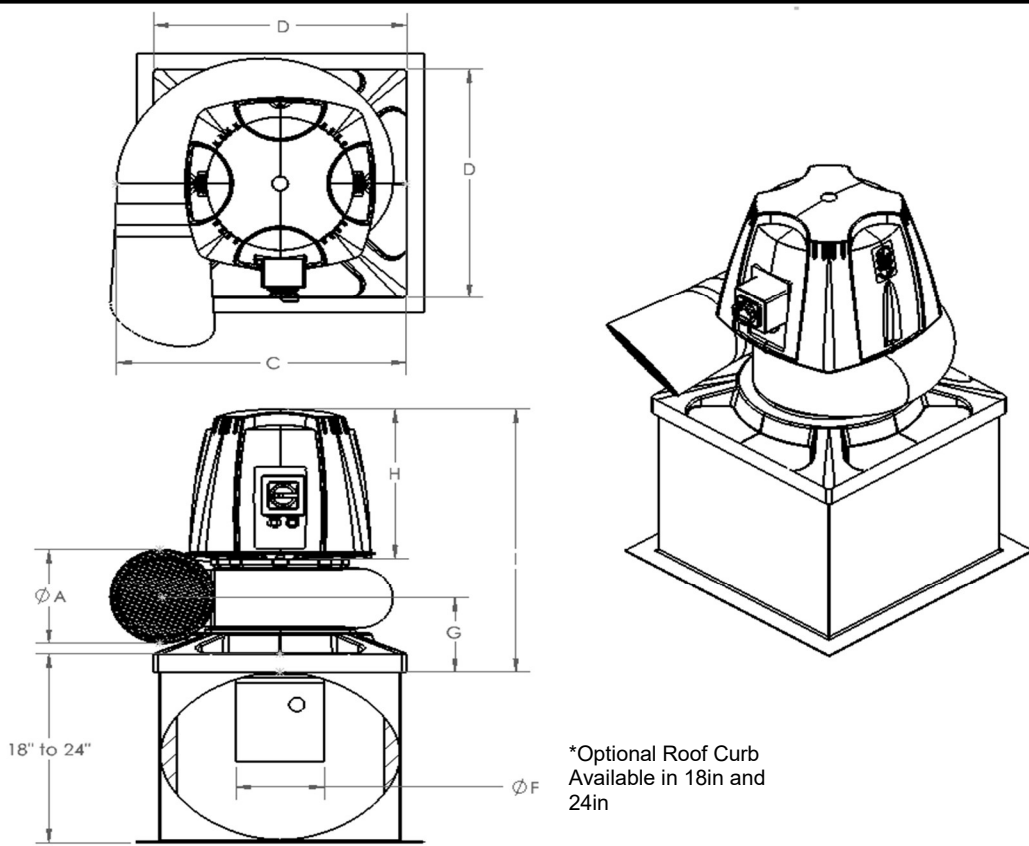




ROOF 20



*Optional Roof Curb
Available in 18in and
24in

Mechanical Data

	$\varnothing A$ (OD)	C	D	$\varnothing F$ (OD)	G	H	I
in	7.94	22.40	22.01	6.29	6.9	14.38	24.52
mm	202	570	560	160	175	366	624

