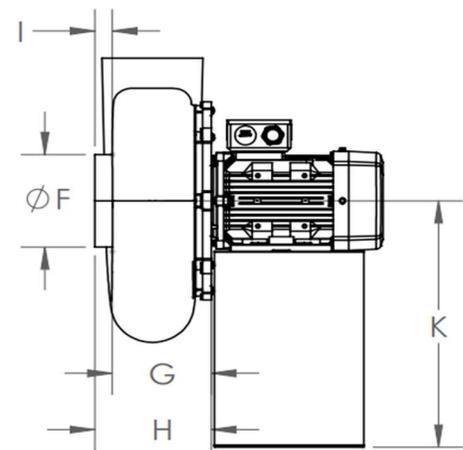
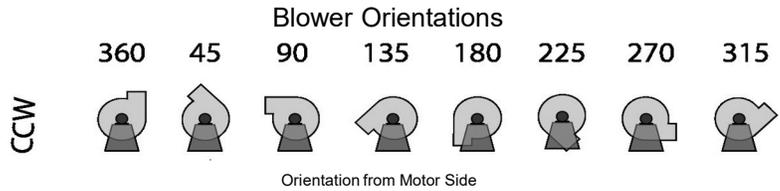
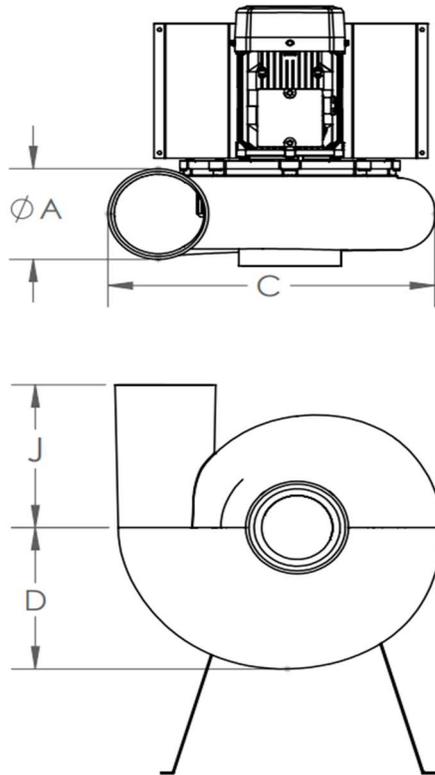




# STORM 12



Blower shown with Optional Motor Support Stand

### Mechanical Data

	ØA (OD)	C	D	ØF (OD)	G	H	I	J
in	3.54	12.58	6.41	3.54	3.97	5.54	1.57	8.33
mm	90	320	163	90	101	141	40	212

### Motor Height (K)

	0.33 Hp	0.50 Hp
in	12.19	12.19
mm	310	310

<b>Project Name</b>	
<b>Date</b>	
<b>Engineer/Sales Rep</b>	
<b>Client</b>	
<b>Contractor</b>	

