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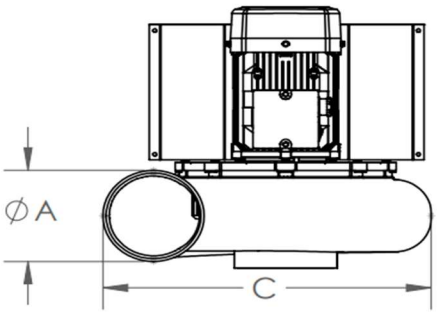
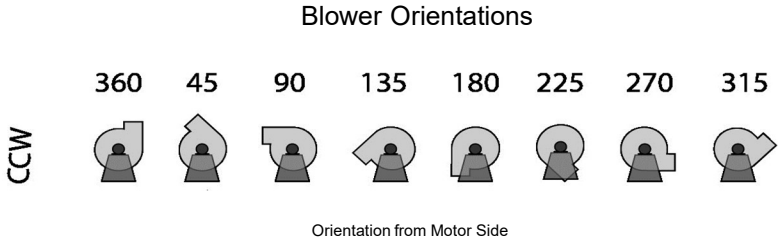
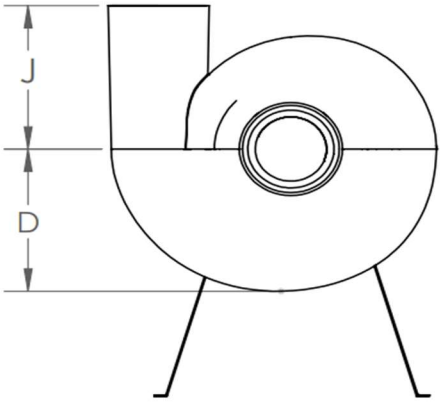
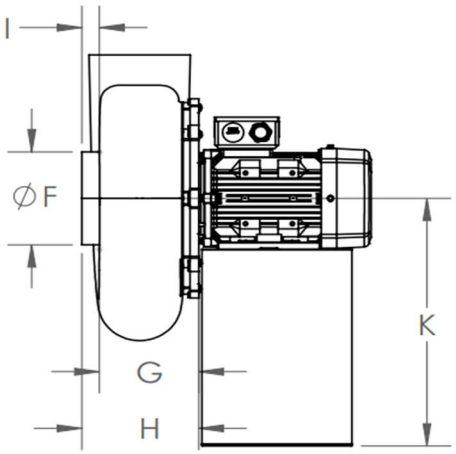
Standard









	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	14.96
mm	371	380

Project Name	
Date	
Engineer/Sales Rep	
Client	
Contractor	

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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)
S14SS4P050*	400	35~	2	0.1	Single Phase	0.5	1710	115/208-230	5.26/2.73-2.63	21.186
S14ST4P050*	400	35~	2	0.1	Three Phase	0.5	1705	208-230/460	1.90-1.78/0.89	19.118
S14CT4P050*	400	35~	2	0.1	Three Phase	0.5	1700	575	0.73	19.118
S14SS2P150*	800	35~	8	0.1	Single Phase	1.5	3435	115/208-230	12.50/7.24-6.24	30.206
S14ST2P150	800	108	8	0.1	Three Phase	1.5	3510	208-230/460	4.44-4.26/2.13	29.326
S14CT2P150*	800	35~	8	0.1	Three Phase	1.5	3510	575	1.64	29.326

*Available by special order; contact us for a quote.

~Actual min. flow data may vary.

