

2668 Series

THOMAS
by Gardner Denver

FEATURES

- > Custom configured part options
- > Oil-less operation
- > Permanently lubricated bearings
- > Stainless steel valves
- > Die-cast aluminum components
- > Dynamically balanced
- > Proven WOB-L technology
- > Monolithic head
- > Field service capability
- > Thermally protected motor
- > Designed and tested per Agency standards
- > RoHS compliant

Declaration documentation available upon request

TYPICAL APPLICATIONS

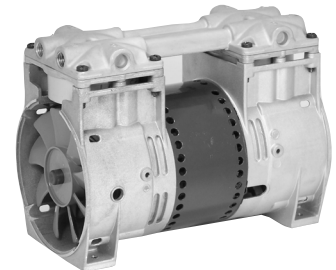
- > O₂ Concentrator
- > Blood & Laboratory Analyzers
- > Aspirators/Respirators
- > Dental & Optical Equipment
- > Industrial/Manufacturing Equipment
- > Business Equipment/Food & Beverage Equipment

BASE MODELS

2668E44XNTLSXX
(115/60/1)

2668N44XNTLSXX
(220-240/50/60/1)

2668S44XNTLSXX
(100/50/60/1)



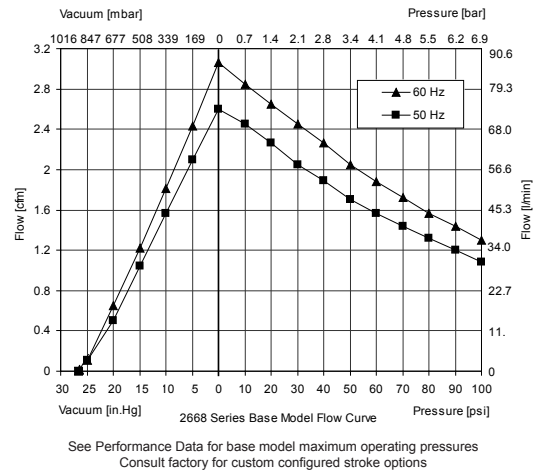
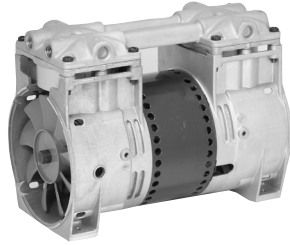
WOB-L

2668 Series

Flow	3.1 cfm (87.8 l/min)
Max. pressure	100 psi (6.9 bar)
Max. vacuum	93% local barometer

CONFIGURED OPTIONS

- > Stroke
- > Pump restart
- > Head port thread
- > Foot tap thread
- > Electrical cord
- > Fan guard
- > Protective cotating