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# STORM 12

## Model Numbers

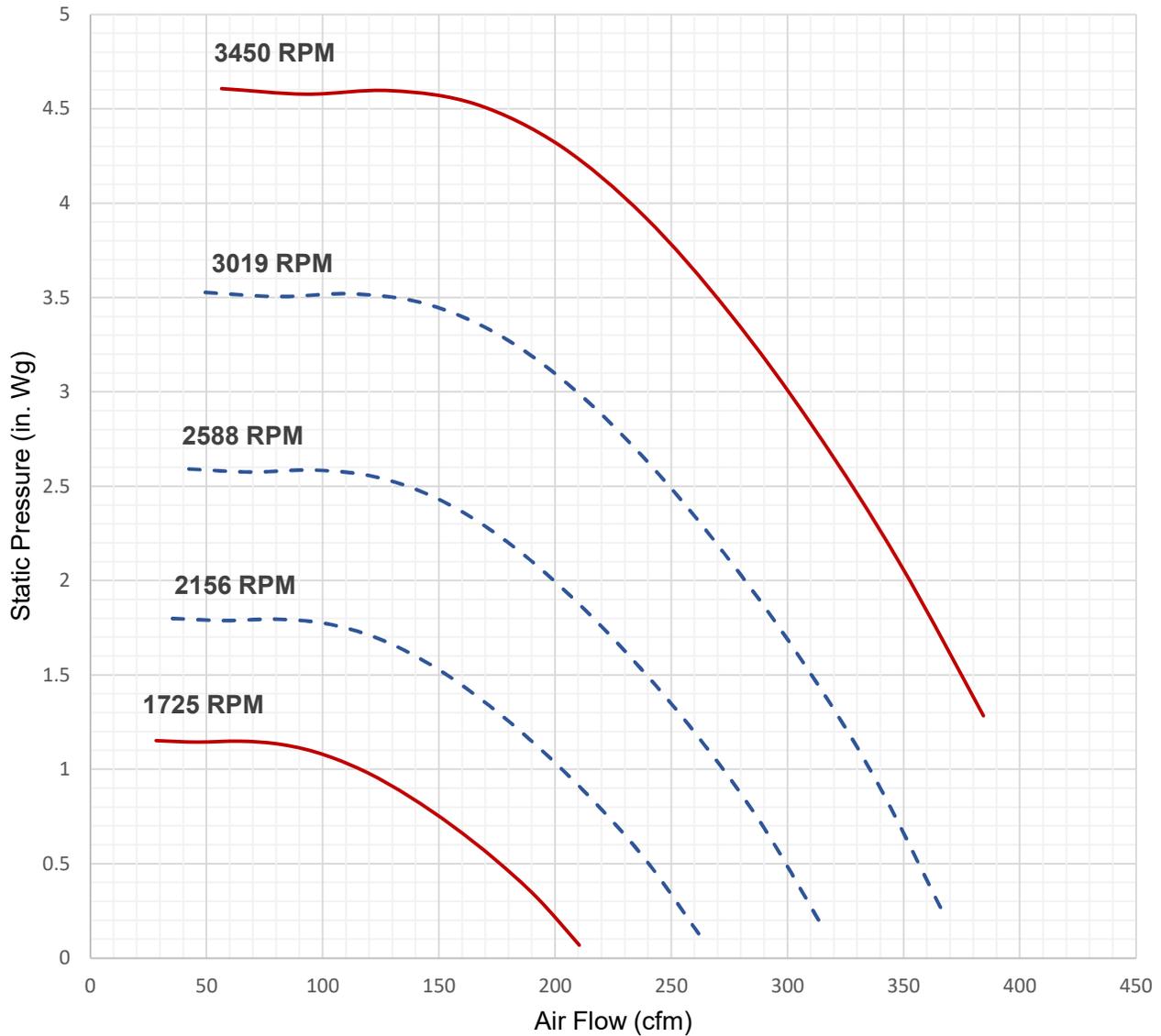
Model Number	Max. Flow (cfm)	Min. Flow (cfm)	Max. Static (in. Wg)	Min. Static (in. Wg)	Phase	Power (hp)	RPM	Voltage (V)	FLA	Weight (lb)
S12CT2P050	400	20	4.86	0.07	Three Phase	0.5	3380	575	0.68	15.1
S12CT4P033	200	20	1.21	0.07	Three Phase	0.33	1700	575	0.53	14.5
S12SS4P033	200	20	1.21	0.07	Single Phase	0.33	1720	115/208-230	3.49/1.88-1.74	16.1
S12SS2P050	400	20	4.86	0.07	Single Phase	0.5	3370	115/208-230	4.50/2.59-2.25	15.7
S12ST4P033	200	20	1.21	0.07	Three Phase	0.33	1715	208-230/460	1.43-1.39/0.70	14.5
S12ST2P050	400	20	4.86	0.07	Three Phase	0.5	3470	208-230/460	1.68-1.57/0.78	15.1

