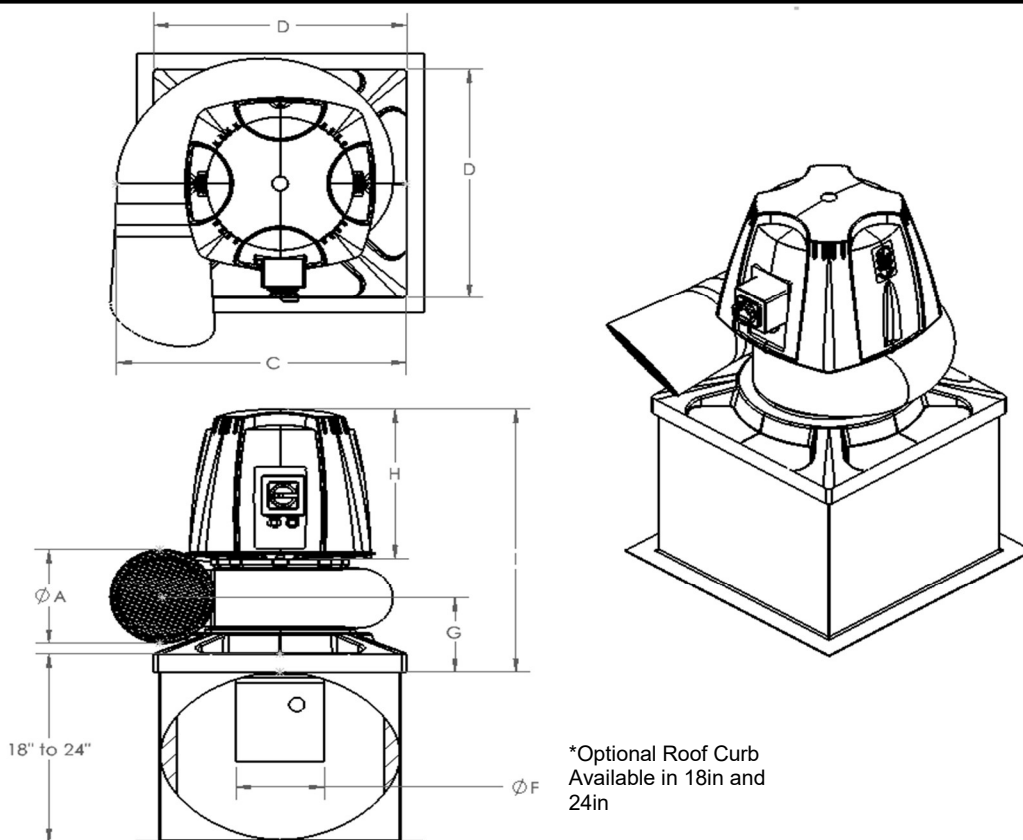




ROOF 20



*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	

Property rights to all drawings, details, representations, ideas, data, notes and specifications either copies or originals thereof that may be incorporated into the design and/or project are the property solely of Plastec ventilation, inc. Permission for any copies of said copyrighted materials, drawings, details, representations, ideas, data, notes and specifications either originals or copies thereof to be made, copied or altered by any person, business, or corporation may only be authorized with the expressed written permission of Plastec ventilation, inc. By the use of this data, the user acknowledges that he/she has read and understand all of the notes included herein.



