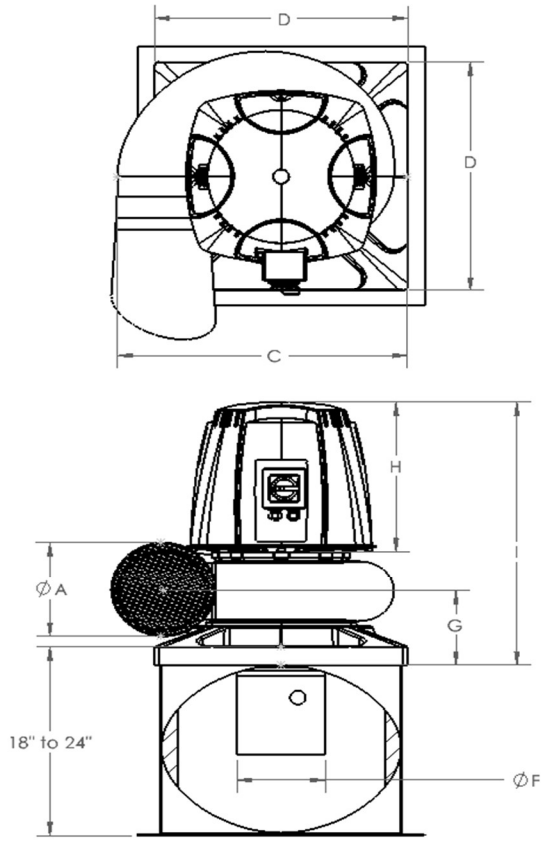
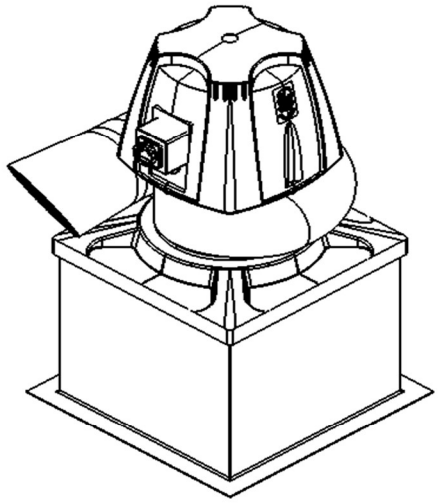
ROOF 30





*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)
R30XS6P075	2200	270	1.36	0.3	Single Phase	0.75	1130	115/208-230	8.6/3.8	63.07
R30XT6P075	2200	270	1.36	0.3	Three Phase	0.75	1150	208-230/460	2.68/1.61	63.07
R30XS4P150	3400	270	3.1	0.3	Single Phase	1.5	1690	115/208-230	13.1/8.75	78.47
R30XT4P150	3400	270	3.1	0.3	Three Phase	1.5	1750	208-230/460	4.45/2.31	72.97
R30CX4P150	3400	270	3.1	0.3	Three Phase	1.5	1745	575	1.73	68.57

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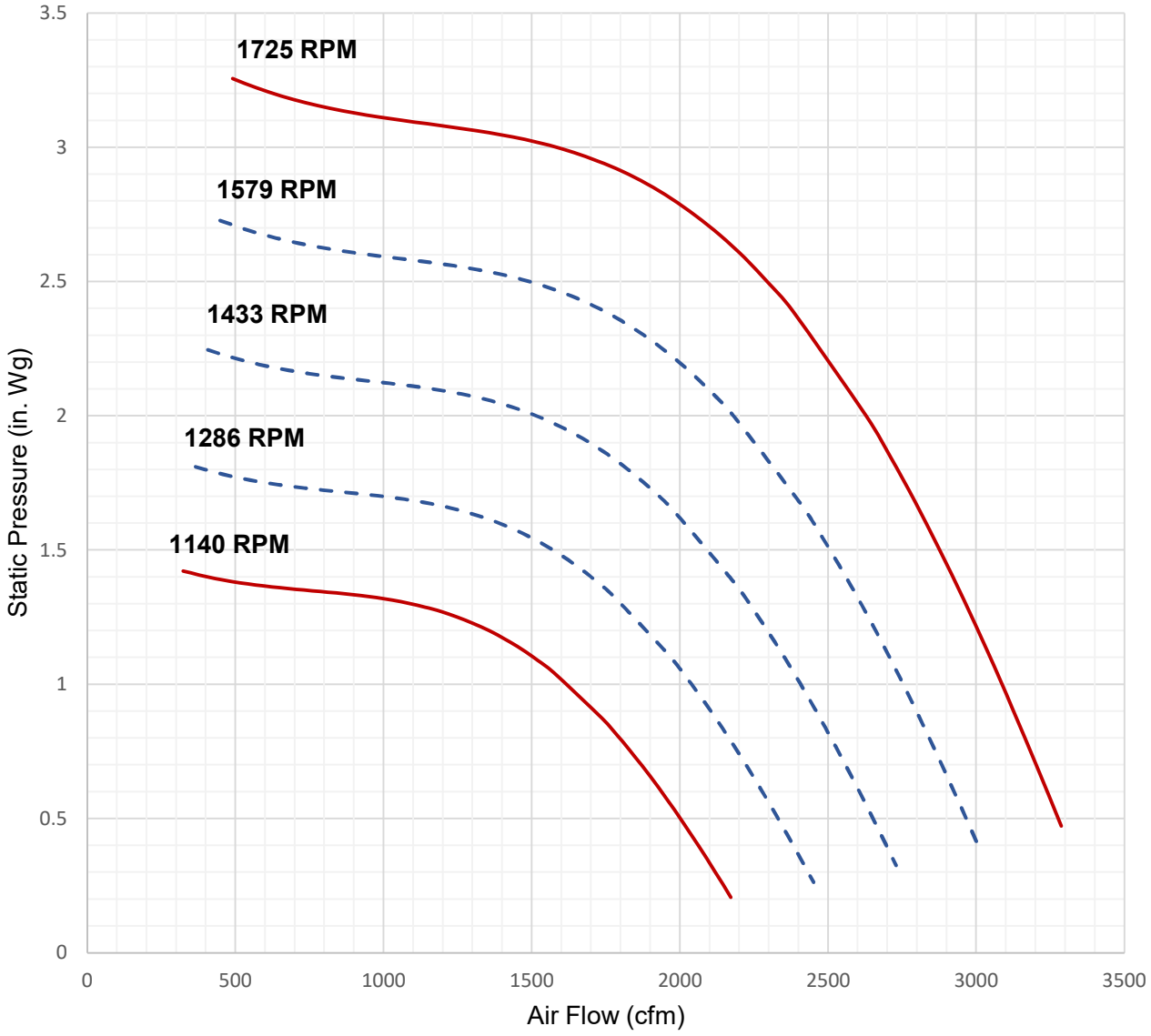
Performance Curve



