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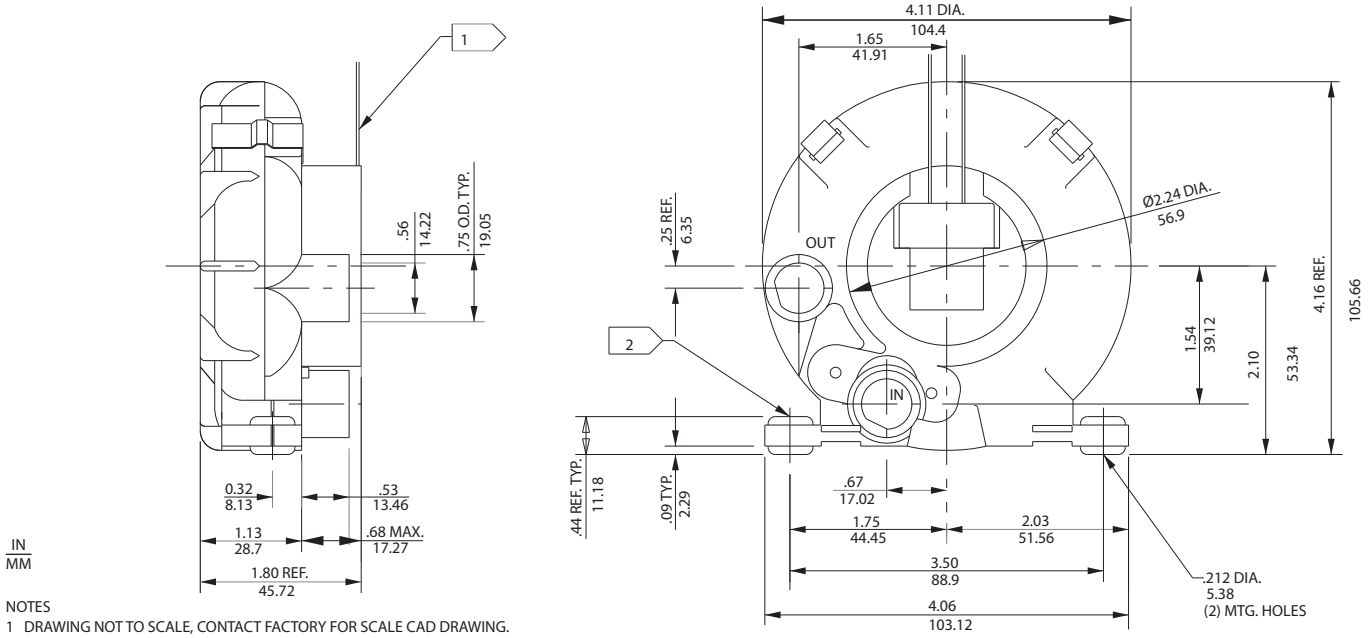
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Minispiral

ROTRON®

Insrument Grade Regenerative Blower



NOTES
1 DRAWING NOT TO SCALE, CONTACT FACTORY FOR SCALE CAD DRAWING.
2 CONTACT FACTORY FOR BLOWER MODEL LENGTHS NOT SHOWN.

		Part/Model Number			
		SE2B21	SE3B21	SE62B21	SE2B21A
Specification	Units	081901	036283	037395	080694
Phase - Frequency	-	Single-50/60 Hz	Single-50/60 Hz	-	Single-50/60 Hz
Voltage	AC	110/115	220/230	24	110/115
RPM	RPM	2850/3400	2850/3400	2850/3400	2850/3400
Insulation Class	-	B	B	B	B
Full - Load Amps	Amps (A)	.17/.14	.07/.07	-	.17/.14
Locked Rotor Amps	Amps (A)	.17/.15	.08/.08	-	.17/.15
Shipping Weight	Lbs	1.9	1.9	1.9	1.9
	Kg	0.9	0.9	0.9	0.9

[1] Maximum operating temperature: Motor winding temperature (winding rise plus ambient) should not exceed 140°C for Class F rated motors or 120°C for Class B rated motors. Blower outlet air temperature should not exceed 140°C (air temperature rise plus inlet temperature). Performance curve maximum pressure and suction points are based on a 40°C inlet and ambient temperature. Consult factory for inlet or ambient temperatures above 40°C.

