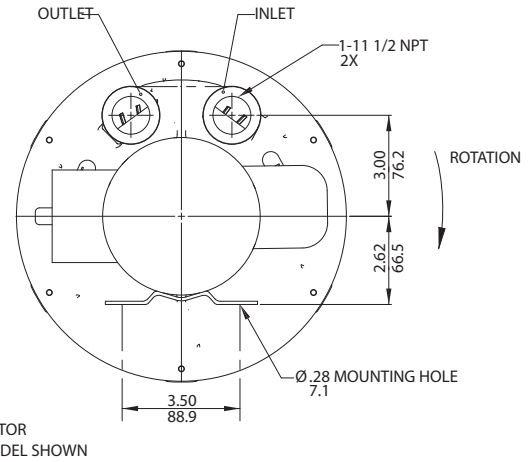
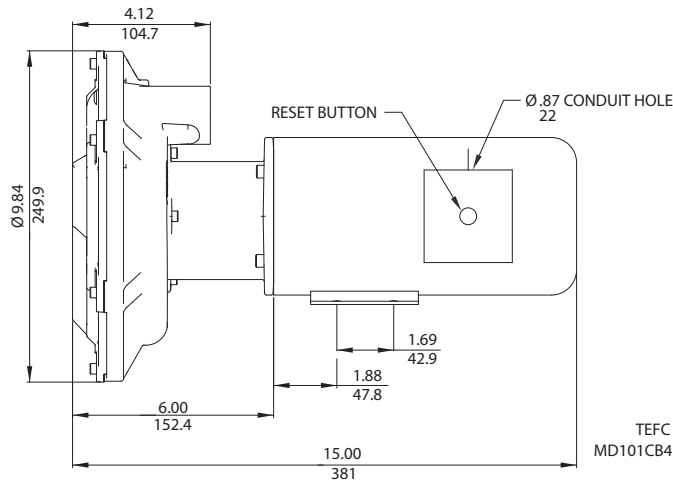


Application Specific Blowers

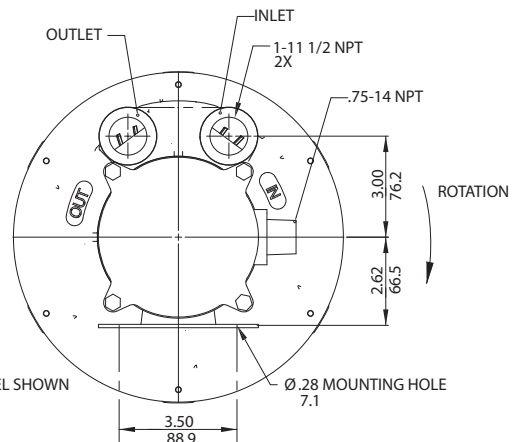
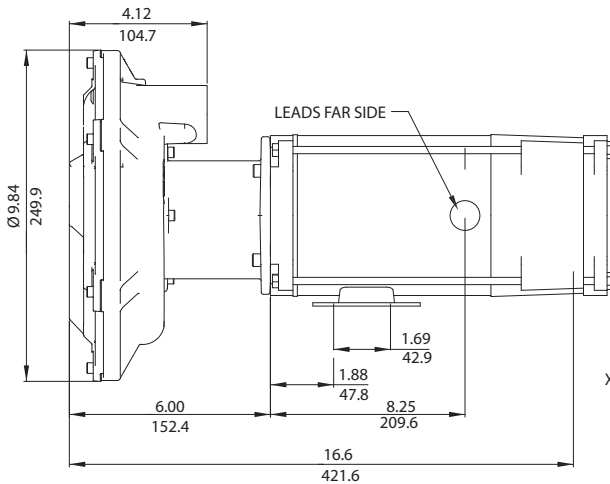
MD 101 Magnetic-Drive

Regenerative Blower

ROTRON®



TEFC MOTOR
MD101CB4 MODEL SHOWN



XP MOTOR
MD101CC4 MODEL SHOWN

NOTES

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

Specification	Units	Part/Model Number	
		MD101CB4 038014	MD101CC4 038271
Motor Enclosure - Shaft Mtl.	-	TEFC	Explosion-proof
Horsepower	-	.25	.25
Phase - Frequency Voltage	-	Single-60 hz	Single-60 hz
Motor Nameplate Amps	AC	115	115
Max. Blower Amps	Amps (A)	2.6	2.6
Locked Rotor Amps	Amps (A)	2.2	2.2
Service Factor	Amps (A)	6.4	7.2
Starter Size	-	1.0	1.0
Thermal Protection	-	00	00
XP Motor Class - Group	-	Class B - Automatic, Manual Reset	Class B - Automatic
Shipping Weight	Lbs	40	40
	Kg	18.1	18.1

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.