ROOF 20

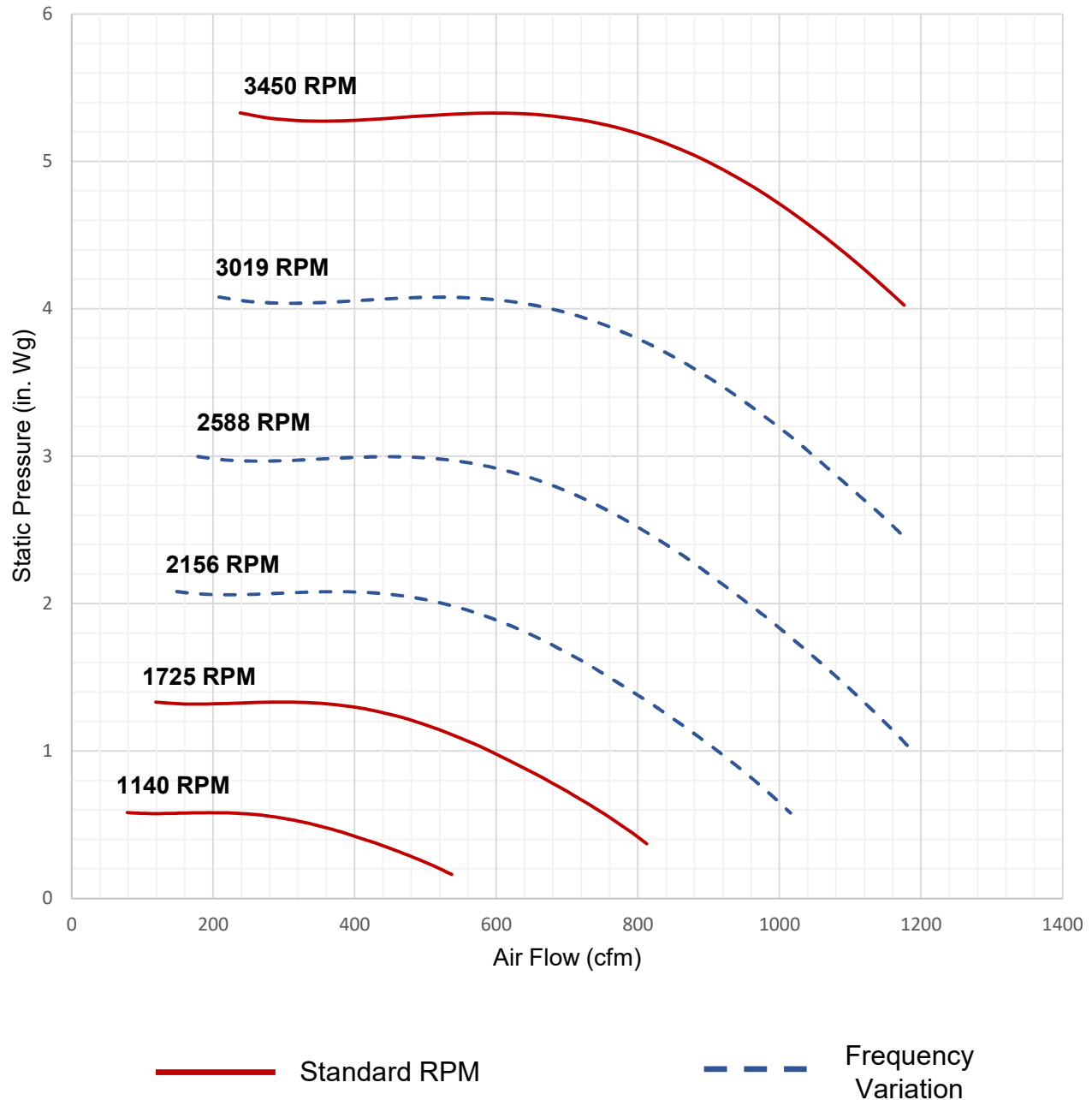
Model Numbers

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)
R20SS6P025	610	30	0.63	0.15	Single Phase	0.25	1120	115/208-230	4.16/2.26-2.08	43.14
R20ST6P025	610	30	0.63	0.15	Three Phase	0.25	1120	208-230/460	1.33-1.25/0.62	38.74
R20SS4P033	910	30	1.44	0.15	Single Phase	0.33	1720	115/208-230	3.49/1.88-1.74	39.18
R20ST4P033	910	30	1.44	0.15	Three Phase	0.33	1715	208-230/460	1.43-1.39/0.70	37.55
R20CT4P033	910	30	1.44	0.15	Three Phase	0.33	1700	575	0.53	37.55
R20SS2P100	765	30	5.8	0.15	Single Phase	1	3390	115/208-230	9.28/5.02-4.64	45.12
R20ST2P100	765	30	5.8	0.15	Three Phase	1	3480	208-230/460	3.05-3.06/1.53	46.002
R20SS2P150	1200	30	5.8	0.15	Single Phase	1.5	3435	115/208-230	12.50/7.24-6.24	50.622
R20ST2P150	1200	30	5.8	0.15	Three Phase	1.5	3510	208-230/460	4.14-4.10/2.05	49.742
R20CT2P150	1200	30	5.8	0.15	Three Phase	1.5	3510	575	1.64	49.742

Property rights to all drawings, details, representations, ideas, data, notes and specifications either copies or originals thereof that may be incorporated into the design and/or project are the property solely of Plastec ventilation, inc. Permission for any copies of said copyrighted materials, drawings, details, representations, ideas, data, notes and specifications either originals or copies thereof to be made, copied or altered by any person, business, or corporation may only be authorized with the expressed written permission of Plastec ventilation, inc. By the use of this data, the user acknowledges that he/she has read and understand all of the notes included herein.



Performance Curve



Property rights to all drawings, details, representations, ideas, data, notes and specifications either copies or originals thereof that may be incorporated into the design and/or project are the property solely of Plastec ventilation, inc. Permission for any copies of said copyrighted materials, drawings, details, representations, ideas, data, notes and specifications either originals or copies thereof to be made, copied or altered by any person, business, or corporation may only be authorized with the expressed written permission of Plastec ventilation, inc. By the use of this data, the user acknowledges that he/she has read and understand all of the notes included herein.