[2] Maximum blower amps corresponds to the performance point at which the motor or blower temperature rise with a 40°C inlet and/or ambient temperature reaches the maximum operating temperature.

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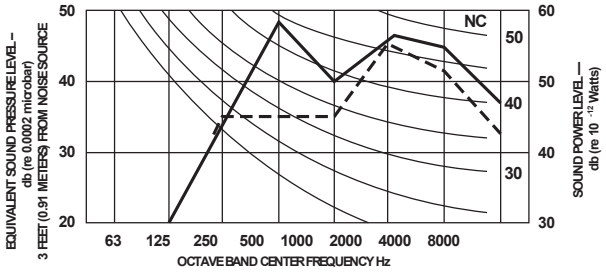
FEATURES

- Manufactured in the USA - ISO 9001 and NAFTA compliant
- Maximum flow: 3.5 SCFM
- Maximum pressure: 3.5 IWG
- Maximum vacuum: 3.5 IWG
- Maximum ambient: 40°C
- Glass filled molded phenolic blower housing, cover & impeller
- Shaded pole motor with ball bearings
- Maximum quiet operation to NC-47 (office equipment specification)
- B10 bearing life: 30,000 hours
- Weight: 1.1 lb (0.5 kg)
- Envelope size: 4.18 x 1.83 inches (106.2 x 46.5 mm)

OPTIONS

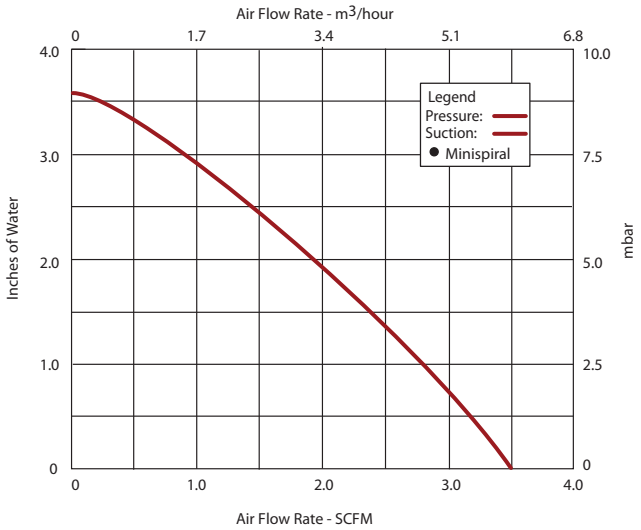
- Sealed units
- International voltage and frequency (Hz)



