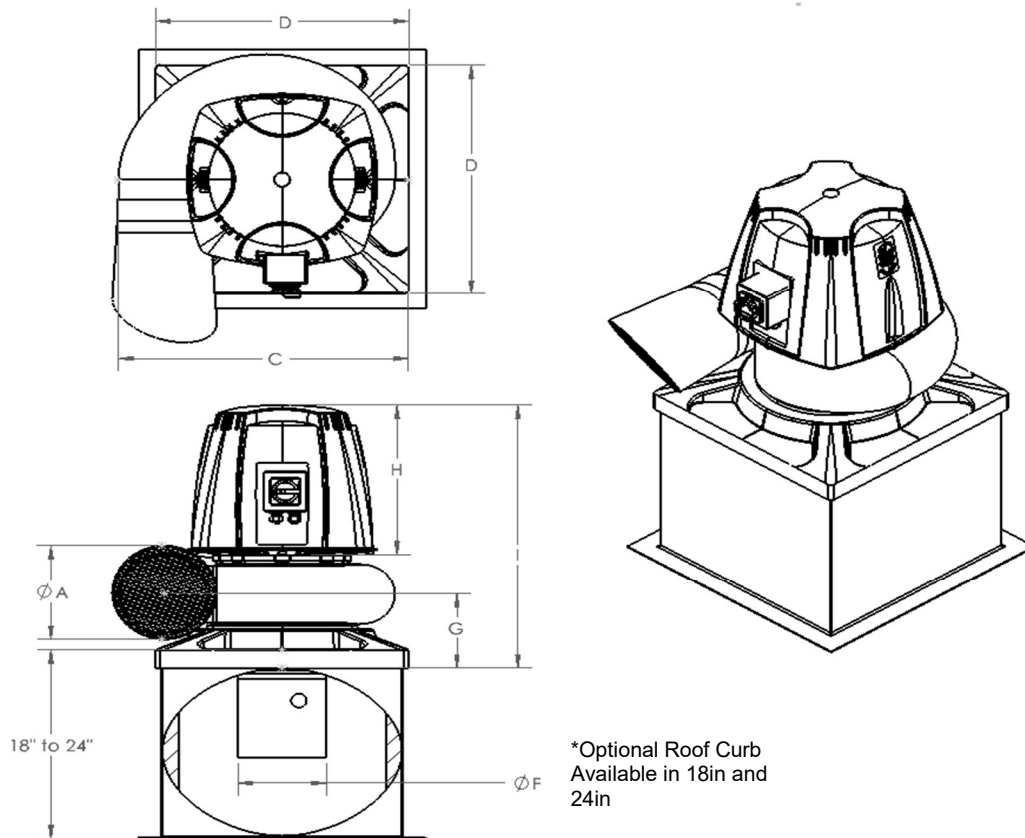




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*Optional Roof Curb
Available in 18in and
24in

Mechanical Data

	$\varnothing A$ (OD)	C	D	$\varnothing F$ (OD)	G	H	I
in	14.66	36.67	28.49	12.38	8.8	20.40	36.55
mm	373	933	725	315	223	519	930

