	15.7	22,900	14.8	21,500	13.6	20,900	13.2	20,300	12.8	19,100	12.0

NOTE:

1. Performance is shown for installation type A: Free inlet, Free outlet.

2. Speed (RPM) shown is nominal. Performance is based on actual test speed.

3. Performance ratings include the effects of a discharge cone, guard and inlet shutter in the airstream.

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Munters Corporation

4215 Legion Drive Mason, MI 48854-1036 USA

Toll-free: 800-227-2376 Local: 517-676-7070 Fax: 517-676-7078

Email: aerotech@munters.com Web: www.munters.us/aerotech