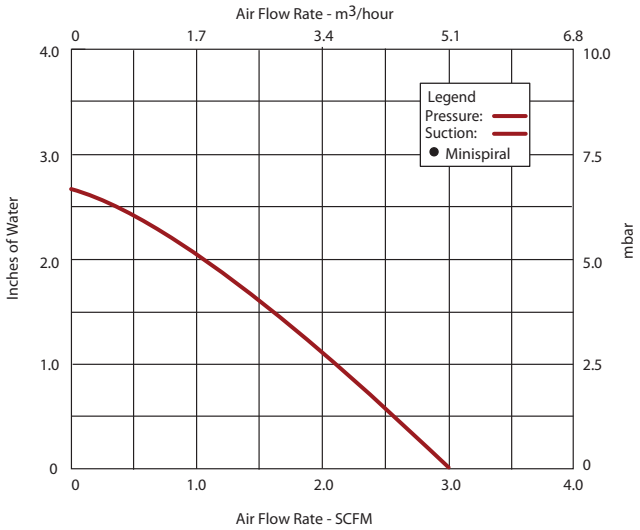


Blower Performance at Standard Conditions

60 Hz



50 Hz



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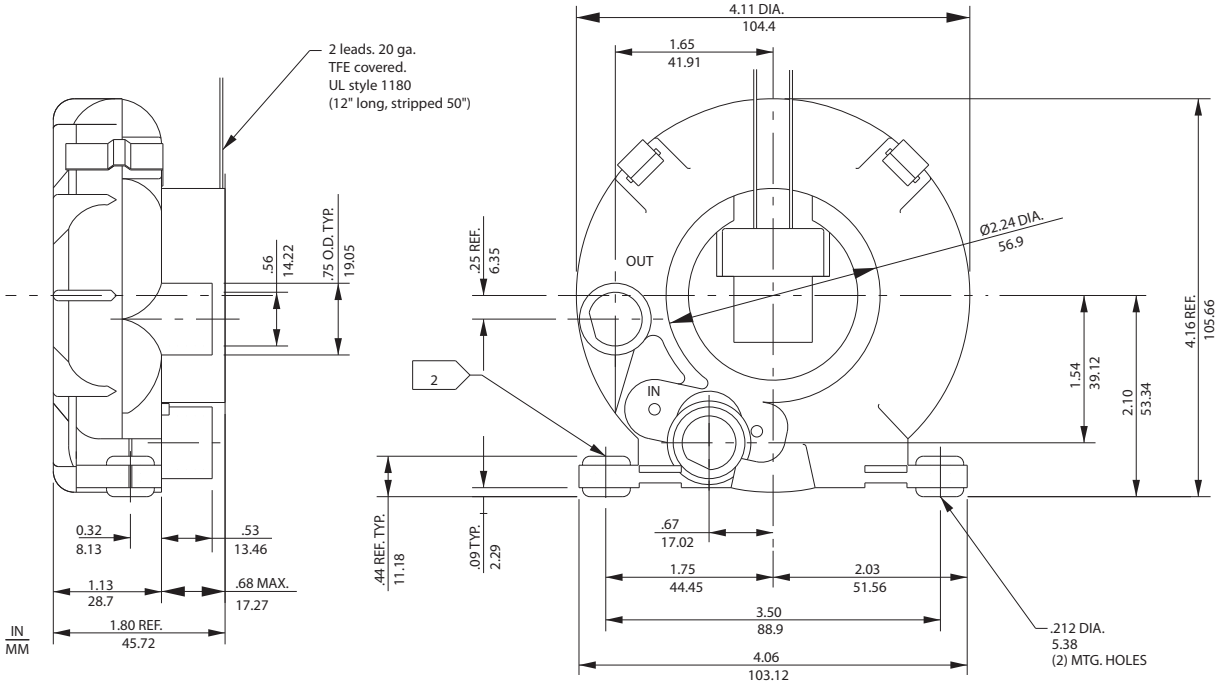
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Minispiral MDC

ROTRON®

Variable Flow Regenerative Blower



NOTES
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2 CONTACT FACTORY FOR BLOWER MODEL LENGTHS NOT SHOWN.

		Part/Model Number	
		SE12V21	SE24V21
Specification	Units	037433	037434
Voltage Range	VDC	9-15	24-32
RPM	RPM	3600-6000	5500-6800
Insulation Class	-	B	B
Full - Load Amps	Amps (A)	0.50-1.0	0.6-0.9
Weight	Lbs	0.86	0.86
	Kg	0.4	0.4

WARNING- ON MDC MODEL EXCEEDING 60 AMP MAY DAMAGE CIRCUIT BOARD

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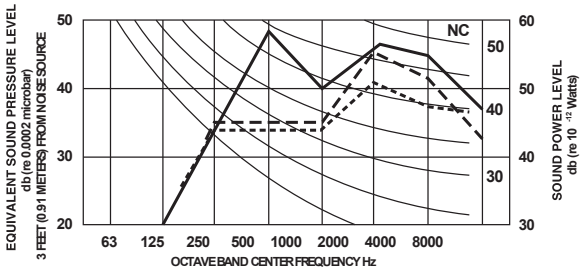
Variable Flow Regenerative Blower