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

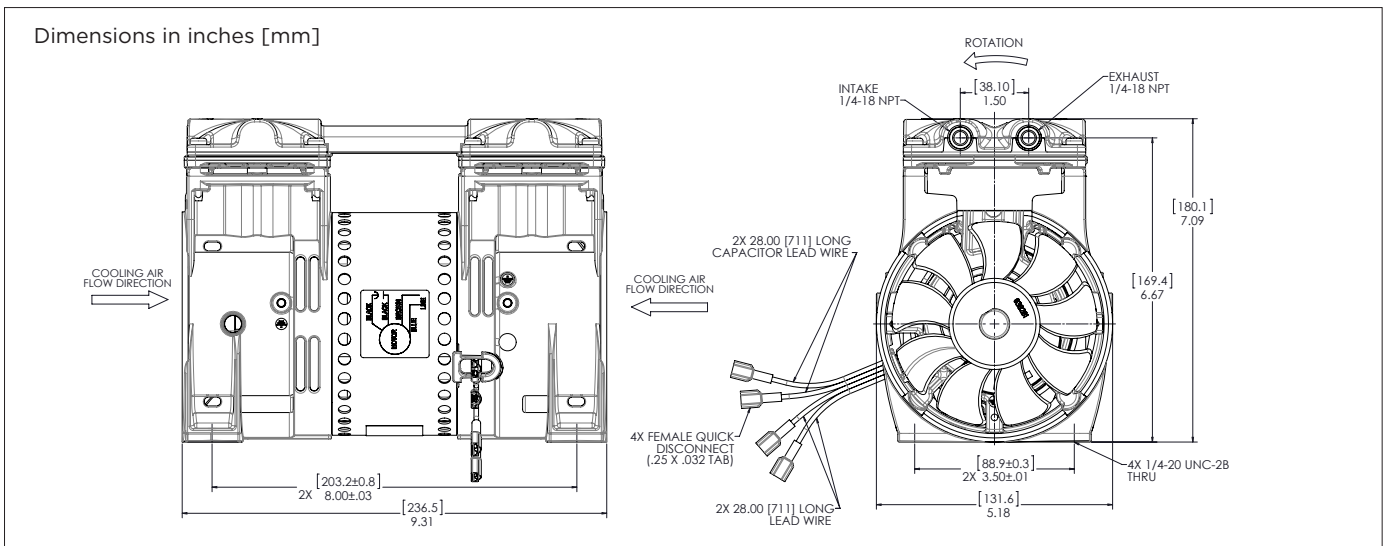
PERFORMANCE DATA	T10-0138	T10-0142		10-0140	
Model Number	2668E44XNTLSXX	2668N44XNTLSXX		2668S44XNTLSXX	
Head Configuration	Pressure/vacuum parallel flow	Pressure/vacuum parallel flow		Pressure/vacuum parallel flow	
Stroke	0.44 in. (11.2 mm)	0.44 in. (11.2 mm)		0.44 in. (11.2 mm)	
Nominal voltage input	115/60/1	230/50/1	230/60/1	100/50/1	100/60/1
Max. open air flow	3.1 cfm (87.8 l/min)	2.6 cfm (73.6 l/min)	3.1 cfm (87.8 l/min)	2.6 cfm (73.6 l/min)	3.1 cfm (87.8 l/min)
Max. rated pressure	100 psi (6.9 bar)	100 psi (6.9 bar)	100 psi (6.9 bar)	100 psi (6.9 bar)	40 psi (2.8 bar)
Current at rated pressure	4.5A	1.8A	2.1A	4.6A	4.3A
Power at rated pressure	489W	408W	449W	430W	432W
Speed at rated pressure	1699 rpm	1406 rpm	1676 rpm	1400 rpm	1689 rpm
Max. pressure restart	Consult factory	Consult factory		Consult factory	
Max. vacuum	93% local barometer	93% local barometer		93% local barometer	
Max. vacuum restart	Consult factory	Consult factory		Consult factory	

ELECTRICAL DATA	T10-0138		T10-0142		10-0140	
Motor type (Capacitance)	P.S.C. [15 µF]		P.S.C. [15 µF]		P.S.C. [20 µF]	
Motor locked rotor current	16.2A		5.9A	5.6A	10.9A	10.5A
Motor insulation class	B		B		B	
Thermal switch (Open temperature)	Yes [293°F (145°C)]		Yes [275°F (135°C)]		Yes [293°F (145°C)]	
Lead wire color, gauge	Brown(hot), blue(neutral), 18 AWG		Brown(hot), blue(neutral), 18 AWG		Brown(hot), blue(neutral), 18 AWG	
Capacitor lead wire color, gauge	Black, black, 18 AWG		Red, red, 18 AWG		Black, black, 18 AWG	

GENERAL DATA	T10-0138		T10-0142		10-0140	
Operating ambient temperature*	50° to 104°F (10°C TO 40°C)		50° to 104°F (10°C TO 40°C)		50° to 104°F (10°C TO 40°C)	
Safety Certification	cRUus		TUV		None	
Net weight	16.3 lbs (7.4 kg)		16.3 lbs (7.4 kg)		16.3 lbs (7.4 kg)	

* Broader ambient operating ranges may be possible depending on your specific application. Please consult factory regarding your particular system needs.

PRODUCT DIMENSIONS



PUMP AND COMPRESSOR SOLUTIONS FOR OEMS WORLDWIDE

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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 products. It is the responsibility of the user to determine the suitability of the product for the intended use and the user assumes all risk and liability in connection there with. Thomas does not warrant, guarantee or assume any obligation or liability in connection with this information.

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