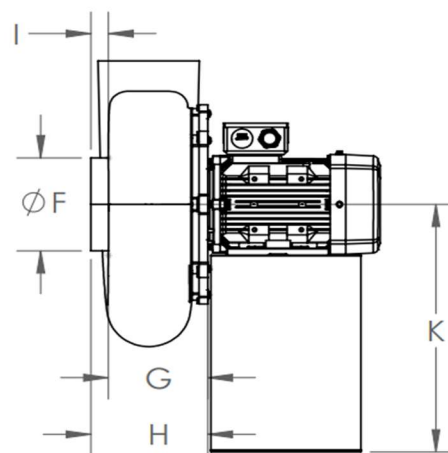
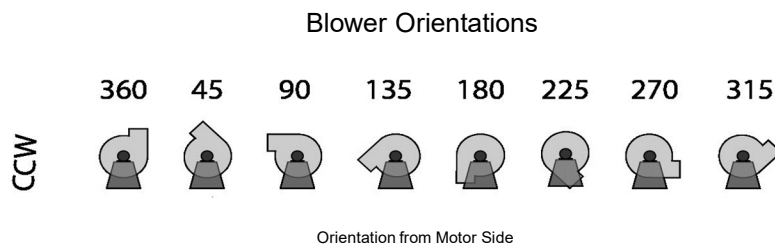
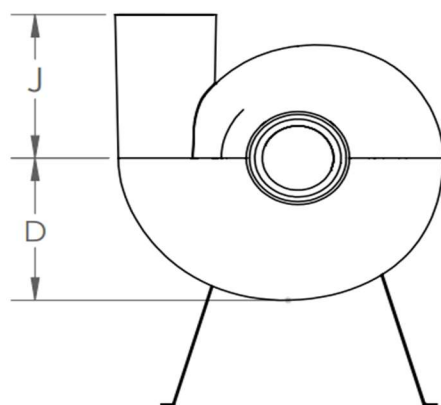
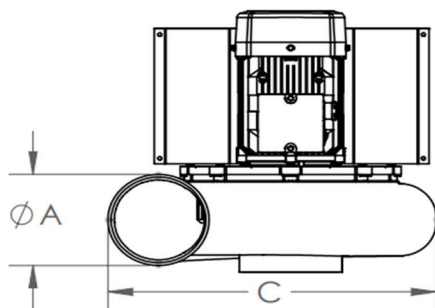




STORM 14

Explosion Resistant



Mechanical Data								
	ØA (OD)	C	D	ØF (OD)	G	H	I	J
in	4.91	16.51	8.92	4.91	5.2	6.96	1.77	8.57
mm	125	420	227	125	132	177	45	218

Motor Height (K)		
	0.50 Hp	1.5 Hp
in	14.61	14.61
mm	371	371

Project Name	
Date	
Engineer/Sales Rep	
Client	
Contractor	

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Explosion Resistant

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	Blower Weight (lbs)
S14XS4P050	400	35	2	0.1	Single Phase	0.5	1720	115/208-230	5.9/2.9	30.206
S14XT4P050	400	35	2	0.1	Three Phase	0.5	1720	208-230/460	1.64/0.89	32.406
S14XS2P150	800	35	8	0.1	Single Phase	1.5	3510	115/208-230	13.1/8.75	36.806
S14XT2P150	800	35	8	0.1	Three Phase	1.5	3510	208-230/460	3.9/2.02	33.506
S14CX2P150	800	35	8	0.1	Three Phase	1.5	3510	575	1.64	29.326