Project Name	
Date	
Engineer/Sales Rep	
Client	
Contractor	

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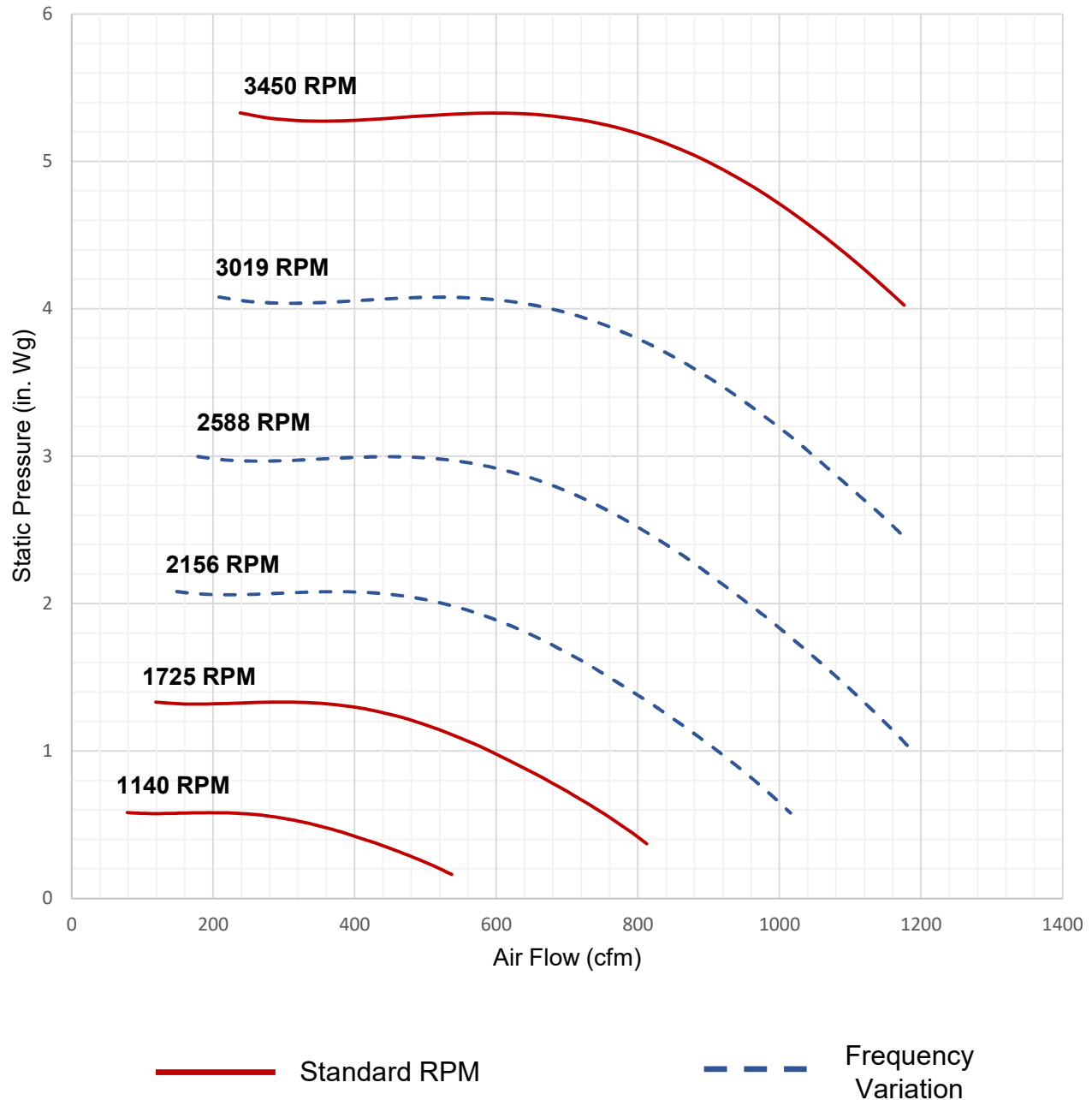
Model Numbers

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)
R20XS6P033	610	30	0.63	0.15	Single Phase	0.33	1160	115/208-230	3.8/2.7	53.92
R20XS4P033	910	30	1.44	0.15	Single Phase	0.33	1760	115/208-230	4.6/2.3	51.72
R20XT4P033	910	30	1.44	0.15	Three Phase	0.33	1715	208-230/460	1.18/0.62	52.82
R20XS2P100	765	30	5.8	0.15	Single Phase	1	3450	115/208-230	9.3/5.3	57.22
R20XT2P100	765	30	5.8	0.15	Three Phase	1	3490	208-230/460	2.78/1.46	53.92
R20XS2P150	1200	30	5.8	0.15	Single Phase	1.5	3510	115/208-230	13.1/8.75	57.22
R20XT2P150	1200	30	5.8	0.15	Three Phase	1.5	3510	208-230/460	3.9/2.02	53.922
R20CX2P150	1200	30	5.8	0.15	Three Phase	1.5	3510	575	1.64	49.742

