



Diaphragm Pump

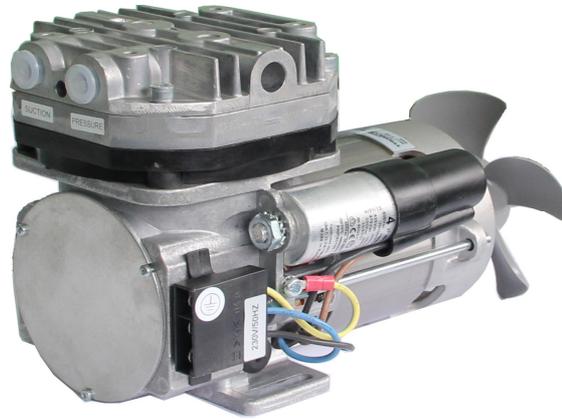
VACUUM

MODELS

8211V

82110119

82110122



PRODUCT FEATURES

- Oil-less
- Maintenance free
- Aluminium seawater resistant
- Silent(50-54 dBA)
- Low vibrations
- High performance

TYPICAL APPLICATIONS

- Autoclaves
- Analysers
- Vacuum ovens
- Rotation Evaporator
- Degassing
- Aspirators

Consult factory for custom applications

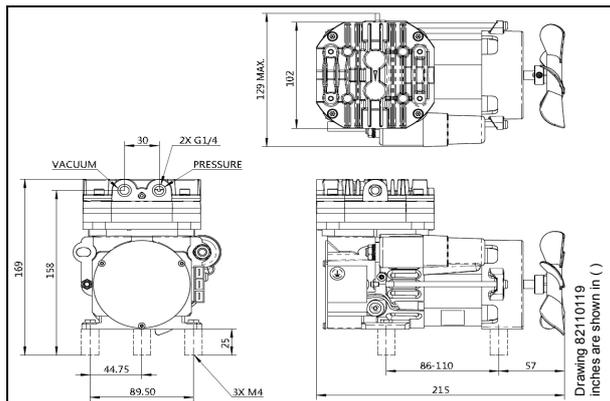
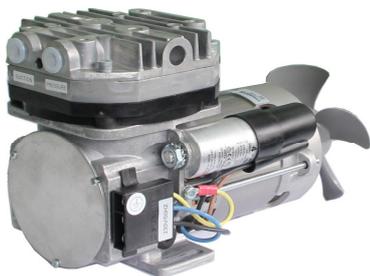
THOMAS
by Gardner Denver



Diaphragm Pump 8211V AC

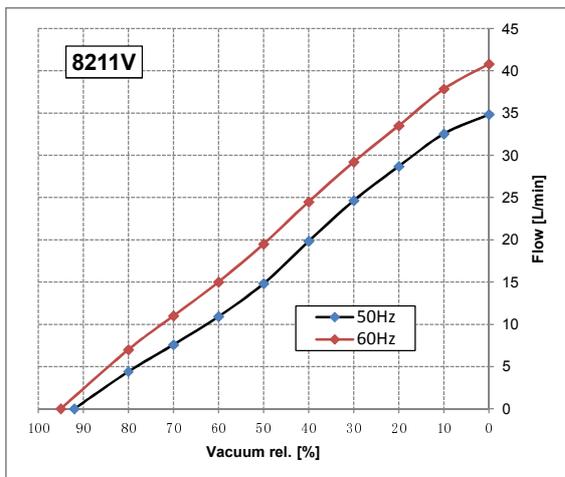


Max. Flow 40.8 l/min
Max. vacuum 95% local barometer



Model Number	82110122	82110119
Performance Data		
Description	8211V-35 AEE	8211V-35 AEE
Maximum open air flow	40.8 l/min (1.4 cfm)	34 l/min (1.2 cfm)
Maximum vacuum	95% local barometer	92% local barometer
Maximum continuous vacuum	95% local barometer	92% local barometer
Maximum vacuum restart	Ambient pressure	Ambient pressure
Electrical Data		
Motor type	Capacitor	Capacitor
Nominal voltage	100V 50/60Hz	230V/50Hz
Nominal speed	1400/1680 rpm	1400 rpm
Current consumption	1 A	0.45 A
Starting current	2.3 A	1.0 to 1.15 A
Power consumption	100 W	100 W
Protection class	IP00	IP00
Motor insulation class	F	F
Thermal switch	150°C	150°C
General Data		
Ambient temperature	15° to 40°C	15° to 40°C
Media temperature	10° to 60°C	10° to 60°C
Weight	3.5 kg	3.5 kg
Port direction	BC	BC

Flow Curves



Choice of materials	Standard	Option
Chamber+Head	Aluminium	Aluminium hard coated Heatable, optional with heating cartridge and controller
Diaphragm	EPDM	-
Valves	EPDM	FKM vapour resistant
O-Ring	EPDM	-
Model key:	8211...	Stock programme
<p>Diaphragm, Valves Chamber O-Ring 8211V - 35 AEE Type Eccentric Vacuum</p>		

8211SERIES

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The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable and is offered as an aid to help in the selection of Thomas Division products. It is the responsibility of the user to determine the suitability of the product for his intended use and the user assumes all risk and liability whatsoever in connection therewith. Thomas does not warrant, guarantee or assume any obligation or liability in connection with this information.

NOTE: Models pictured are representative of the series and do not represent a specific model number. Consult factory for detailed physical description.

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