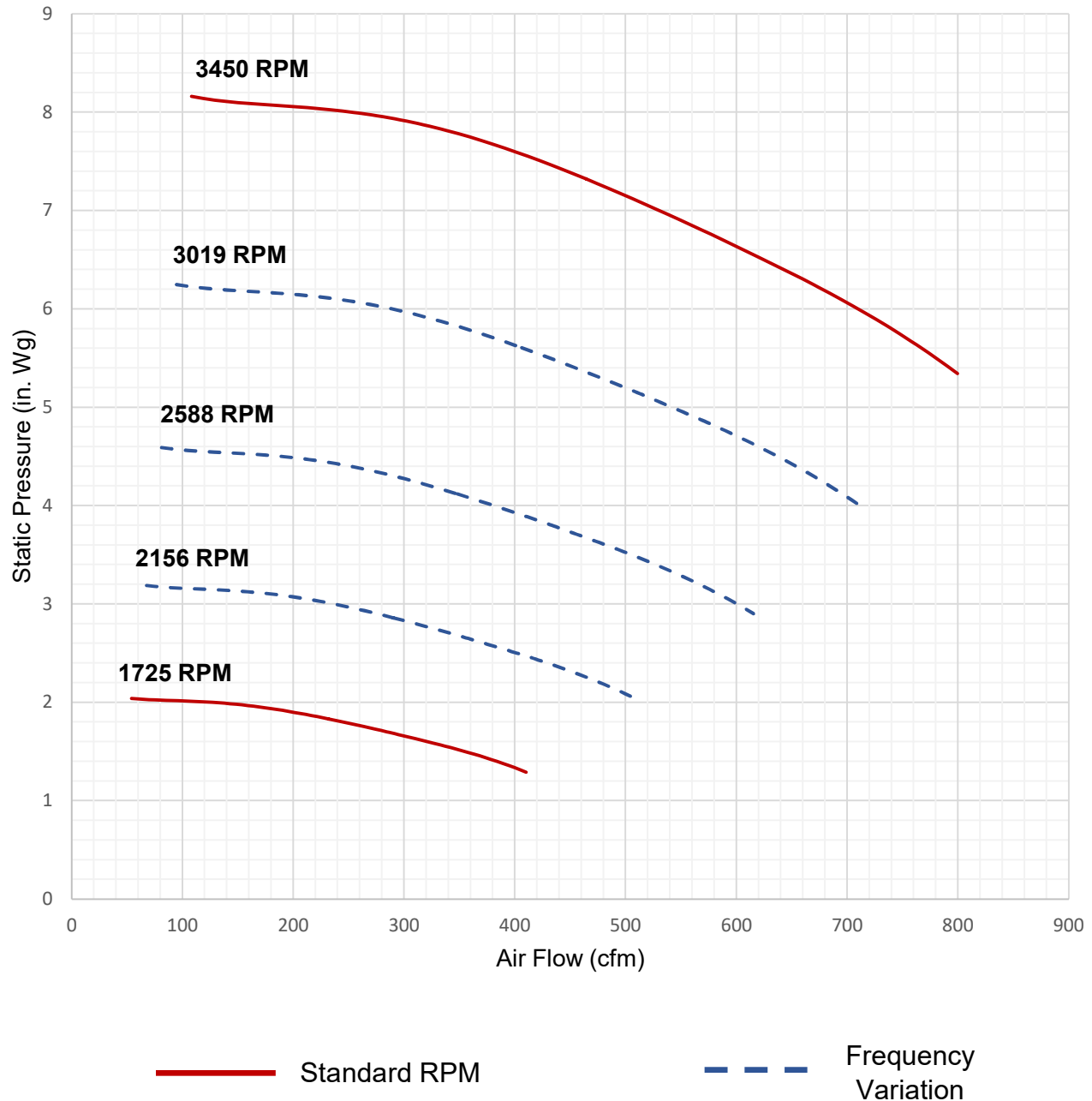
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Performance Curve