FEATURES

- Manufactured in the USA - ISO 9001 and NAFTA compliant
- Maximum flow: 5.8/7.3 SCFM (15/32 volts)
- Maximum pressure: 7.0/10.3 IWG (15/32 volts)
- Maximum vacuum: 7.0/10.3 IWG (15/32 volts)
- Maximum ambient: 40°C
- Glass filled molded phenolic and aluminum blower housing, phenolic cover & impeller
- Shaded pole motor with ball bearings
- Maximum quiet operation to NC-47 (office equipment specification)
- B10 bearing life: 20,000 - 30,000 hours
- Weight: 0.86 lbs (0.39 kg)
- Envelope size: 4.18 x 1.83 inches (106.2 x 46.5 mm)

OPTIONS

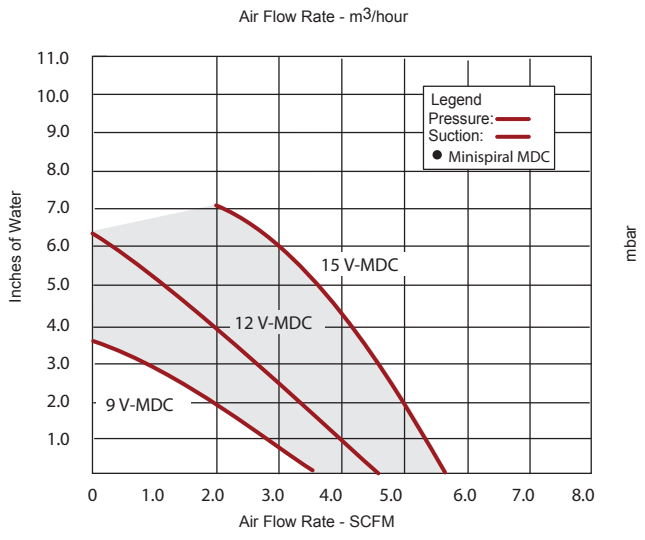
- International and application specific voltages
- Sealed blowers for contamination control
- Electronic speed control