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Performance Curve



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Acoustic Data

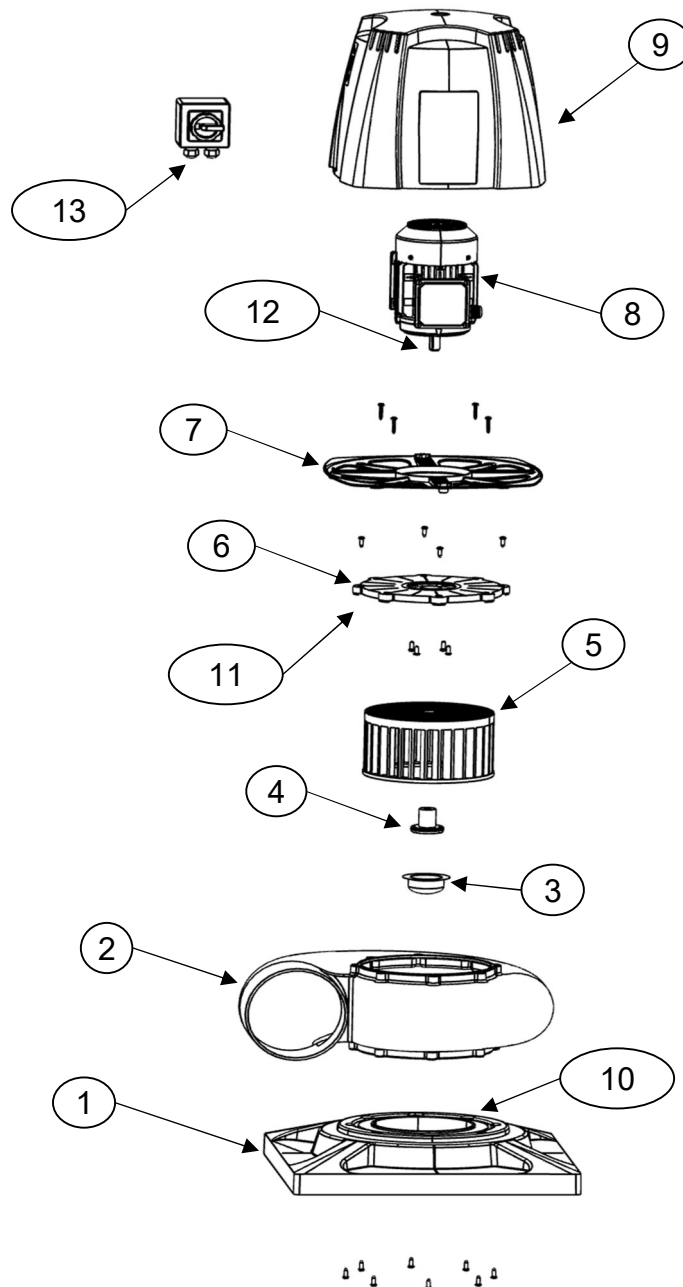
		Qv	Ps	Octave Band (Hz)								Lw	Lw(A)	Lp(A)
		(cfm)	(inwg)	63	125	250	500	1000	2000	4000	8000	dB	dB(A)	dB(A)
3450 RPM	Inlet 1	1061	4.26	91.1	65.5	82.3	82.1	77.5	70.0	67.8	60.2	95.9	89.3	87.2
	Inlet 2	1741	0.01	94.3	88.3	96.2	90.4	85.9	79.7	77.2	70.6	102.2	96.3	94.2
	Inlet 3	1061	4.26	89.8	81.1	89.3	85.0	77.5	71.8	70.1	62.4	96.1	89.7	87.6
	Inlet 4	1440	2.32	94.8	70.1	85.7	82.7	81.4	73.6	72.0	65.1	98.5	90.8	88.8
	Outlet 1	1741	0.01	97.2	75.1	88.6	85.2	86.8	77.6	76.0	69.4	101.0	94.1	92.0
	Outlet 2	624	5.23	93.6	65.4	80.4	79.5	74.4	67.5	64.5	55.9	97.5	88.6	86.6
	Outlet 3	1440	2.32	92.7	85.1	93.2	88.4	81.4	75.5	73.6	66.7	99.6	93.3	91.2
	Outlet 4	624	5.23	91.3	78.5	85.8	83.1	73.9	68.6	66.2	57.6	96.4	89.6	87.5
1725 RPM	Inlet 1	720	0.58	77.7	70.1	78.1	73.3	66.3	60.5	58.5	51.7	84.6	78.2	76.2
	Inlet 2	871	0.00	79.2	73.2	81.2	75.3	70.9	64.7	62.1	55.5	87.1	81.2	79.2
	Inlet 3	312	1.31	76.3	63.5	70.7	68.1	58.9	53.6	51.1	42.5	81.4	74.5	72.5
	Inlet 4	720	0.58	79.7	55.1	70.6	67.6	66.3	58.5	57.0	50.0	83.4	75.8	73.7
	Outlet 1	871	0.00	82.1	60.1	73.6	70.2	71.7	62.6	60.9	54.3	85.9	79.0	77.0
	Outlet 2	312	1.31	78.6	50.3	65.3	64.5	59.4	52.5	49.5	40.8	82.4	73.6	71.5
	Outlet 3	531	1.06	76.0	50.4	67.3	67.1	62.5	55.0	52.8	45.2	80.9	74.2	72.1
	Outlet 4	531	1.06	74.7	66.1	74.3	70.0	62.4	56.7	55.1	47.3	81.1	74.6	72.6
1140 RPM	Inlet 1	476	0.25	68.7	61.1	69.2	64.3	57.3	51.5	49.5	42.7	75.6	69.2	67.2
	Inlet 2	206	0.57	69.6	41.4	56.3	55.5	50.4	43.5	40.5	31.8	73.4	64.6	62.5
	Inlet 3	351	0.46	67.0	41.5	58.3	58.1	53.5	46.0	43.8	36.2	71.9	65.2	63.2
	Inlet 4	476	0.25	70.7	46.1	61.6	58.6	57.4	49.5	48.0	41.0	74.5	66.8	64.8
	Outlet 1	206	0.57	67.3	54.5	61.7	59.1	49.9	44.6	42.1	33.5	72.4	65.5	63.5
	Outlet 2	575	0.00	73.1	51.1	64.6	61.2	62.7	53.6	51.9	45.3	76.9	70.0	68.0
	Outlet 3	351	0.46	65.7	57.1	65.3	61.0	53.5	47.7	46.1	38.3	72.1	65.6	63.6
	Outlet 4	575	0.00	70.2	64.3	72.2	66.3	61.9	55.7	53.1	46.5	78.1	72.2	70.2

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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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