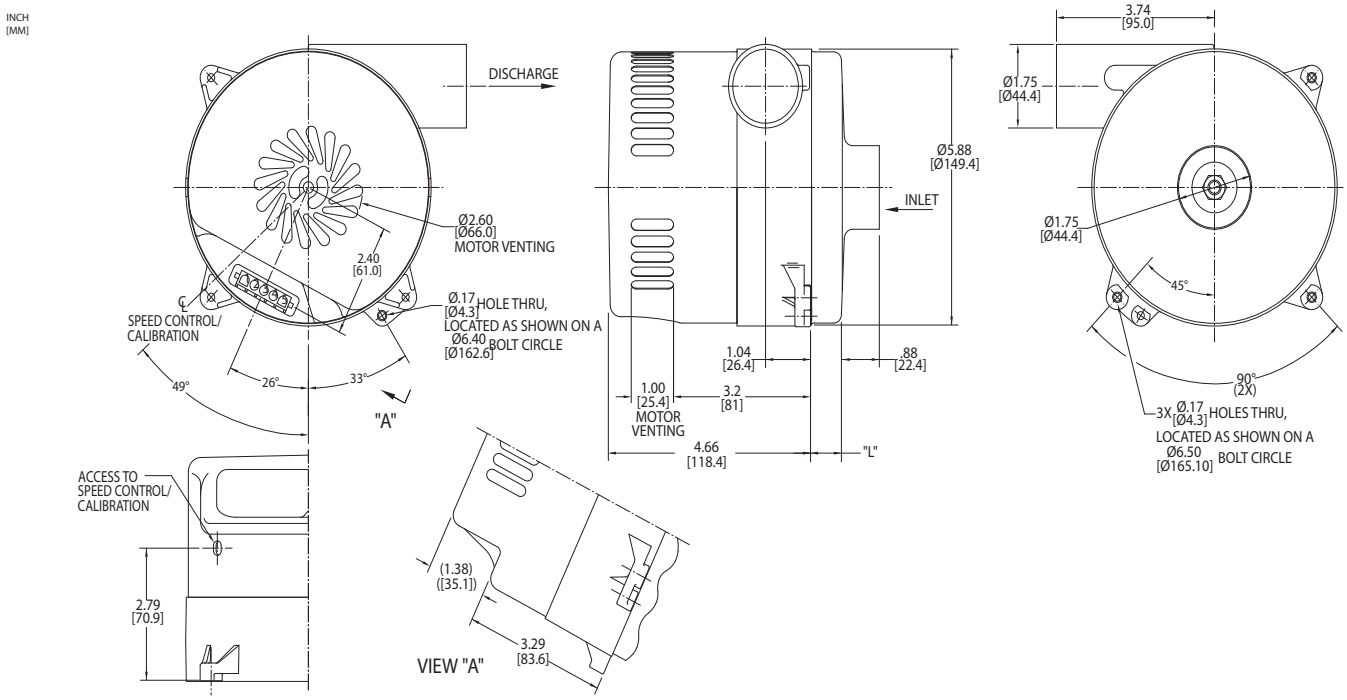
Low Voltage Brushless DC Blowers

5.7" (145mm) BLDC Bypass Blower

72 VDC Input, Standard Flow System



		Part/ Model Number					
Specification	Units	150421	150451	150422	150454	150423	150453
Stages	-	1	1	2	2	3	3
Input Voltage	VDC	64-79	64-79	64-79	64-79	64-79	64-79
Max Sealed Pressure	in. H2O	39.3	39.3	83.6	83.6	88.3	88.3
	mbar	97.9	97.9	208.2	208.2	220	220
Max Flow Rate	CFM	82	82	65.2	65.2	56.4	56.4
	m3/hr	139.4	139.4	110.8	110.8	95.9	95.9
Length (L)	Inches	0.50	0.50	1.15	1.15	1.84	1.84
	mm	12.7	12.7	29.2	29.2	46.7	46.7
Speed Control	-	Analog	Potent. Adjust.	Analog	Potent. Adjust.	Analog	Potent. Adjust.

Notes:

- **Temperature**: Working Air: 0°C to 45°C , Ambient Air: 0°C to 45°C, Storage: -40°C to 85°C.
- When used as a vacuum, the blower performance might be less then shown herein, depending on the operating point.
- **Weight** = 6 lb / 2.2 Kg

Potentiometer Adjustment (Potent. Adjust.) - The specified supply voltage is applied and the speed is set by adjusting a potentiometer on the side of the blower.