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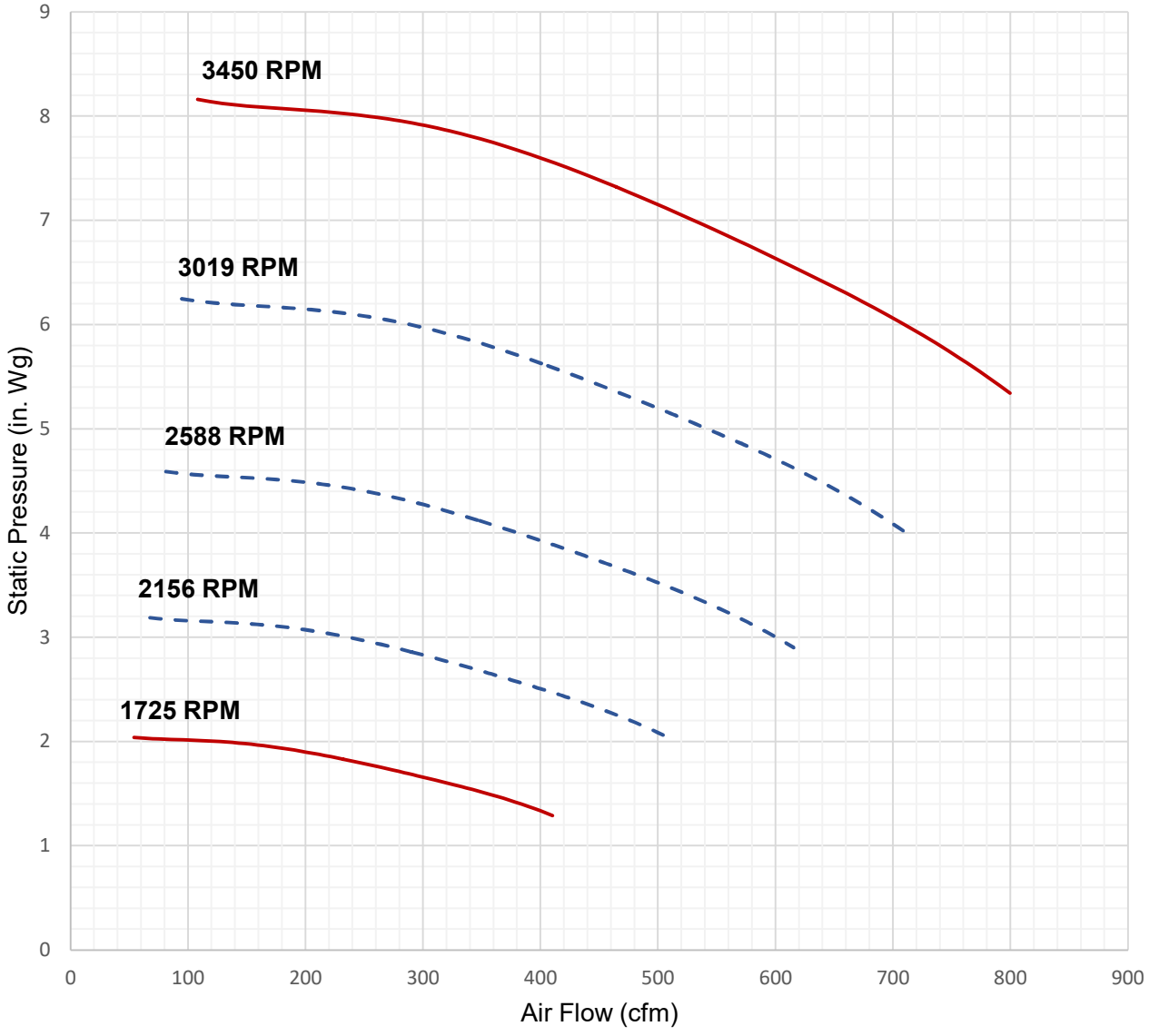
Performance Curve



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	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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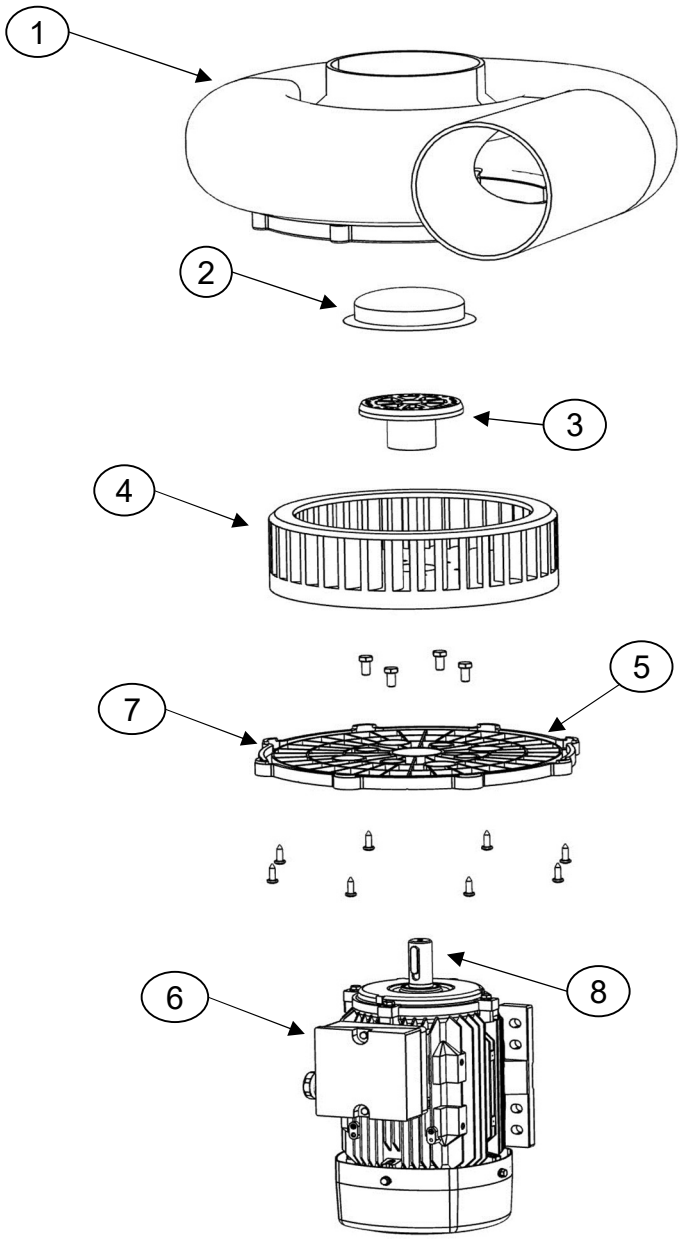
Expanded View



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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