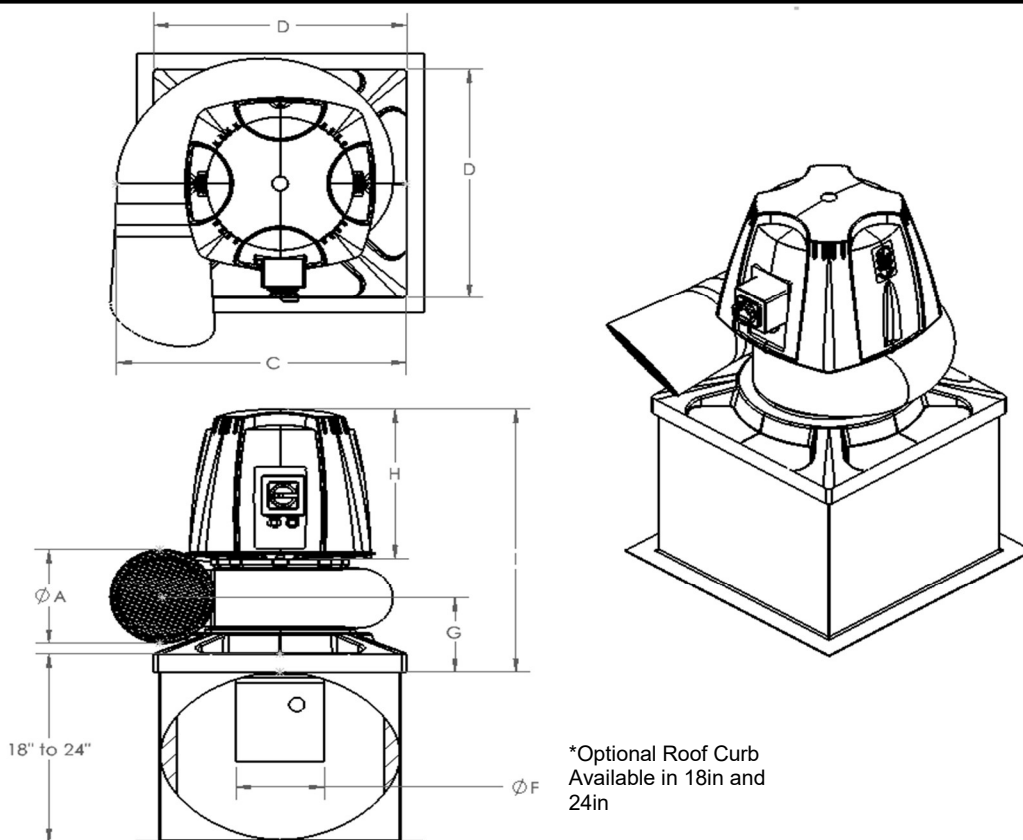




ROOF 30



*Optional Roof Curb
Available in 18in and
24in

Mechanical Data

	ØA (OD)	C	D	ØF (OD)	G	H	I
in	11.48	28.37	22.01	9.83	7.5	14.38	26.33
mm	292	722	560	250	192	366	670