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)
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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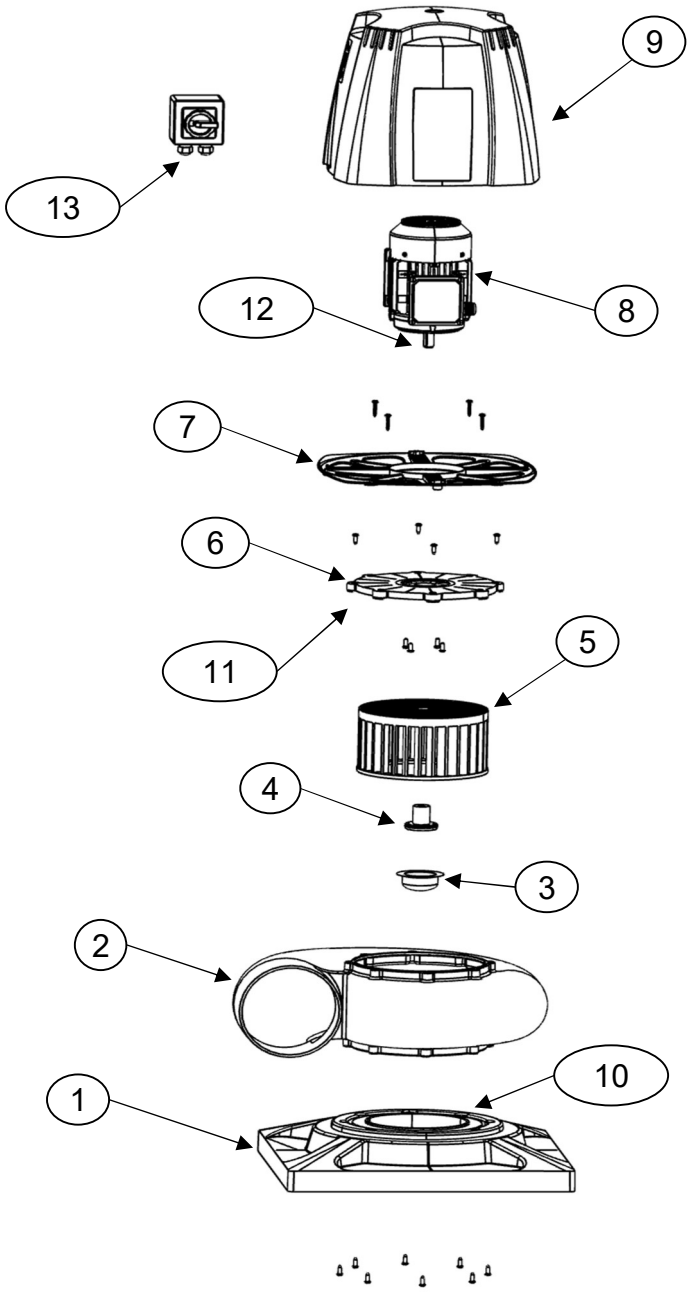
Expanded View



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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