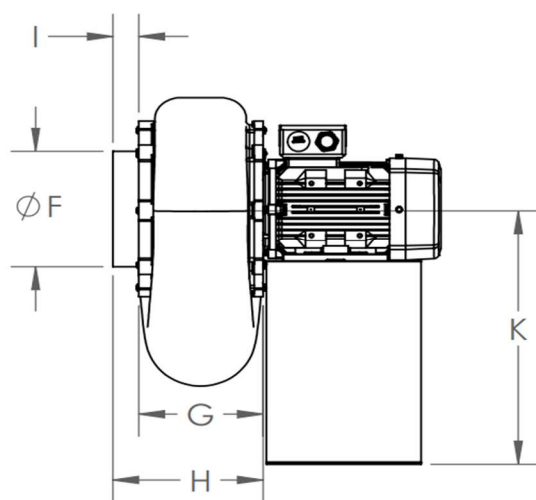
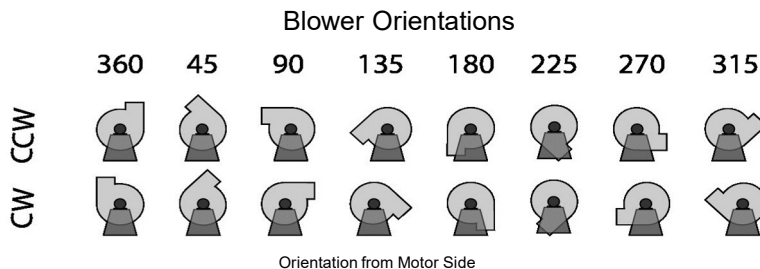
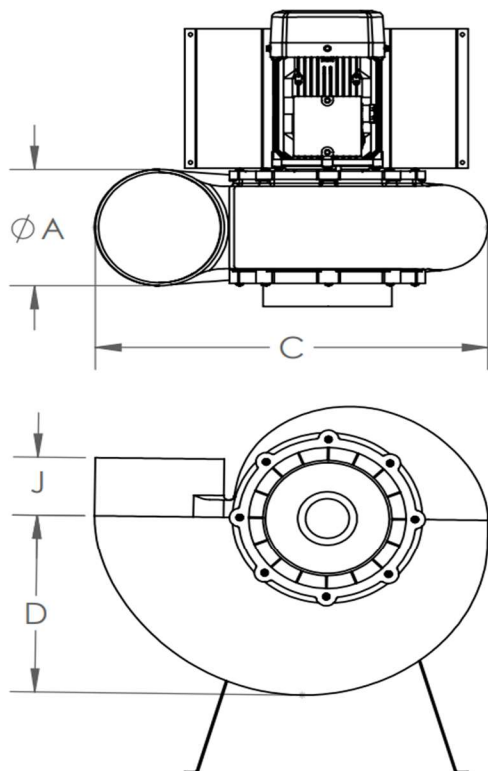




PLASTEC 20

Explosion Resistant



Mechanical Data								
	ØA (OD)	C	D	ØF (OD)	G	H	I	J
in	6.29	20.08	9.43	6.29	6.5	7.74	1.22	3.93
mm	160	511	240	160	166	197	31	100

Motor Height (K)			
	0.33 Hp	1 Hp	1.5 Hp
in	12.56	14.96	14.96
mm	319	380	380

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.



PLASTEC 20

Explosion Resistant

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)
P20XS6P033	610	30	0.63	0.15	Single Phase	0.33	1160	115/208-230	3.8/2.7	34.12
P20XS4P033	910	30	1.44	0.15	Single Phase	0.33	1760	115/208-230	4.6/2.3	31.92
P20XT4P033	910	30	1.44	0.15	Three Phase	0.33	1715	208-230/460	1.18/0.62	33.02
P20XS2P100	765	30	5.8	0.15	Single Phase	1	3450	115/208-230	9.3/5.3	37.42
P20XT2P100	765	30	5.8	0.15	Three Phase	1	3490	208-230/460	2.78/1.46	34.12
P20XS2P150	1200	30	5.8	0.15	Single Phase	1.5	3510	115/208-230	13.1/8.75	37.42
P20XT2P150	1200	30	5.8	0.15	Three Phase	1.5	3510	208-230/460	3.9/2.02	34.122
P20CX2P150	1200	30	5.8	0.15	Three Phase	1.5	3510	575	1.64	29.942