ROOF 20

Acoustic Data

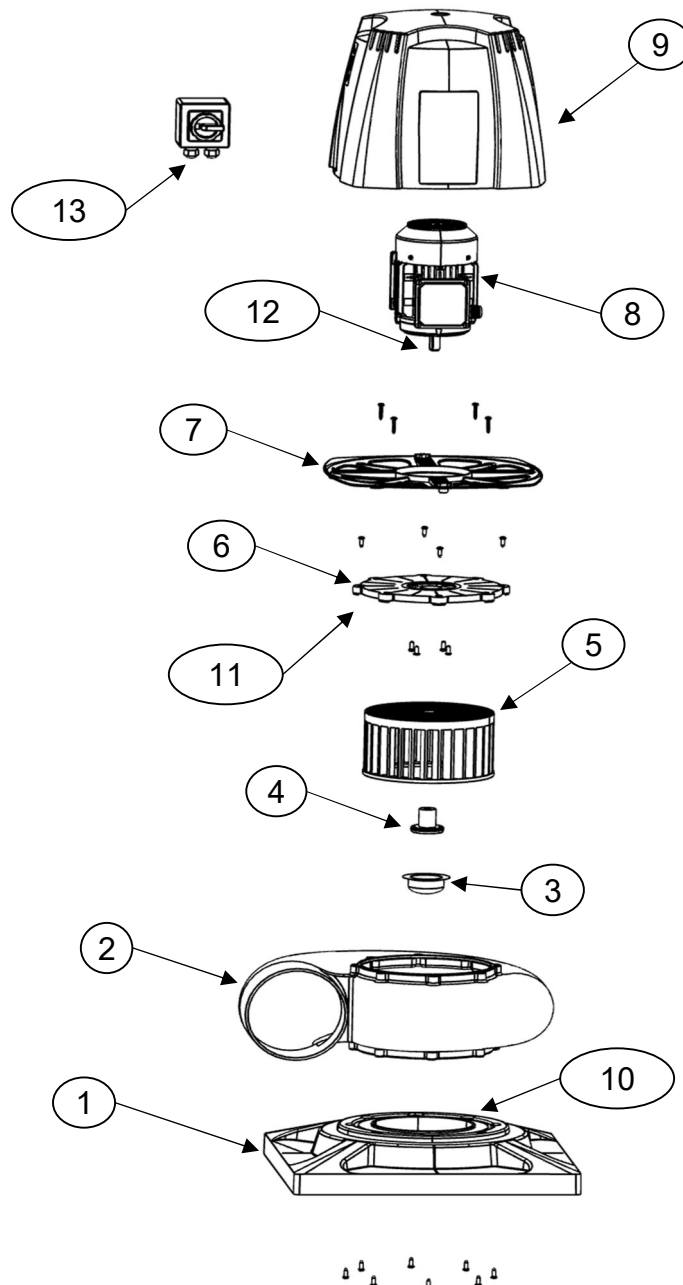
		Qv	Ps	Octave Band (Hz)								Lw	Lw(A)	Lp(A)
		(cfm)	(inwg)	63	125	250	500	1000	2000	4000	8000	dB	dB(A)	dB(A)
3450 RPM	Inlet 1	1061	4.26	91.1	65.5	82.3	82.1	77.5	70.0	67.8	60.2	95.9	89.3	87.2
	Inlet 2	1741	0.01	94.3	88.3	96.2	90.4	85.9	79.7	77.2	70.6	102.2	96.3	94.2
	Inlet 3	1061	4.26	89.8	81.1	89.3	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

Property rights to all drawings, details, representations, ideas, data, notes and specifications either copies or originals thereof that may be incorporated into the design and/or project are the property solely of Plastec ventilation, inc. Permission for any copies of said copyrighted materials, drawings, details, representations, ideas, data, notes and specifications either originals or copies thereof to be made, copied or altered by any person, business, or corporation may only be authorized with the expressed written permission of Plastec ventilation, inc. By the use of this data, the user acknowledges that he/she has read and understand all of the notes included herein.



ROOF 20

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

Property rights to all drawings, details, representations, ideas, data, notes and specifications either copies or originals thereof that may be incorporated into the design and/or project are the property solely of Plastec ventilation, inc. Permission for any copies of said copyrighted materials, drawings, details, representations, ideas, data, notes and specifications either originals or copies thereof to be made, copied or altered by any person, business, or corporation may only be authorized with the expressed written permission of Plastec ventilation, inc. By the use of this data, the user acknowledges that he/she has read and understand all of the notes included herein.