Analog Speed Command (Anlg. Spd. Cmd.) - Blower speed is proportional to an analog speed command signal. The range over which the speed command signal operates can be calibrated within 0-10V by adjusting the sensitivity potentiometer accessed through the side of the blower. The sensitivity adjustment is also useful for precisely calibrating a group of blowers to the same speed for a given operating point and command signal voltage.

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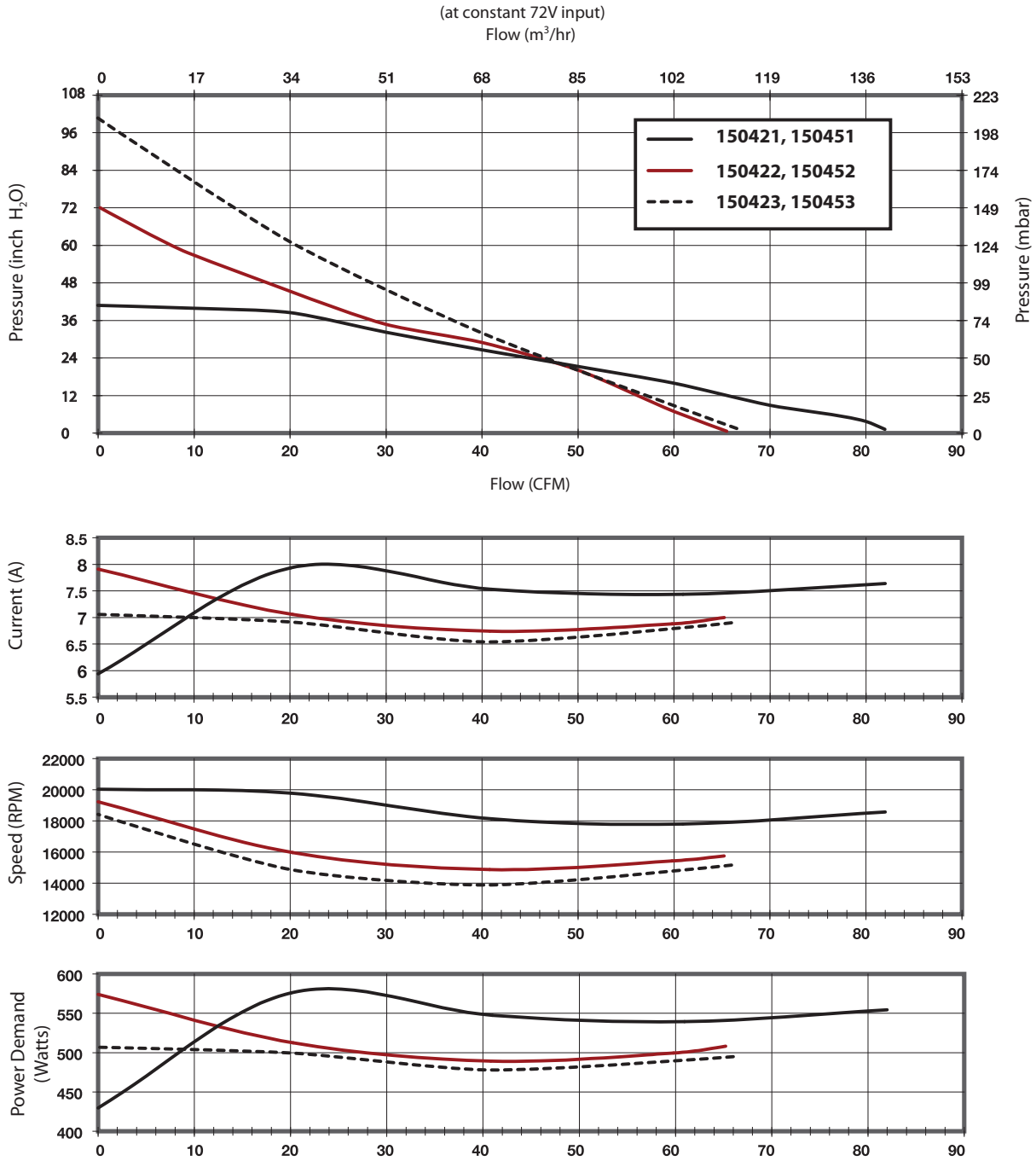
Typical Performance



Data presented represents blower performance at STANDARD AIR DENSITY, .075 lb/ft³ (29.92" Hg, Sea Level, 68° F)
Vacuum performance available upon request.

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