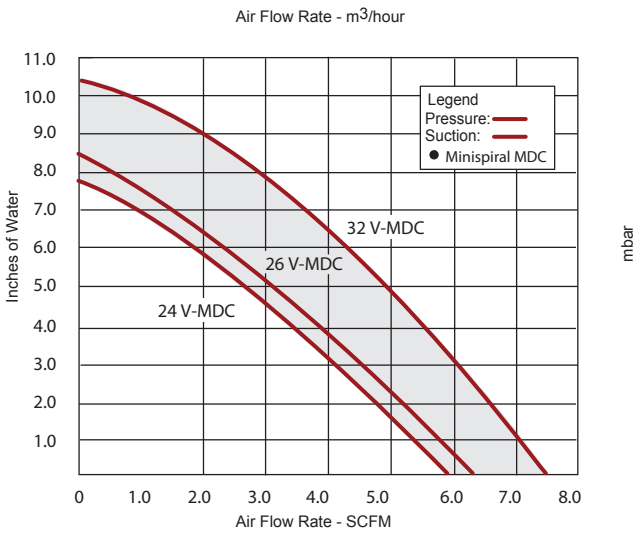


Blower Performance at Standard Conditions

12 V-MDC



24 V-MDC



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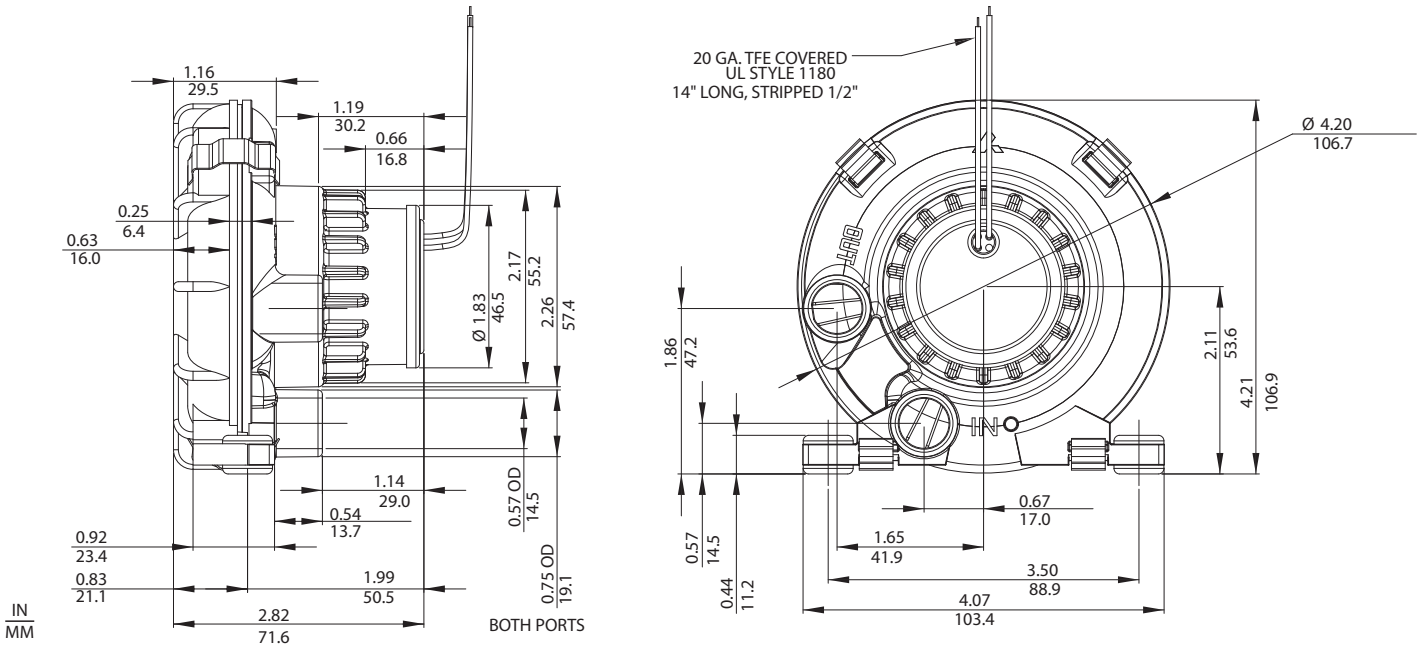
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NOTES
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2 CONTACT FACTORY FOR BLOWER MODEL LENGTHS NOT SHOWN.

		Part/Model Number	
		SE12RE21	SE24RE21
Specification	Units	081548	080847
Voltage Range	VDC	7.5-15	24-32
RPM	RPM	4400-8750	4400-8750
Insulation Class	-	B	B
Full - Load Amps	Amps (A)	1.2-2.5	1.2-1.6
Weight	Lbs	1.0	1.0
	Kg	0.5	0.5

WARNING – ON HDC MODEL MOTORS IS NOT POLARITY PROTECTED. CHECK POLARITY CAREFULLY BEFORE ENERGIZING BLOWER.

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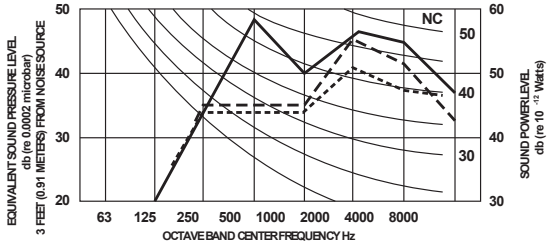
FEATURES

- Manufactured in the USA - ISO 9001 and NAFTA compliant
- 12 VDC operation: 7.5-15 VDC
- 24 VDC operation: 15-32 VDC
- Maximum flow: 8.5 SCFM (15)
- Maximum pressure: 20.7 IWG (15)
- Maximum vacuum: 20.7 IWG (15)
- Maximum ambient: 40°C
- Glass filled molded phenolic and aluminum blower housing, phenolic cover & impeller
- Brushless DC motor with integrated control electronics
- Maximum quiet operation to NC-47 (office equipment specification)
- Stainless steel ball bearings permanently lubricated for B10 bearing life: 20,000 - 30,000 hours
- Weight: 1.9 lbs (0.86 kg)
- Envelope size: 4.18 x 1.83 inches (106.2 x 46.5 mm)



