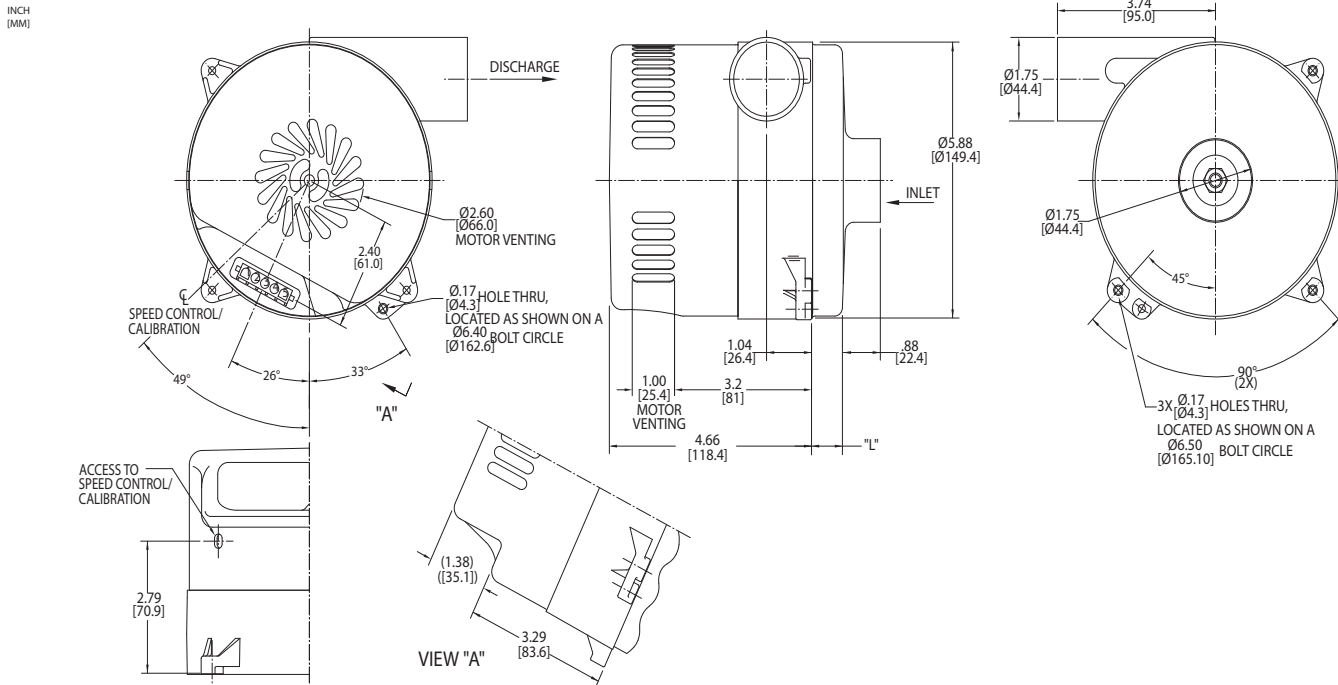


Low Voltage Brushless DC Blowers

5.7" (145mm) BLDC Bypass Blower

72 VDC Input, Standard Flow System

Windjammer®
BRUSHLESS BLOWERS



		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 mbar	39.3 97.9	39.3 97.9	83.6 208.2	83.6 208.2	88.3 220	88.3 220
Max Flow Rate	CFM m3/hr	82 139.4	82 139.4	65.2 110.8	65.2 110.8	56.4 95.9	56.4 95.9
Length (L)	Inches mm	0.50 12.7	0.50 12.7	1.15 29.2	1.15 29.2	1.84 46.7	1.84 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 than shown herein, depending on the operating point.
- **Weight** = 6 lb / 2.2 Kg

