

2107 SERIES

FEATURES

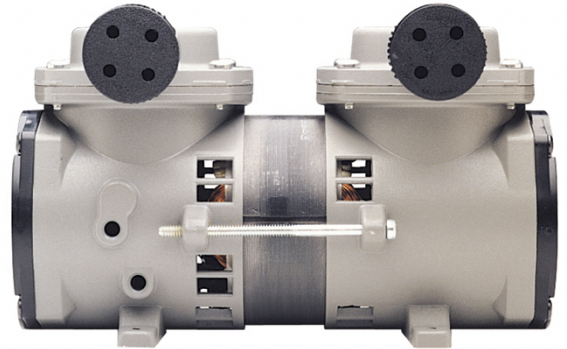
- > Oil-less operation
- > Permanently lubricated bearings
- > Stainless steel valves
- > Durable Die-cast aluminum components
- > Field service capability
- > Pressure or vacuum capability
- > Robust diaphragm pump technology
- > Integrated cooling fans for simple thermal management
- > Inlet filter/exhaust muffler
- > Designed and tested per Agency standards

TYPICAL APPLICATIONS

- > In-Vitro Diagnostics
- > Dental Equipment
- > Lab Analyzers
- > Air & Gas Samplers

BASE MODEL

- 2107CA20 (115/60/1 AC)
- 2107CD20 (220/50/1 AC)



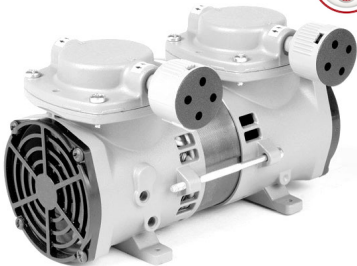
DIAPHRAGM

2107 SERIES

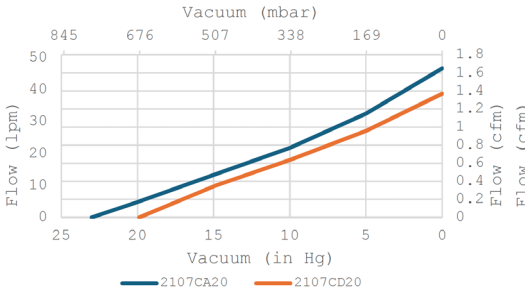
Flow	Up to 1.65 cfm (46.7 lpm)
Max. pressure	5 psi (0.3 bar)
Max. vacuum	Up to 79% local barometer



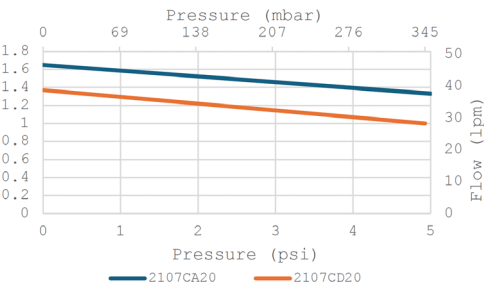
DIAPHRAGM



Vacuum Performance



Pressure Performance



NOTE: Photos for reference only. All test values are nominal and for reference only. They are not guaranteed maximum or minimum limits, nor do they imply mean or median

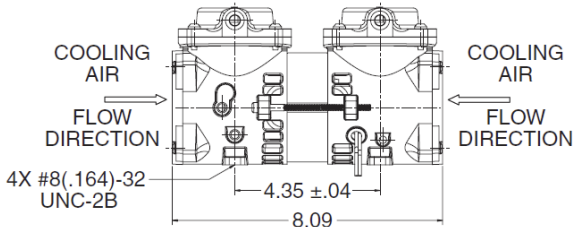
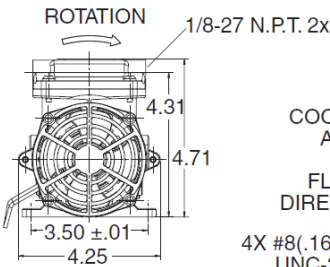
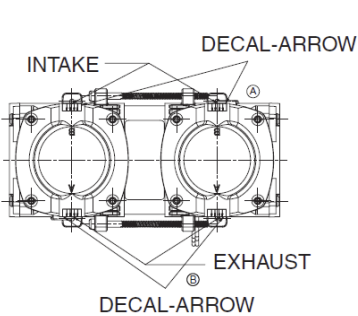
PERFORMANCE DATA		
Model Number	2107CA20	2107CD20
Head Configuration	Pressure/Vacuum	Pressure/Vacuum
Stroke	0.20 in	0.20 in
Nominal voltage input	115/60/1	220/50/1
Max. open air flow	1.65 cfm (46.7 lpm)	1.37 cfm (38.8 lpm)
Max. rated pressure	5 psi (0.3 bar)	5 psi (0.3 bar)
Current at rated pressure	1.6 A	0.8 A
Power at rated pressure	123 W	113 W
Speed at rated pressure	1524 RPM	1200 RPM
Max. pressure restart	N/A	N/A
Max. vacuum	79%	68%

ELECTRICAL DATA		
Motor type	Shaded Pole	Shaded Pole
Motor locked rotor current	1.6 A	1.3 A
Motor insulation class	B	B
Line lead wire color	White, white	Brown (hot), blue (neutral)
Lead Length	13" (33 cm)	14.5" (36.8 cm)

GENERAL DATA		
Operating ambient temperature	50° to 104°F (10°C TO 40°C)	50° to 104°F (10°C TO 40°C)
Safety certification	UR	
Net weight	6 lbs (2.7 kg)	6 lbs (2.7 kg)
Service kit	SK2107N	SK2107N

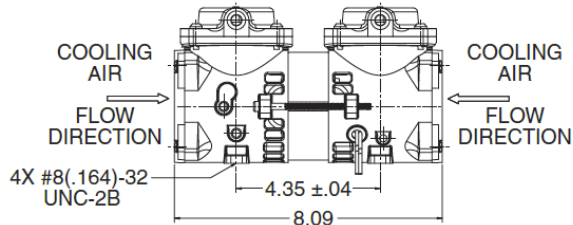
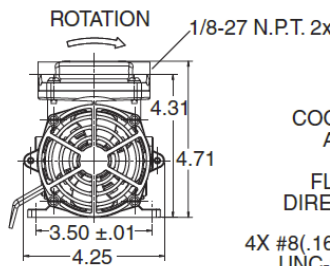
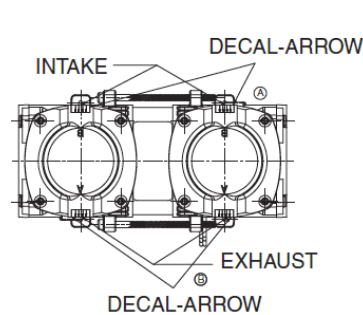
PRODUCT DIMENSIONS

Dimensions in inches
2107CA20



NOTE: ALL TAPPED PORTS ARE 1/8-27 NPT

2107CD20



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