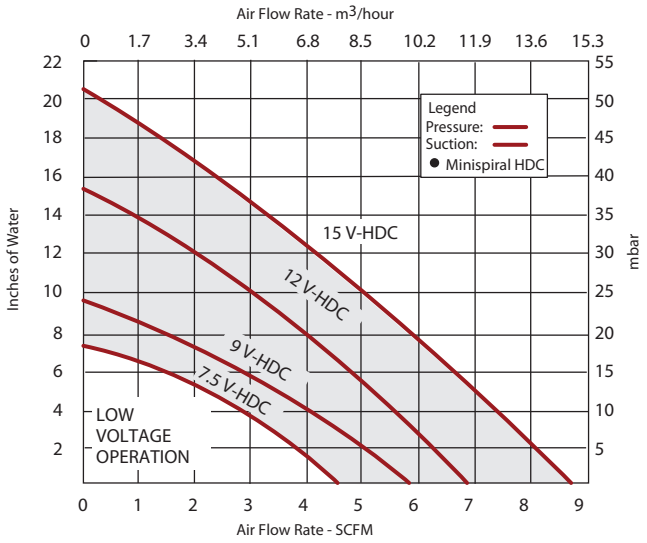
OPTIONS

- International and application specific voltages
- Sealed blowers for contamination control
- Electronic speed control
- Low voltage option
- International voltage and frequency (Hz)



Blower Performance at Standard Conditions

Minispiral HDC



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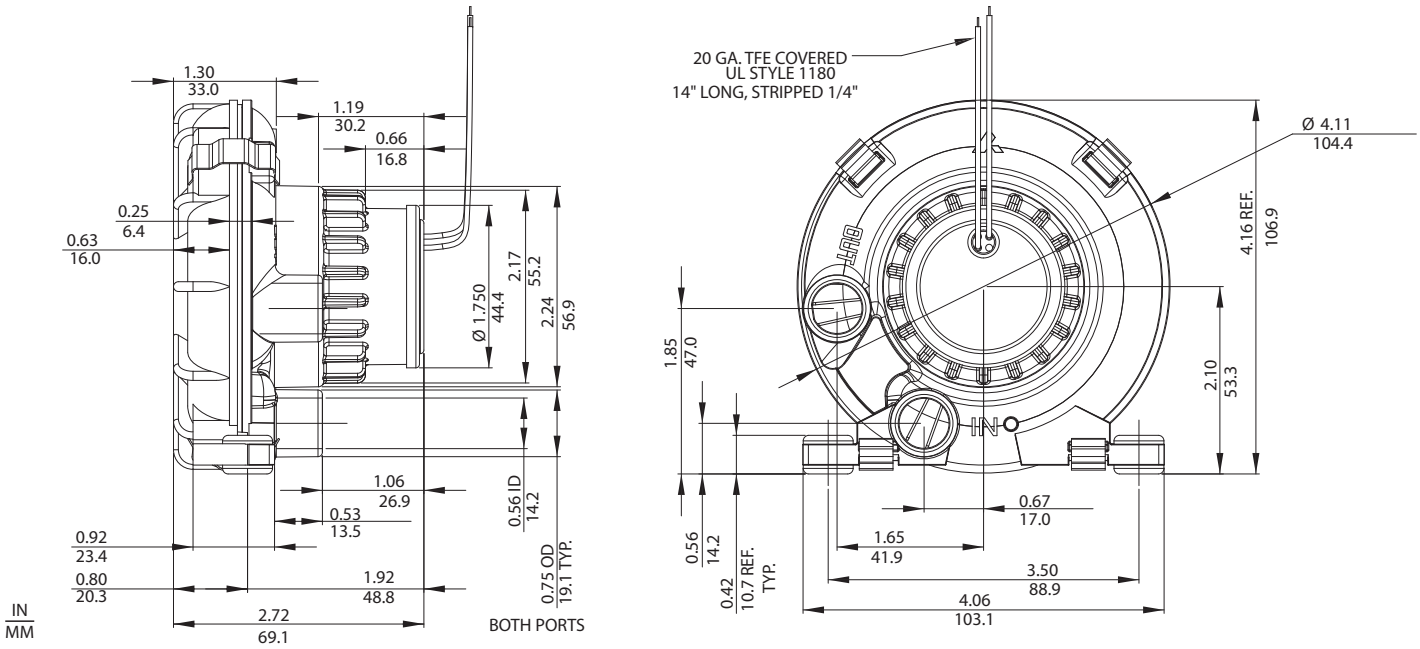
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Variable Flow Regenerative Blower