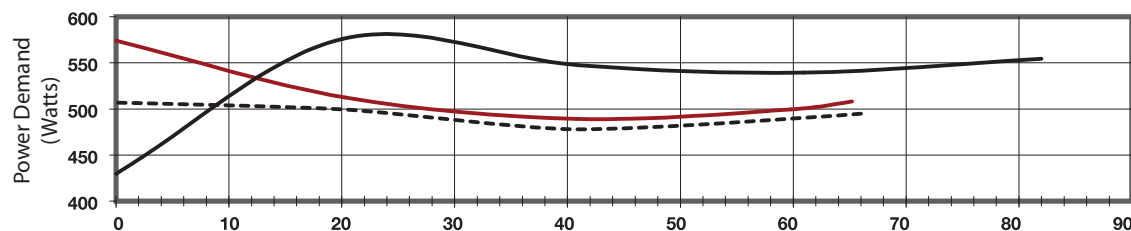
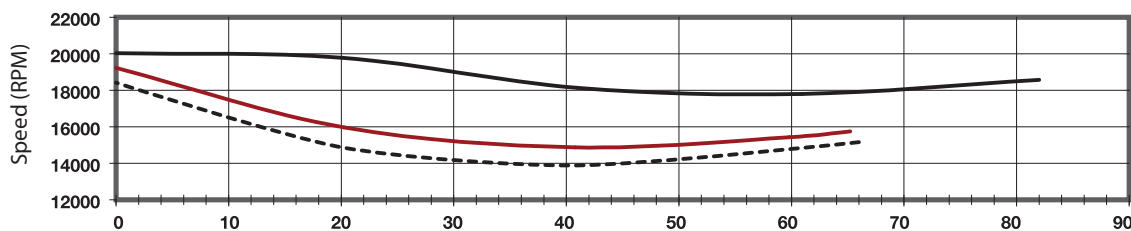
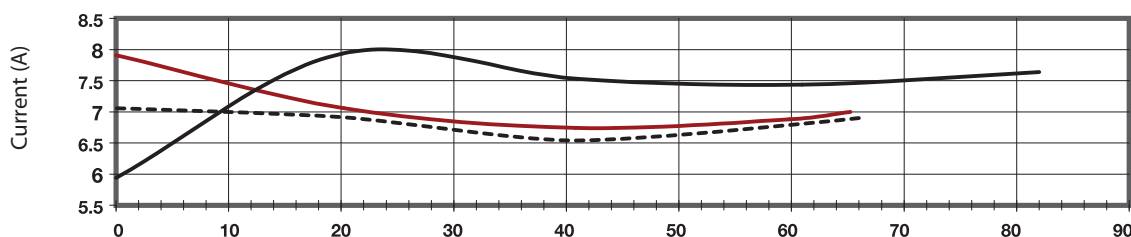
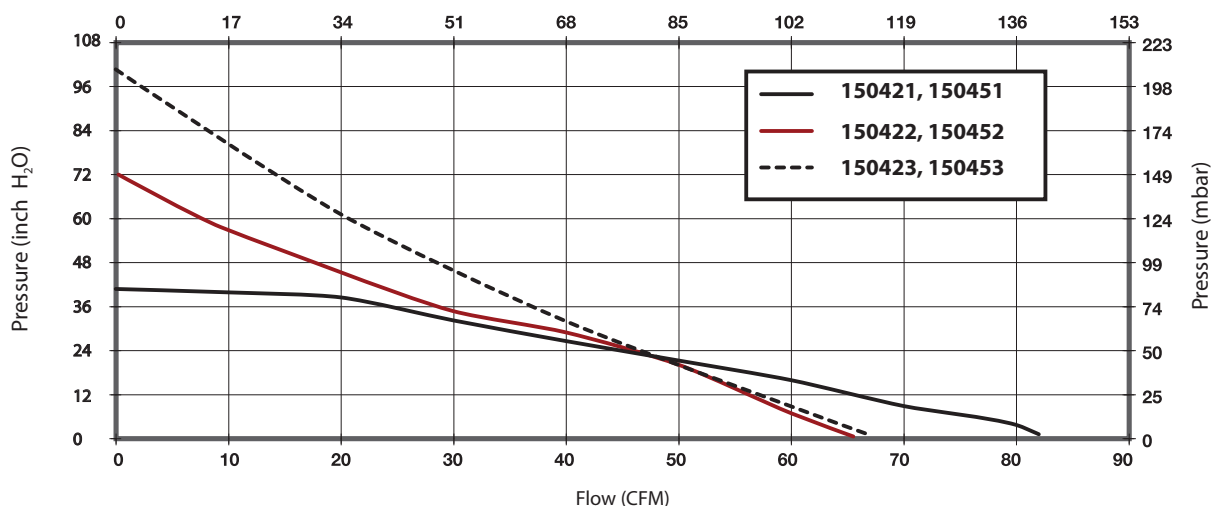
Potentiometer Adjustment (Potent. Adjust.) - The specified supply voltage is applied and the speed is set by adjusting a potentiometer on the side of the blower.

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.

This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions. AMETEK is not responsible for blowers driven beyond factory specified speed, temperature, pressure, flow or without proper alignment. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Sales department.

Typical Performance

(at constant 72V input)
Flow (m³/hr)



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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