Project Name	
Date	
Engineer/Sales Rep	
Client	
Contractor	

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Model Numbers

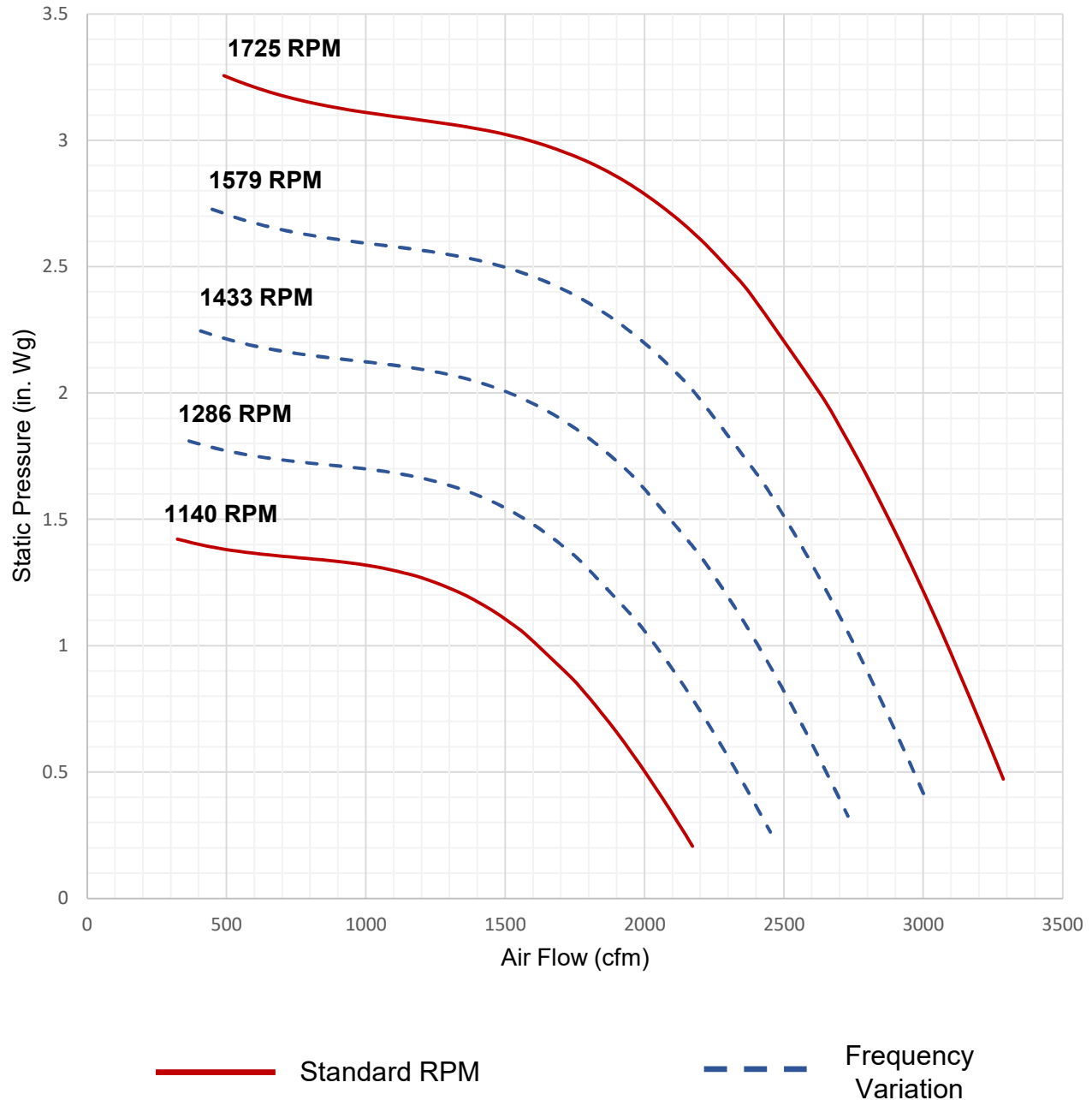
Model Number	Max. Flow (cfm)	Min. Flow (cfm)	Max. Static (in. Wg)	Min. Static (in. Wg)	Phase	Power (hp)	RPM	Voltage (V)	FLA	Blower Weight (lbs)
R30SS6P075	2200	270	1.36	0.3	Single Phase	0.75	1140	115/208-230	7.05/4.04-3.89	61.97
R30ST6P075	2200	270	1.36	0.3	Three Phase	0.75	1130	208-230/460	3.86/2.23	60.43
R30CT6P075	2200	270	1.36	0.3	Three Phase	0.75	1145	575	1.26	57.35
R30SS4P150	3400	270	3.1	0.3	Single Phase	1.5	1700	115/208-230	12.80/7.43-6.38	63.29
R30ST4P150	3400	270	3.1	0.3	Three Phase	1.5	1745	208-230/460	4.44-4.26/2.13	68.57
R30CT4P150	3400	270	3.1	0.3	Three Phase	1.5	1745	575	1.73	68.57