Project Name	
Date	
Engineer/Sales Rep	
Client	
Contractor	

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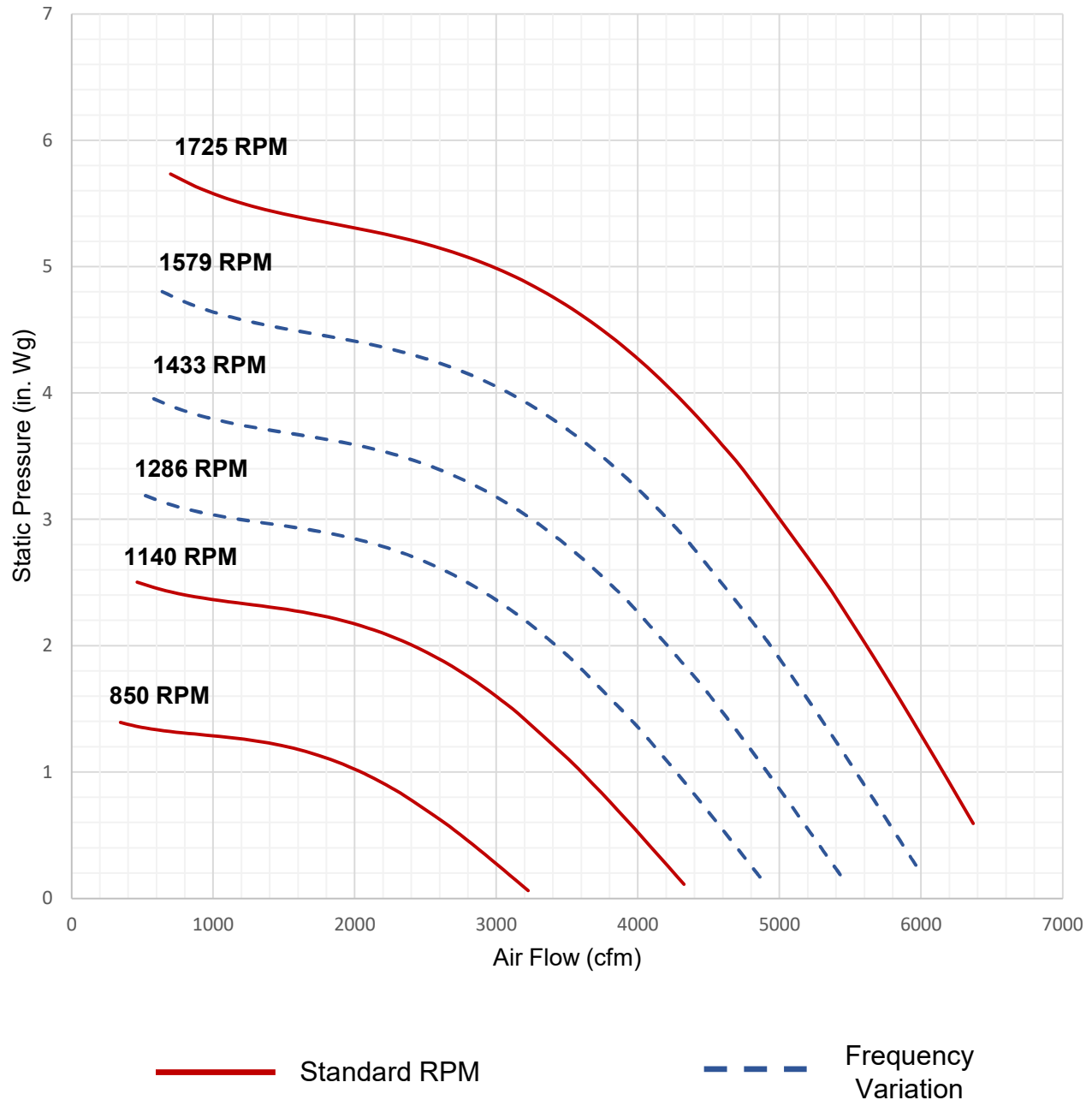
Model Numbers

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)
R35ST8P200	3730	500	1.4	0.4	Three Phase	2	870	208-230/460	7.59-7.23/3.61	157.30
R35ST6P300	5000	500	2.4	0.4	Three Phase	3	1175	208-230/460	9.16-8.94/4.47	174.24
R35ST4P750	6400	500	5.45	0.4	Three Phase	7.5	1765	208-230/460	19.2-17.7/8.86	210.54
R35ST4P1000	6400	500	5.45	0.4	Three Phase	10	1760	208-230/460	26.3-23.9/12.00	217.36
R35CT4P1000	6400	500	5.45	0.4	Three Phase	10	1760	575	9.55	217.36