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AMETEK DYNAMIC FLUID SOLUTIONS
75 North Street, Saugerties, NY 12477
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www.ametekdfs.com

Application Specific Blowers

MD 101 Magnetic-Drive

Regenerative Blower

FEATURES

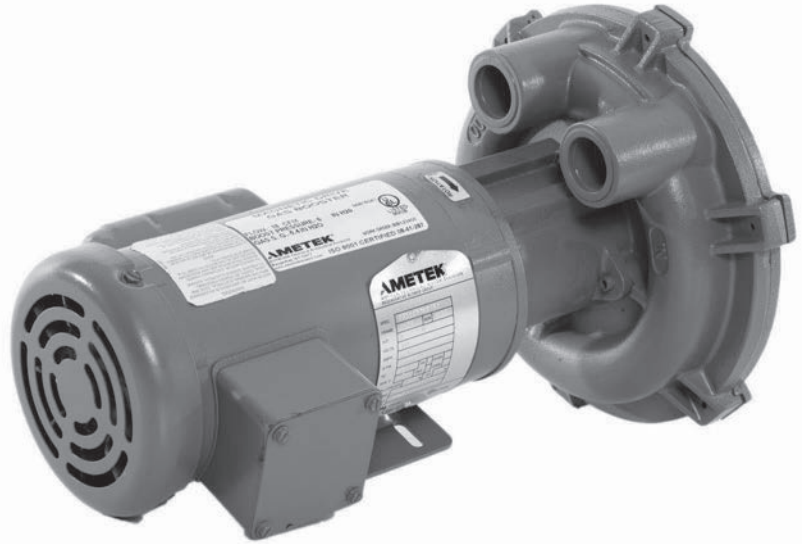
- Hermetically designed seal-less blower
- Continuous operation
- Manufactured in the USA
- Maximum flow: 27 SCFM
- Maximum pressure: 28 IWG
- Maximum vacuum: 26.5 IWG
- Standard motor: 0.25 HP, TEFC or XP
- Disconnect motor without disassembling from piping
- Cast aluminum blower housing, impeller & flanges
- Permanently sealed ball bearings in housing and motor
- Quiet operation within OSHA standards
- Contact factory for leakage specifications

BLOWER OPTIONS

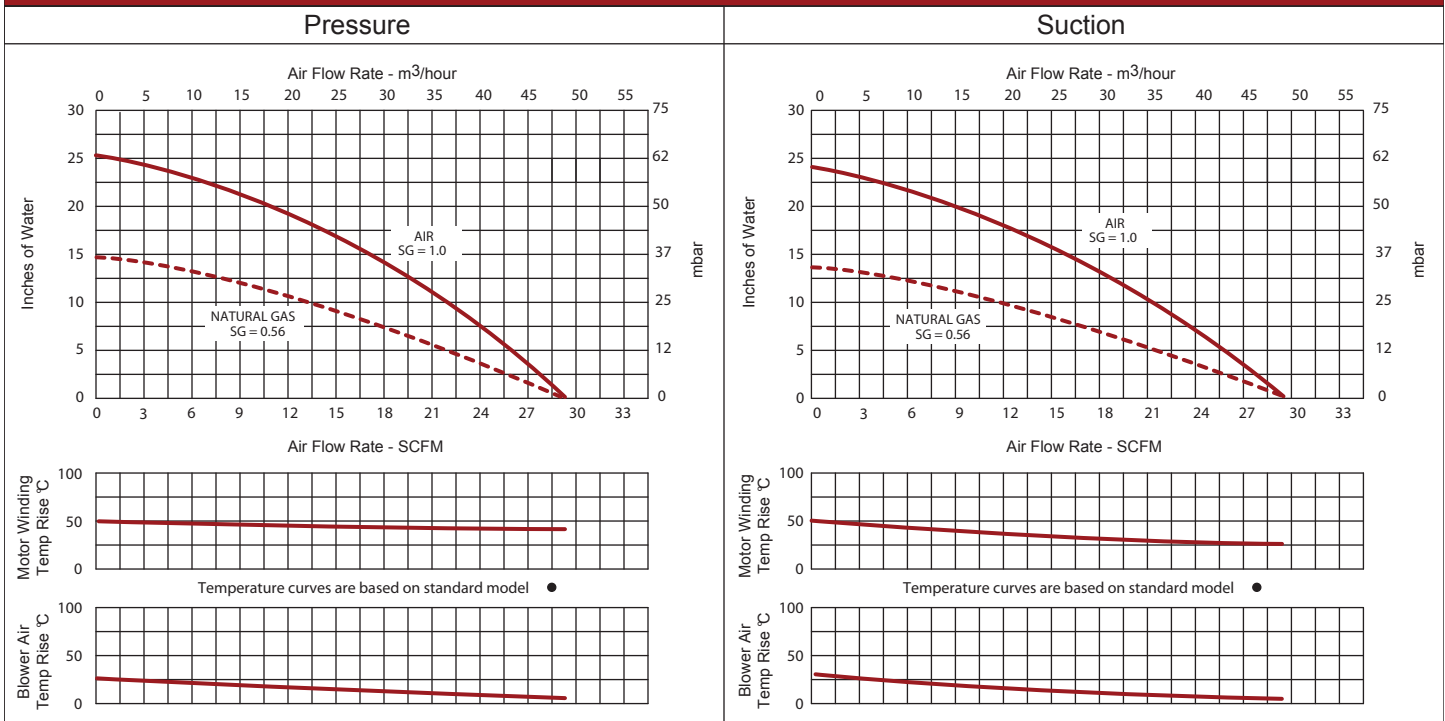
- Corrosion resistant surface treatments & sealing options

ACCESSORIES

- Flowmeters reading in SCFM
- Filters & moisture separators
- Pressure gauges, vacuum gauges, & relief valves
- External mufflers for additional silencing



Blower Performance at Standard Conditions



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