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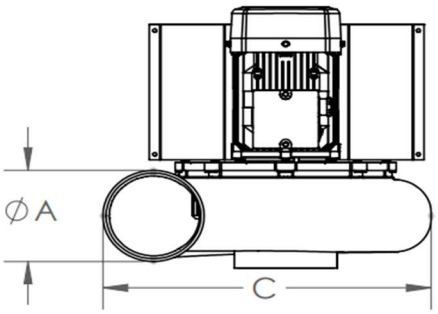

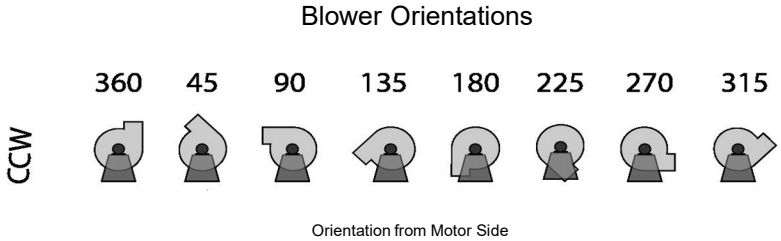

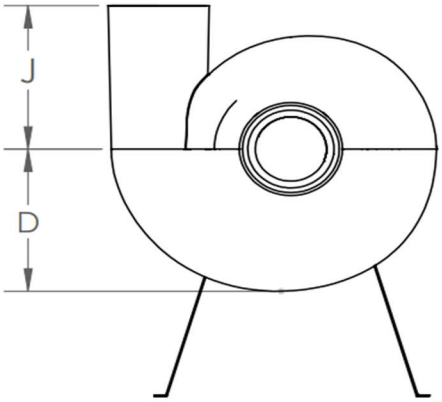

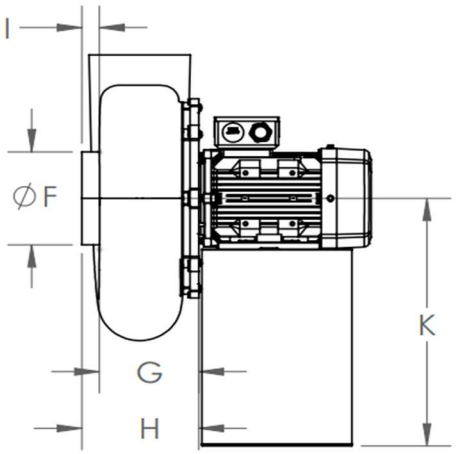

	Mechanical Data							
	ØA (OD)	**C**	**D**	**ØF (OD)**	**G**	**H**	**I**	**J**
in	6.29	20.55	10.93	6.29	6.3	7.35	1.06	10.30
mm	160	523	278	160	160	187	27	262

	Motor Height (K)
	3 Hp
in	17.36
mm	441

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)
S16ST2P300	1340	180	12	0.1	Three Phase	3	3490	208-230/460	7.86-7.26/3.63	43.12
S16CT2P300*	1340	50~	12	0.1	Three Phase	3	3490	575	2.94	43.12

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

~Actual min. flow data may vary.

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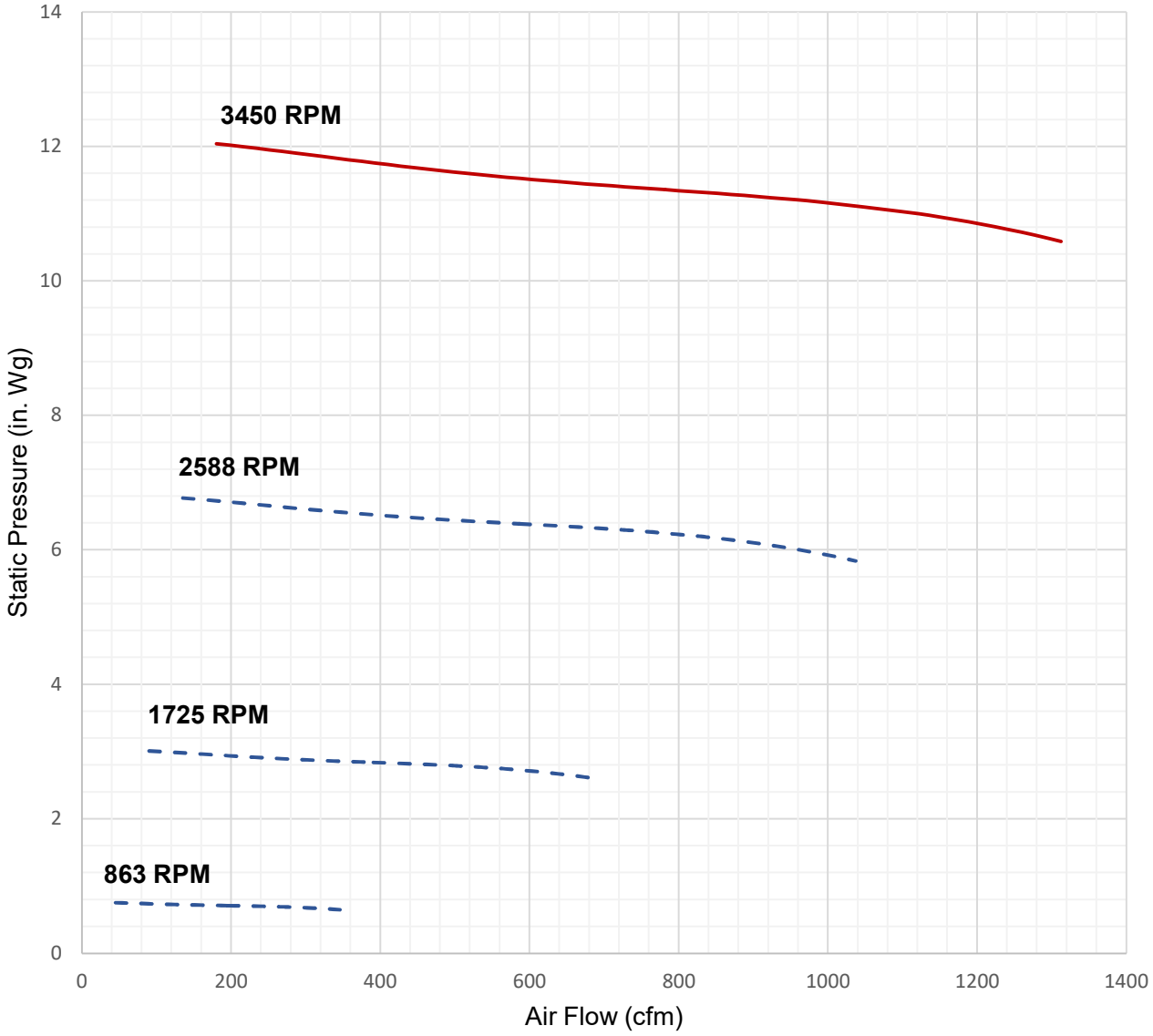
Performance Curve