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## Performance Curve



— Standard RPM      - - - Frequency Variation

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## Acoustic Data

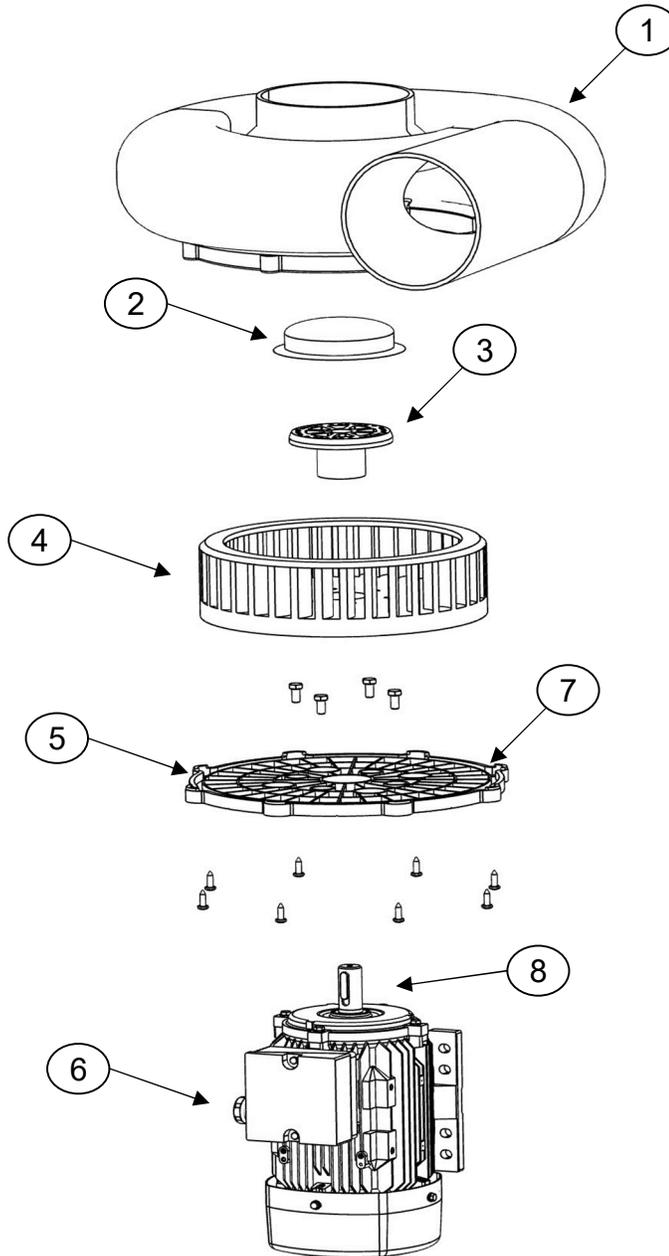
		Qv	Ps	Octave Band (Hz)								Lw	Lw(A)	Lp(A)
		(cfm)	(inwg)	63	125	250	500	1000	2000	4000	8000	dB	dB(A)	dB(A)
3450 RPM	Inlet 1	351	1.84	66.2	63.2	74.9	75.9	76.5	71.1	67.7	61.8	87.9	86.0	83.9
	Inlet 2	245	3.78	70.3	63.0	71.2	75.7	74.2	68.2	64.5	57.7	86.8	84.0	81.9
	Inlet 3	173	4.50	69.7	65.5	70	72.9	72.4	66.4	63.3	56.3	87.3	82.2	80.2
	Inlet 4	68	4.61	72.8	66.7	71.1	69.8	70.4	64.9	62.6	54.8	90	80.4	78.4
	Outlet 1	351	1.84	88.9	73.4	74.6	74.3	79.5	75.4	71.3	64.1	100	89.2	87.1
	Outlet 2	245	3.78	93.7	74.1	73.5	72.9	76.7	72.7	68.1	60.5	104	87.6	85.5
	Outlet 3	173	4.50	94.5	77.2	73.8	71.5	74.8	71.1	66.0	58.5	104	86.5	84.5
	Outlet 4	68	4.61	93.3	77.5	73.3	68.8	72.4	69.8	64.5	56.7	102	84.6	82.6
1725 RPM	Inlet 1	175	0.46	51.1	48.1	59.9	60.9	61.4	56.1	52.6	46.7	72.8	70.9	68.9
	Inlet 2	122	0.94	55.2	47.9	56.2	60.6	59.1	53.2	49.5	42.7	71.8	68.9	66.8
	Inlet 3	87	1.13	54.7	50.4	55	57.8	57.4	51.3	48.3	41.3	72.3	67.2	65.1
	Inlet 4	34	1.15	57.7	51.6	56.1	54.8	55.3	49.9	47.6	39.8	74.9	65.4	63.3
	Outlet 1	175	0.46	73.8	58.3	59.5	59.3	64.4	60.3	56.3	49	85.4	74.1	72.1
	Outlet 2	122	0.94	78.6	59.1	58.4	57.8	61.6	57.6	53.0	45.4	88.9	72.5	70.5
	Outlet 3	87	1.13	79.5	62.1	58.7	56.5	59.8	56.0	50.9	43.4	89.2	71.5	69.4
	Outlet 4	34	1.15	78.3	62.5	58.3	53.8	57.3	54.8	49.4	41.7	87.3	69.6	67.5

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## Expanded View



1	Housing
2	Hub Cap
3	Hub
4	Impeller
5	Motor Plate
6	Motor
7	Motor Plate Seal
8	Shaft Key

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