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Explosion Resistant

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	551	6.69	80.0	69.2	79.1	77.9	82.0	76.0	82.4	67.1	93.1	90.1	88.1
	Inlet 2	743	5.55	80.5	65.8	78.1	79.9	83.0	76.8	83.8	68.9	93.5	91.4	89.4
	Inlet 3	412	7.31	88.4	85.1	88.6	83.2	84.7	79.6	73.5	67.0	99.4	92.3	90.3
	Inlet 4	551	6.69	84.5	85.6	91.5	85.0	85.6	80.1	75.3	68.7	99.0	93.8	91.8
	Outlet 1	743	5.55	81.3	83.2	92.5	87.2	86.7	81.8	77.1	70.6	99.3	95.4	93.3
	Outlet 2	274	7.91	88.9	81.6	86.2	81.9	83.3	79.5	72.5	65.7	98.8	91.3	89.2
	Outlet 3	412	7.31	85.2	66.9	74.9	75.9	80.7	74.5	76.2	64.1	93.8	88.4	86.4
	Outlet 4	274	7.91	82.5	65.3	73.9	74.4	79.3	73.1	74.7	62.5	93.7	87.6	85.6
1725 RPM	Inlet 1	275	1.67	69.4	70.5	76.5	70.0	70.6	65.1	60.2	53.7	83.9	78.8	76.7
	Inlet 2	372	1.39	66.2	68.1	77.4	72.1	71.7	66.7	62.0	55.6	84.2	80.3	78.3
	Inlet 3	137	1.98	73.9	66.5	71.2	66.9	68.2	64.4	57.5	50.6	83.8	76.2	74.2
	Inlet 4	275	1.67	64.9	54.1	64.0	62.8	66.9	61.0	67.4	52.0	78.0	75.1	73.0
	Outlet 1	372	1.39	65.4	50.7	63.0	64.8	67.9	61.7	68.7	53.8	78.4	76.4	74.3
	Outlet 2	137	1.98	67.4	50.2	58.8	59.3	64.3	58.0	59.6	47.5	78.6	72.6	70.5
	Outlet 3	206	1.83	73.4	70.0	73.5	68.1	69.6	64.5	58.4	51.9	84.3	77.3	75.2
	Outlet 4	206	1.83	70.1	51.8	59.8	60.9	65.6	59.4	61.1	49.1	78.8	73.4	71.3

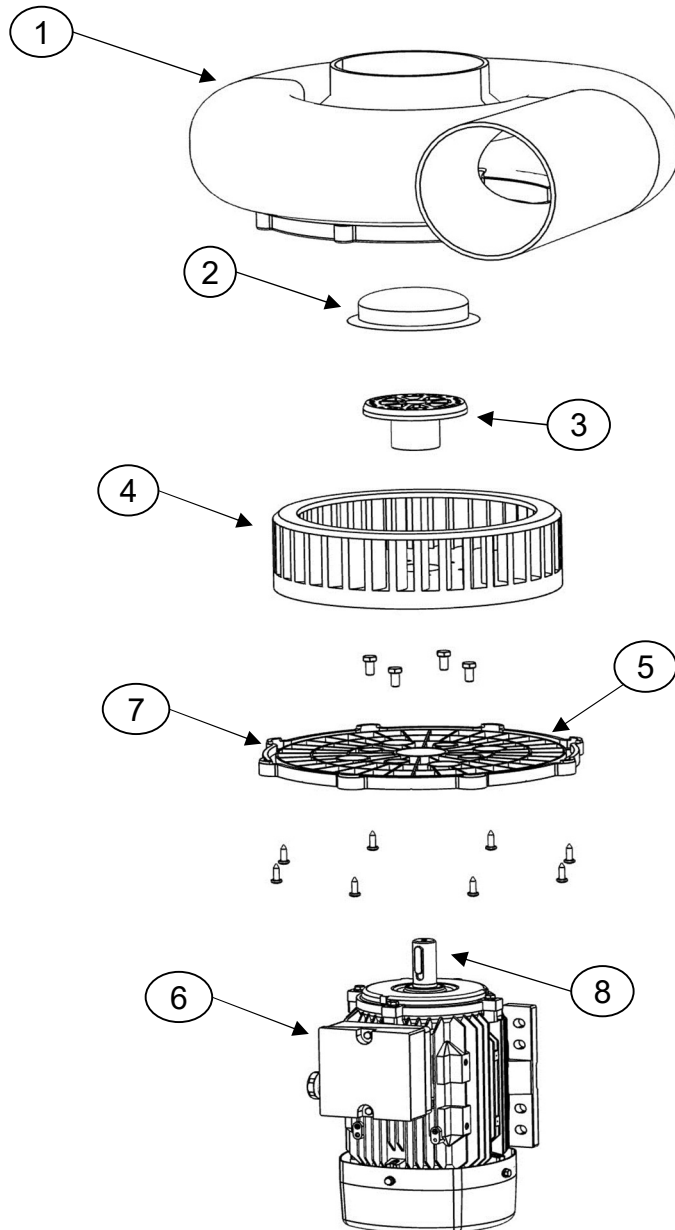
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Expanded View



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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