NOTES
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2 CONTACT FACTORY FOR BLOWER MODEL LENGTHS NOT SHOWN.

		Part/Model Number
		SE12RE21A
Specification	Units	081881
RPM	RPM	7397 - 13205
Voltage Range	VDC	7.5 - 15
Insulation Class	-	B
Full - Load Amps	Amps (A)	2.7 - 6.2
Weight	Lbs	2.5
	Kg	1.1

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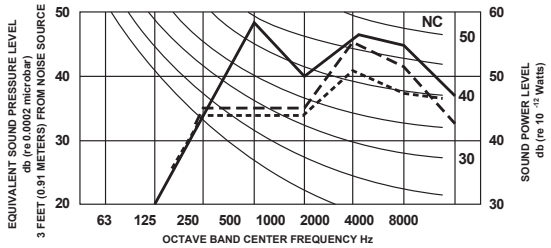
Variable Flow Regenerative Blower

FEATURES

- Manufactured in the USA - ISO 9001 and NAFTA compliant
- Maximum flow: 12.6 SCFM (15)
- Maximum pressure: 26 IWG (15)
- Maximum vacuum: 26 IWG (15)
- Maximum ambient: 40°C
- Glass filled molded phenolic blower, cover & impeller, aluminum hou
- Brushless DC motor with integrated control electronics
- Stainless steel ball bearings permanently lubricated for B10 bearing 20,000 - 30,000 hours
- Weight: 1.9 lbs (0.86 kg)
- Compact high performance design: 4.18 x 1.83 inches (106.2 x 46.5 r

OPTIONS

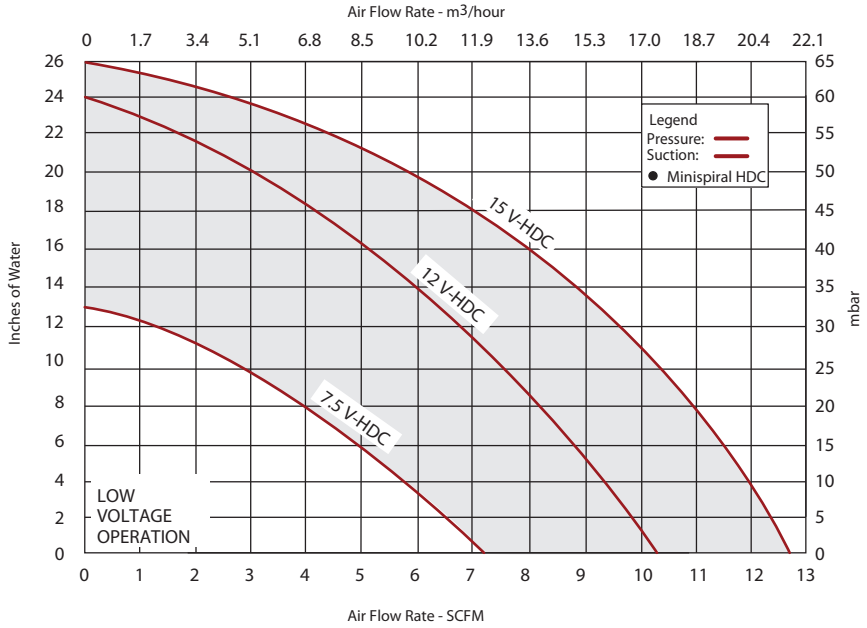
- International and application specific voltages
- Sealed blowers for contamination control
- Electronic speed control
- Low voltage option
- Speed sensing output (FPS)





Blower Performance at Standard Conditions

Minispiral HDC



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