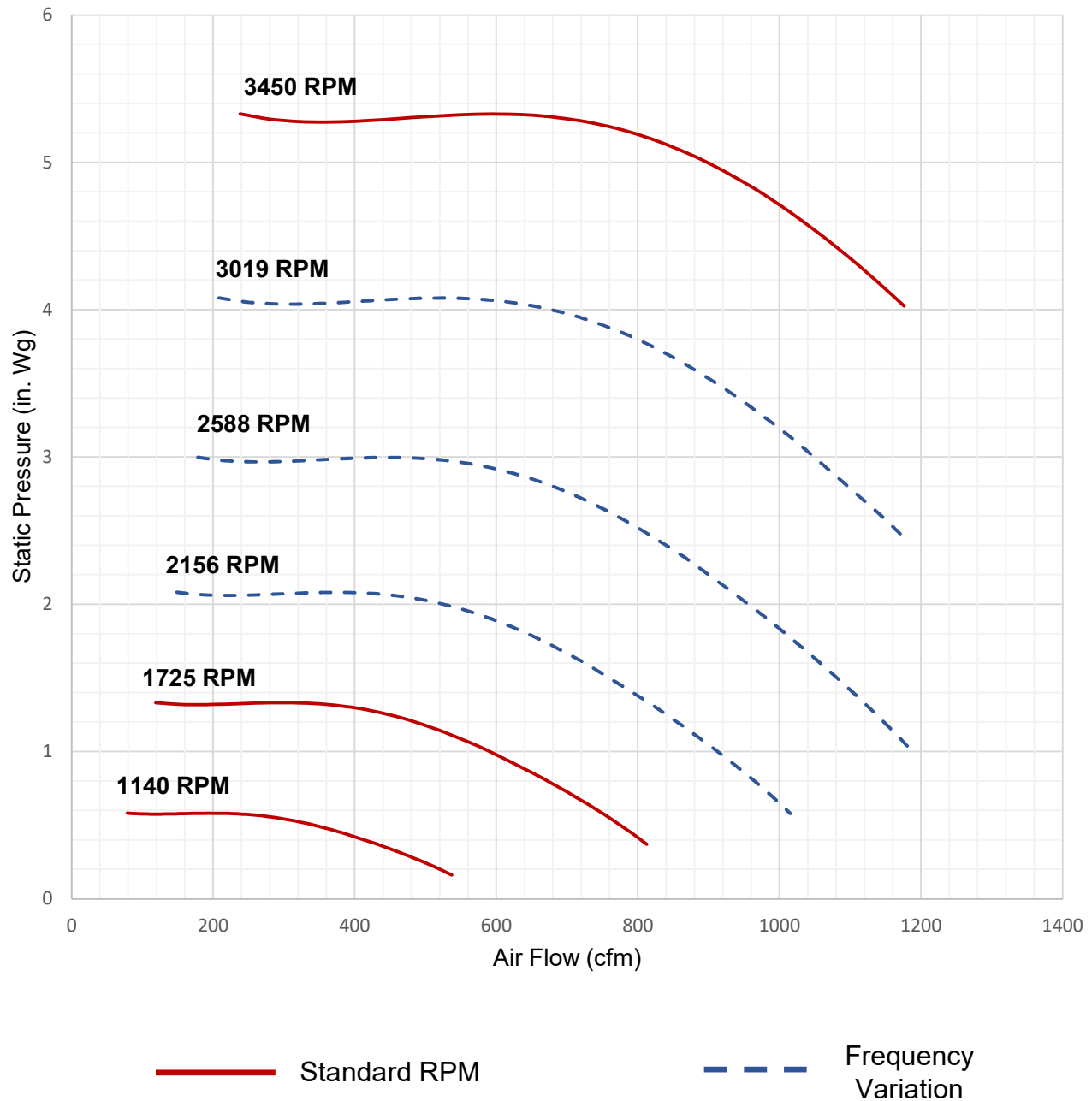
Property rights to all drawings, details, representations, ideas, data, notes and specifications either copies or originals thereof that may be incorporated into the design and/or project are the property solely of Plastec ventilation, inc. Permission for any copies of said copyrighted materials, drawings, 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.