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Performance Curve



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Acoustic Data

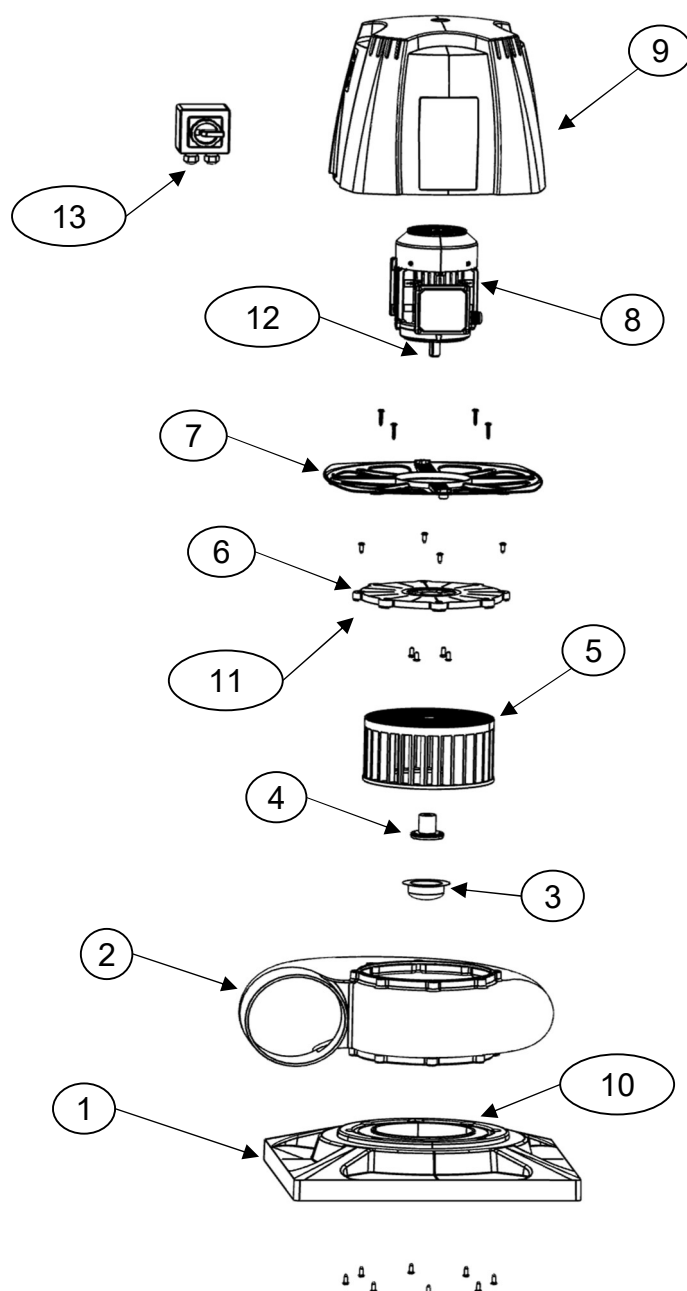
		Qv	Ps	Octave Band (Hz)								Lw	Lw(A)	Lp(A)
		(cfm)	(inwg)	63	125	250	500	1000	2000	4000	8000	dB	dB(A)	dB(A)
1725 RPM	Inlet 1	615	3.17	69.3	71.7	72.1	73.6	72.8	70.0	63.8	59.3	86.4	82.3	80.3
	Inlet 2	1732	2.84	86.9	81.9	81.5	78.2	75.9	71.4	68.9	62.8	93.7	86.1	84.1
	Inlet 3	3191	0.52	86.8	85.8	89.5	84.0	81.0	75.2	74.8	68.0	97.8	91.2	89.2
	Inlet 4	2596	1.86	72.6	76.9	77.7	76.7	75.7	71.7	68.3	62.6	89.9	85.2	83.2
	Outlet 1	2596	1.86	84.0	83.7	89.1	81.6	78.7	72.3	71.3	64.9	95.8	88.8	86.7
	Outlet 2	615	3.17	79.5	75.9	78.7	76.3	74.4	71.4	66.7	62.0	89.8	84.3	82.3
	Outlet 3	3191	0.52	75.7	79.7	80.3	78.8	77.6	74.0	71.6	65.9	92.2	87.4	85.4
	Outlet 4	1732	2.84	75.4	75.5	73.5	74.2	74.0	70.7	65.9	60.4	88.5	83.4	81.3
1140 RPM	Inlet 1	2109	0.23	77.8	76.8	80.5	75.0	72.0	66.2	65.8	59.0	88.8	82.3	80.2
	Inlet 2	1716	0.81	75.0	74.7	80.1	72.7	69.7	63.3	62.3	55.9	86.8	79.8	77.7
	Inlet 3	407	1.38	60.3	62.7	63.1	64.6	63.8	61.0	54.8	50.3	77.4	73.4	71.3
	Inlet 4	2109	0.23	66.7	70.7	71.3	69.8	68.6	65.0	62.6	56.9	83.2	78.4	76.4
	Outlet 1	407	1.38	70.5	66.9	69.7	67.3	65.4	62.4	57.7	53.0	80.8	75.3	73.3
	Outlet 2	1145	1.24	66.4	66.5	64.5	65.2	65.0	61.7	56.9	51.4	79.5	74.4	72.3
	Outlet 3	1145	1.24	77.9	72.9	72.5	69.2	66.9	62.4	59.9	53.8	84.7	77.1	75.1
	Outlet 4	1716	0.81	63.6	67.9	68.7	67.7	66.7	62.7	59.3	53.6	80.9	76.2	74.2

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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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