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Performance Curve



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Acoustic Data

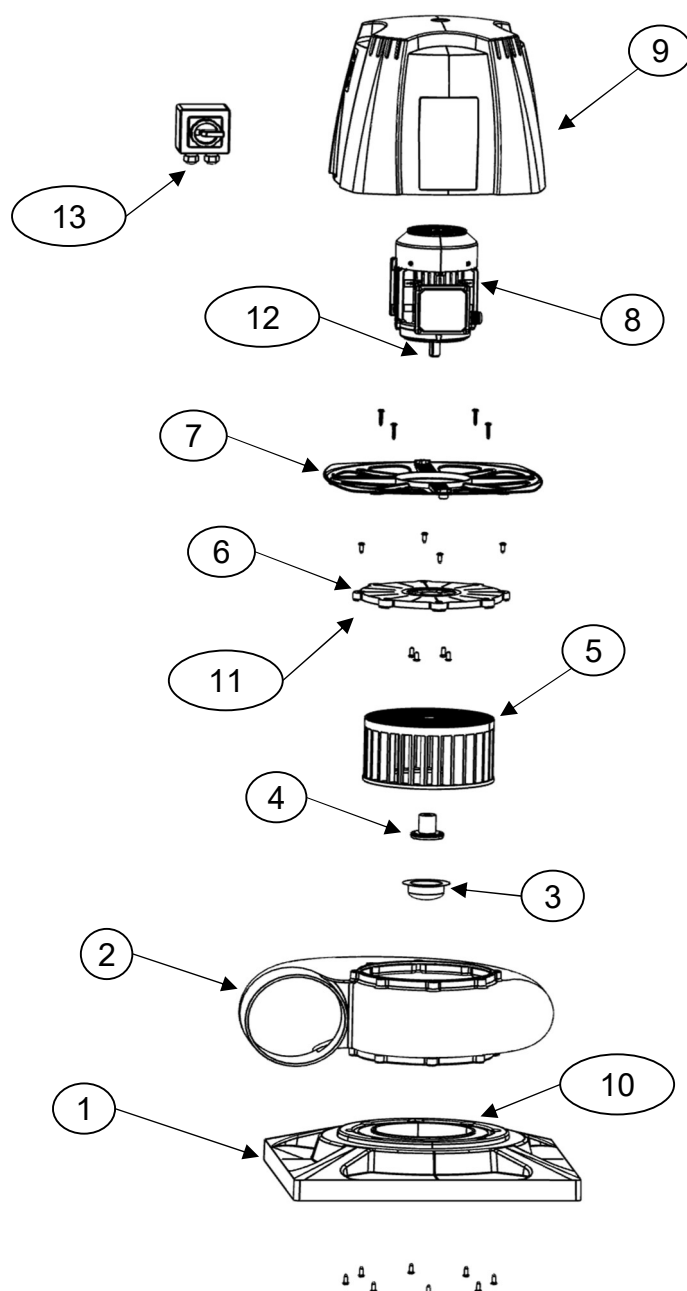
		Qv	Ps	Octave Band (Hz)								Lw	Lw(A)	Lp(A)
		(cfm)	(inwg)	63	125	250	500	1000	2000	4000	8000	dB	dB(A)	dB(A)
1725 RPM	Inlet 1	6499	0.01	85.9	91.4	83.1	86.5	86.3	87.1	84.2	79.0	99.7	97.0	95.0
	Inlet 2	4112	3.99	75.9	90.8	82.3	81.8	81.8	80.4	76.7	70.7	96.2	91.7	89.6
	Inlet 3	5520	1.89	89.8	100.0	89.0	85.6	86.6	86.2	83.3	75.7	103.5	97.2	95.1
	Inlet 4	5520	1.89	80.3	90.1	81.6	84.6	84.8	83.9	80.9	75.6	97.7	94.6	92.5
	Outlet 1	6499	0.01	91.8	101.8	91.7	88.0	88.3	90.7	86.5	79.4	105.6	100.0	97.9
	Outlet 2	2042	5.24	85.4	95.5	84.5	82.3	82.4	82.0	77.1	67.8	98.8	92.3	90.3
	Outlet 3	4112	3.99	86.1	100.7	85.9	83.4	84.3	82.9	79.5	71.5	102.9	94.4	92.3
	Outlet 4	2042	5.24	76.8	86.8	78.9	80.2	80.0	78.8	74.1	67.4	94.2	89.6	87.5
1140 RPM	Inlet 1	2717	1.74	66.9	81.8	73.3	72.8	72.9	71.4	67.7	61.8	87.2	82.7	80.6
	Inlet 2	3648	0.82	71.3	81.1	72.6	75.6	75.8	74.9	71.9	66.6	88.7	85.6	83.5
	Inlet 3	4295	0.01	82.8	92.8	82.7	79.0	79.4	81.7	77.5	70.4	96.6	91.0	88.9
	Inlet 4	2717	1.74	77.1	91.7	76.9	74.4	75.3	73.9	70.6	62.5	93.9	85.4	83.3
	Outlet 1	4295	0.01	76.9	82.4	74.1	77.5	77.3	78.1	75.2	70.0	90.7	88.0	86.0
	Outlet 2	1350	2.29	67.8	77.8	69.9	71.2	71.0	69.8	65.1	58.4	85.3	80.6	78.5
	Outlet 3	1350	2.29	76.4	86.5	75.5	73.3	73.4	73.0	68.2	58.9	89.8	83.3	81.3
	Outlet 4	3648	0.82	80.8	91.0	80.0	76.6	77.6	77.2	74.3	66.8	94.5	88.2	86.1
850 RPM	Inlet 1	2026	0.97	60.5	75.5	66.9	66.4	66.5	65.0	61.3	55.4	80.8	76.3	74.3
	Inlet 2	1006	1.27	61.4	71.4	63.6	64.8	64.6	63.4	58.7	52.1	78.9	74.2	72.2
	Inlet 3	2720	0.46	64.9	74.8	66.2	69.2	69.4	68.5	65.5	60.3	82.3	79.2	77.1
	Inlet 4	2026	0.97	70.7	85.3	70.5	68.0	68.9	67.5	64.2	56.1	87.6	79.0	77.0
	Outlet 1	2720	0.46	74.4	84.7	73.7	70.3	71.2	70.8	67.9	60.4	88.2	81.8	79.7
	Outlet 2	1006	1.27	70.0	80.1	69.1	66.9	67.0	66.6	61.8	52.5	83.4	76.9	74.9
	Outlet 3	3202	0.00	70.5	76.0	67.7	71.1	70.9	71.7	68.8	63.6	84.4	81.7	79.6
	Outlet 4	3202	0.00	76.4	86.4	76.3	72.6	73.0	75.3	71.2	64.0	90.2	84.6	82.5

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Expanded View



1	Roof Unit Base
2	Housing
3	Hub Cap
4	Hub
5	Impeller
6	Motor Plate
7	Cap Bracket
8	Motor
9	Roof Unit Cap
10	Inlet Gasket
11	Motor Plate Seal
12	Shaft Key
13	Disconnect Switch

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