PLASTEC 20

Explosion Resistant

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.



PLASTEC 20

Explosion Resistant

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	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 2	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 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	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 1	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 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	74.7	66.1	74.3	70.0	62.4	56.7	55.1	47.3	81.1	74.6	72.6
	Outlet 4	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
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	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 1	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 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

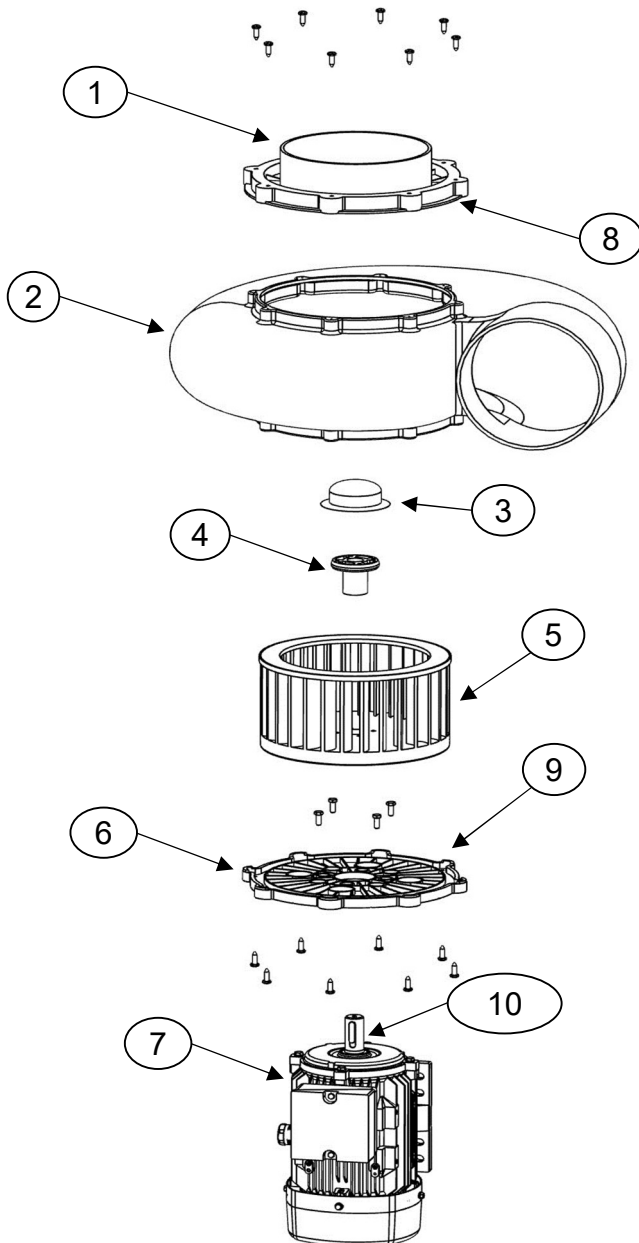
Property rights to all drawings, details, representations, ideas, data, notes and specifications either copies or originals thereof that may be incorporated into the design and/or project are the property solely of Plastec ventilation, inc. Permission for any copies of said copyrighted materials, drawings, 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.



PLASTEC 20

Explosion Resistant

Expanded View



1	Inlet Flange
2	Housing
3	Hub Cap
4	Hub
5	Impeller
6	Motor Plate
7	Motor
8	Inlet Gasket
9	Motor Plate Seal
10	Shaft Key

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.