

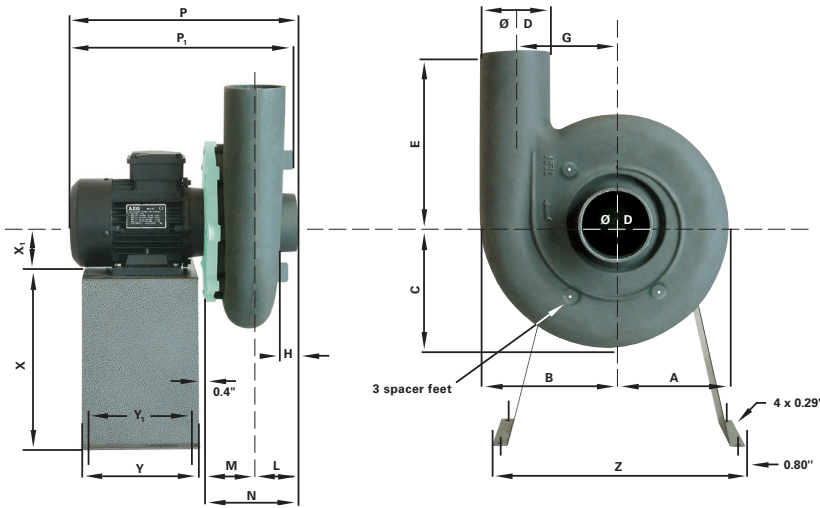


# Performance & Dimensions

## Storm 10

Standard Gray Polypropylene Housing Assembly and Black Carbon Fiber Impregnated Polypropylene Housing Assembly for Explosion-Proof Series

### Dimensional Data (All dimensions in inches)

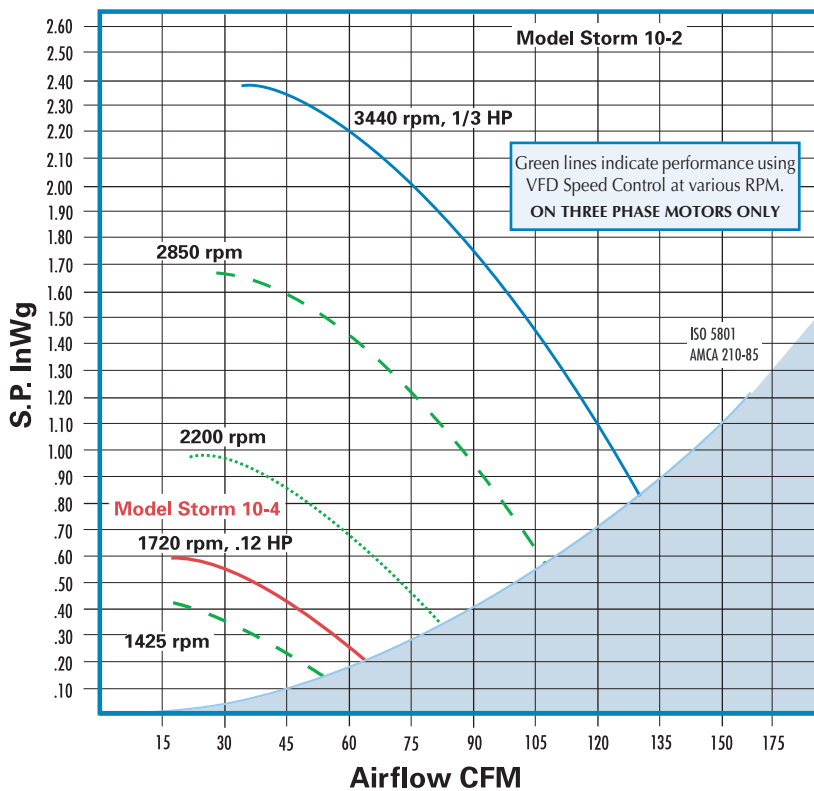


A	4.53	G	3.82	Y	7.09
B	5.31	H	1.26	Y <sub>1</sub>	6.30
C	5.00	L	1.90	Z	13.39
D	2.95	M	2.24	X	9.45
E	6.22	N	4.14		

P <sub>1</sub>	P	X <sub>1</sub>	Motor Type
10.73	11.88	2.30	Single Phase .12 HP 4 Pole
13.75	14.90	3.16	Single Phase .33 HP 2 Pole
18.00	19.15	3.43	Single Phase .50 HP 2 Pole/4 Pole Explosion-Proof

Wheel diameter: 5.80"

Metal stand does not come standard with fan (see accessories). Motor frame sizes may vary upon type of motor used.



n (T/min) R.P.M.	dB (A)	dB
1435	52,3	61,6
1720	57,1	67,4
2870	69,7	80,8
3440	74,1	85,2

ISO 13347



Housing and motor noise level when fan is running near maximum output

n (T/min) R.P.M.	Global dB	Global dB (A)
1435	62,9	51,6
1720	68,1	56,5
2870	81,1	69,6
3440	85,5	74,4

For **Weather Protection** see optional accessory "Weather Hood/WH3 Pedestal" pictured at right.

Also available with optional WH5 Aluminum Weatherhood. (See Accessories)



### Rotation and Discharge for Centrifugal Fans

STANDARD POSITION

OPTIONAL FIELD ADJUSTABLE POSITIONS



Counter-Clockwise  
Up Blast  
CCW 360



Counter-Clockwise  
Top Angular  
Up Blast  
CCW 45



Counter-Clockwise  
Top Horizontal  
CCW 90



Counter-Clockwise  
Top Angular  
Down Blast  
CCW 135



Counter-Clockwise  
Down-Blast  
CCW 180



Counter-Clockwise  
Bottom Angular  
Down Blast  
CCW 225



Counter-Clockwise  
Bottom  
Horizontal  
CCW 270



Counter-Clockwise  
Bottom Angular  
Up Blast  
CCW 315

#### Notes:

- (1) Direction of rotation is determined from the drive side of fan. **Standard position is up-blast CCW 360.**
- (2) On single inlet fans, drive side is always considered as the side opposite fan inlet.
- (3) CW not available for STORM 10.

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