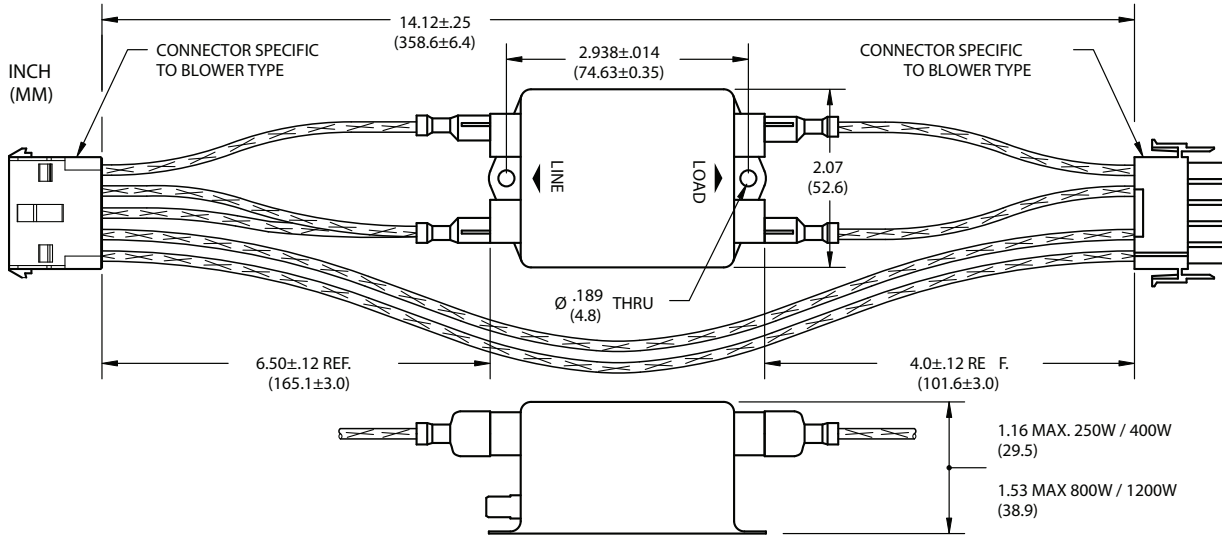


# High Voltage Brushless DC Blowers

## EMI Filter

120/240 Volt AC



		Part/ Model Number			
Specification	Units	5-90238-1	5-90239-1	5-90238-2	5-90239-2
Description	-	250 W Windjammer	400 W Windjammer	800 W Windjammer	1200 W Windjammer

Part Number	5-90238-1	5-90239-1	5-90238-2	5-90239-2
Description	Mates with 250 W Series Windjammer	Mates with 400 W Series Windjammer	Mates with 800 W Series Windjammer	Mates with 1200 W Series Windjammer
Length ("L" above) inches	2.938	2.938	2.938	2.938
Length ("L" above) mm	74.63	74.63	74.63	74.63

Line Side: Connector Termination	
Description	Wire Color
Ground	GREEN / YELLOW
AC Hot	BROWN
AC Hot	BLUE

Load Side: Connector Termination	
Description	Wire Color
Speed (LO)	BLUE
Speed (HI)	RED
Ground	GREEN / YELLOW
AC Hot	BROWN
AC Hot	BLUE

Emissions Testing	
CISPR 11, I EN 55011, I	ISM (Group I) No intentional emissions Industrial, Scientific, and Medical
CISPR 11, II EN 55011, II	ISM (Group II) intentional ISM emissions Industrial, Scientific, and Medical
CISPR 14 EN 55014	HHA Household appliances and similar apparatus
CISPR 14 EN 55014	Clicks (Discontinuous Noise) Impulsive noise due to transients; Required for all impulsive
CISPR 22 EN 55022	ITE Information Technology Equipment; Emissions testing for

Immunity Testing	
IEC 801-2 IEC 1000-4-2 EN 61000-4-2	ESD Electrostatic discharge Static from humans
IEC 801-3 IEC 1000-4-3 EN 61000-4-3	Radiated RF RF electromagnetic field Walkie talkies, transmitters, etc.
IEC 801-4 IEC 1000-4-4 EN 61000-4-4	EFT Electrical fast transient Relays and motors on and off
IEC 801-5 IEC 1000-4-5 EN 61000-4-5	Lightning on power line Surge voltage Lightning
IEC 801-6 IEC 1000-4-6 EN 61000-4-6	Conducted CW Conducted induced RF energy Power and signal lines near transmitters
IEC 1000-4-8 EN 61000-4-8	Radiated magnetic Power frequency magnetic field; Magnetic flux from power lines
IEC 1000-4-11 EN 61000-4-11	Voltage dips Drop in voltage for a short period
IEC 1000-4-11 EN 61000-4-11	Voltage interrupts Loss of power for a short period
IEC 1000-4-11 EN 61000-4-11	Voltage variations Power line voltage variations

- Primarily used with the Windjammer product line
- Excellent for meeting European application requirements
- Hard-mount option available

NOTES:  
Contact your AMETEK Sales Engineer for updates and more information on this product.

This document is for informational purposes only and should not be considered as a binding description of the products and their performance in all applications. Specific dimensions may change based on wattage.

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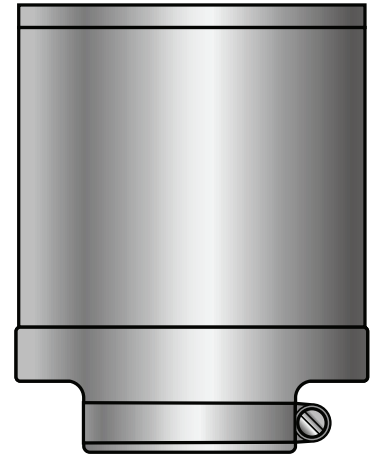
## High Voltage Brushless DC Blowers

### Variable Flow Filters

For use with AMETEK Windjammer and Nautilair Blowers

#### Filter Design Features

AMETEK Technical & Industrial Product's inlet filter is designed to protect the blower and the air distribution system from dust and other air borne particles and contaminants. The compact design, with slip fit connection; fits within the blower's diameter. Minimal pressure drop through filter. This is an ideal filter for electronic cooling, material handling, and other pressure systems. The AMETEK Windjammer blower has two models, one for each inlet diameter; the AMETEK Nautilair blower has one model, designed to fit on all five of the blowers.



Specification	Units	Part/ Model Number		
		551733	551692	551782
Pressure Drop	in. H2O	4.8	3.6	0.25
	mbar	12	9	0.6
Inlet Diameter D1	Inches	1.25	1.75	6
	mm	31.8	44.5	152.4
Flow Rate	CFM	100	180	500
	m3/hr	170	306	850
Efficiency	-	99+% @ 10 Microns	99+% @ 10 microns	97+% @ 2 microns, 99+% @ 5 microns
Description	-	Slip Fit with Pleated Polyester Media	Slip Fit with Pleated Polyester Media	Slip Fit with Pleated Polyester Media
Diameter	Inches	4.75	4.375	9.75
	mm	120.7	111.1	247.7
Height	Inches	5.75	5.75	10
	mm	146.1	146.1	254
Series	-	Windjammer	Windjammer	Nautilair

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