

# TEC WHEEL

## PERFORMANCE DATA & DIMENSIONS

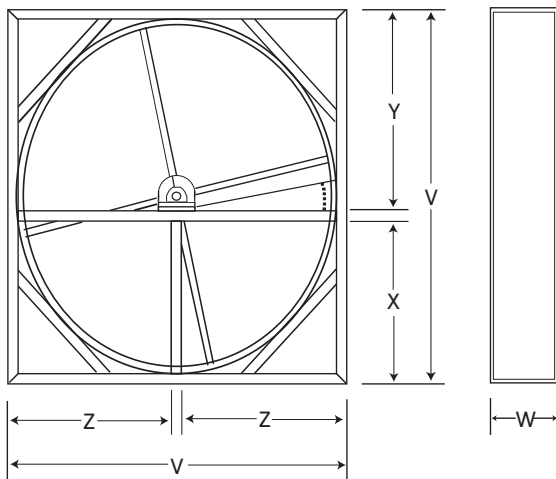


### PERFORMANCE DATA FOR TEC WHEELS

Velocity fpm	Efficiency %	Press. Drop in.wg	Air Flow Rate (in cfm)	Wheel Size											
				3	5	9	13	18	24	28	35	43	46	56	70
300	83.80	0.24	840	1,590	2,580	3,930	5,430	7,140	8,490	10,560	12,870	13,920	16,800	21,120	
400	81.22	0.33	1,120	2,120	3,440	5,240	7,240	9,520	11,320	14,080	17,160	18,560	22,400	28,160	
500	78.64	0.42	1,400	2,650	4,300	6,550	9,050	11,900	14,150	17,600	21,450	23,200	28,000	35,200	
600	76.05	0.52	1,680	3,180	5,160	7,860	10,860	14,280	16,980	21,120	25,740	27,840	33,600	42,240	
700	73.47	0.62	1,960	3,710	6,020	9,170	12,670	16,660	19,810	24,640	30,030	32,480	39,200	49,280	
800	70.89	0.73	2,240	4,420	6,880	10,480	14,480	19,040	22,640	28,160	34,320	37,120	44,800	56,320	
900	68.31	0.84	2,520	4,770	7,740	11,790	16,290	21,420	25,470	31,680	38,610	41,760	50,400	63,360	
1000	65.73	0.96	2,800	5,300	8,600	13,100	18,100	23,800	28,300	35,200	42,900	46,400	56,000	70,400	
1100	63.15	1.09	3,080	5,830	9,460	14,410	19,910	26,180	31,130	38,720	47,190	51,040	61,600	77,440	

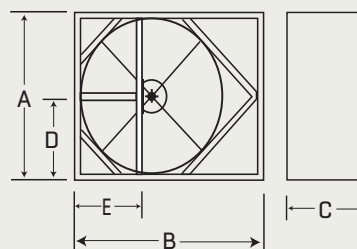
### TEC WHEEL UNIT DIMENSIONS

#### SIZE 13-70

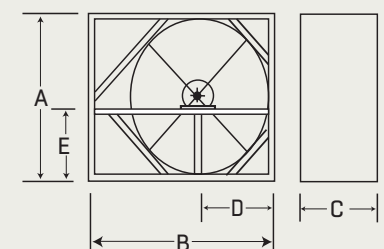


#### SIZES 3, 5, 9

Mounting Arrangements A, B



Mounting Arrangements C, D, E, and F



Wheel Size	Dimensions (inches)					Net Wt. (lbs.)	Flow area / side, ft <sup>2</sup>	Nominal cfm
	A	B	C	D	E			
3	39.8	48.8	17.25	19.2	18.4	330	2.8	2,000
5	51.8	58.2	17.25	25.2	24.4	450	5.3	4,000
9	63.8	70.2	17.25	31.2	30.4	600	8.6	7,000

Wheel Size	Dimensions (inches)					Net Wt. (lbs.)	Flow area / side, ft <sup>2</sup>	Nominal cfm
	V	W	X	Y	Z			
13	75.8	18.25	33.8	40.0	36.9	940	13.1	10,500
18	87.8	18.25	39.8	46.0	42.9	1140	18.1	15,500
24	99.8	18.25	45.8	52.0	48.9	1420	23.8	19,000
28	111.8	20.25	49.8	59.0	54.4	2370	28.3	22,500
35	123.8	20.25	55.8	65.0	60.4	2685	35.2	28,000
43	135.8	20.25	61.8	71.0	66.4	3025	42.9	34,000
46	141.0	20.25	64.4	73.6	69.0	3180	46.2	37,000
56	154.0	20.25	70.9	80.1	75.5	3580	56.0	45,000
70	171.5	20.25	79.6	88.9	84.3	4140	70.4	56,000