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	604	11.40	91.2	86.9	91.1	87.9	88.6	88.4	83.1	79.9	101.1	98.5	96.4
	Inlet 2	604	11.40	88.8	75.0	81.3	84.2	84.5	84.4	79.8	76.7	97.1	94.5	92.5
	Inlet 3	1262	10.46	88.7	89.4	96.0	90.4	89.6	89.3	84.7	80.8	103.3	100.0	98.0
	Inlet 4	1074	10.85	88.9	88.8	96.5	89.6	89.2	89.0	83.9	80.6	103.5	99.6	97.6
	Outlet 1	343	11.83	90.9	73.7	79.3	84.0	83.9	83.8	79.4	76.2	97.3	94.2	92.2
	Outlet 2	343	11.83	93.4	84.1	88.3	87.2	88.0	88.0	83.0	79.8	100.4	98.0	95.9
	Outlet 3	1074	10.85	86.8	75.3	85.8	85.2	85.2	85.5	80.3	77.2	98.0	95.5	93.4
	Outlet 4	1262	10.46	85.8	75.4	86.0	85.4	85.3	85.8	80.6	77.2	98.0	95.7	93.7

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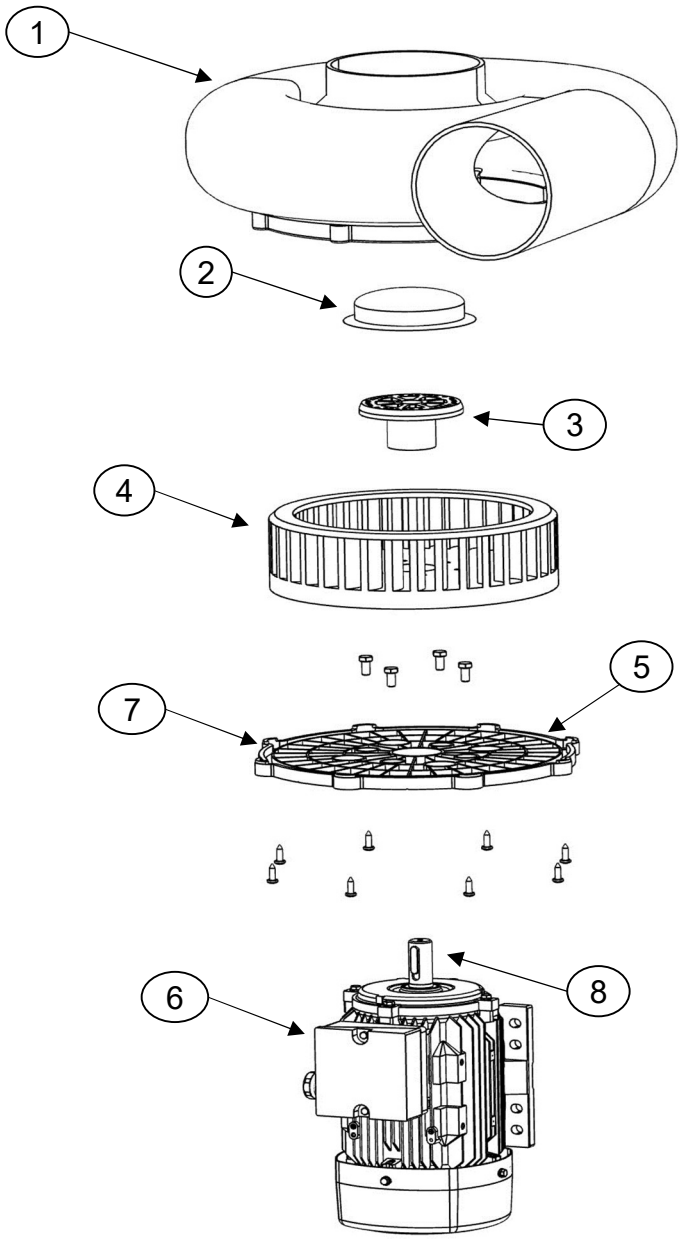
Expanded View



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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