2668 SERIES

PRESSURE/VACUUM

(HIGH PRESSURE)

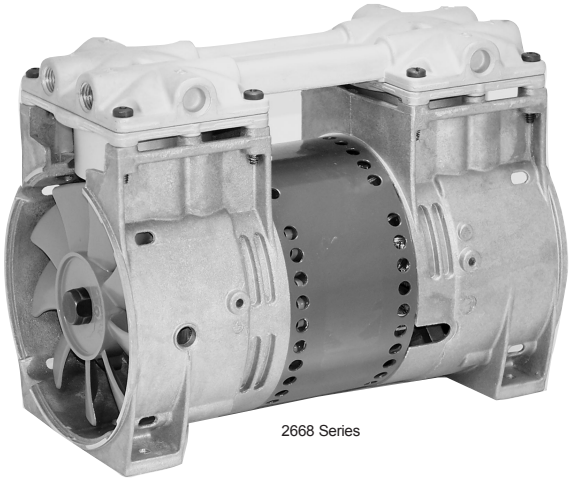
BASE MODELS

AC Voltage

2668E44XNTLSXX
(115/60/1)

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

2668S44XNTLSXX
(100/50/60/1)



2668 Series

CUSTOM CONFIGURED OPTIONS

AC Voltage

- Stroke (Flow and/or pressure)
- Pump restart
- Head port thread
- Foot tap thread
- Electrical cord
- Piston seal
- Fan guard
- Protective coating

FEATURES (BENEFITS)

- Oil-less operation (Clean air stream, less maintenance)
- Permanently lubricated bearings (Optimum life)
- Stainless steel valves (Optimum life, consistent performance, corrosion resistance)
- Die-cast aluminum components (Strong, lightweight, durable)
- Dynamically balanced (Low operating vibration)
- Proven WOB-L® technology (Optimum life)
- Monolithic head (Fewer parts, eliminates potential leak paths)
- Field service capability (Maximum return on investment)
- Thermally protected motor (Fail-safe operation)
- Designed and tested per Agency standards (Fail-safe operation)
- Inlet filter/exhaust muffler (Quiet, clean operation)
- RoHS compliant (Green, eco-friendly)

Declaration documentation for applicable models available upon request

AFTERMARKET SERVICE KITS

SK2668

Qualified OEM designers should consult factory for purchase or custom configurations

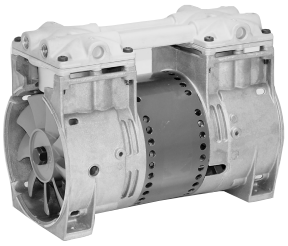
Thomas Division is an ISO 9001 registered company

THOMAS
A Gardner Denver Product

WOB-L® 2668 Series Base Models

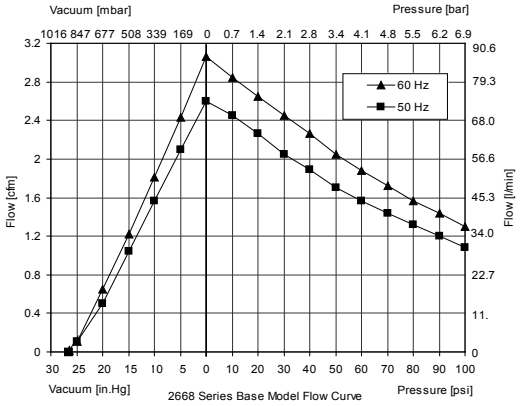
THOMAS
A Gardner Denver Product

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



OIL-LESS

Note: Supplied capacitor mounted remotely.



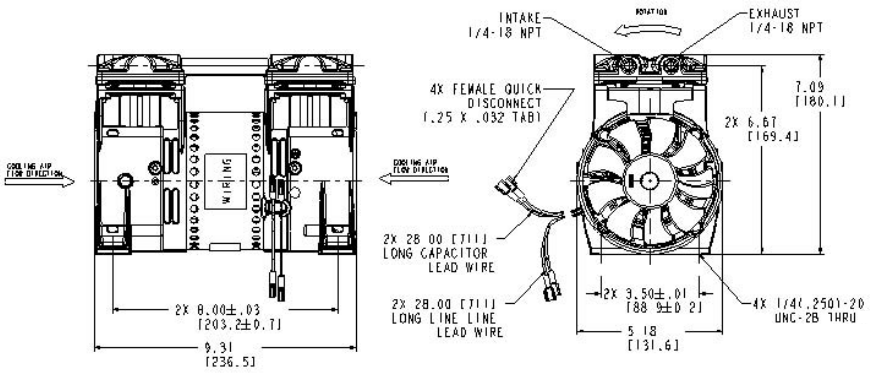
2668 Series Base Model Flow Curve

See Performance Data for base model maximum operating pressures
Consult factory for custom configured stroke options

Model Number	**2668E44XNTLSXX**	**2668N44XNTLSXX**	**2668S44XNTLSXX**
Performance Data			
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/frequency	115V 60Hz	220-240V 50/60Hz	100V 50/60Hz
Maximum open air flow	3.1 cfm (87.8 l/min)	2.6/3.1 cfm (73.6/87.8 l/min)	2.6/3.1 cfm (73.6/87.8 l/min)
Maximum operating pressure	100 psi (6.9 bar)	100/100 psi (6.9/6.9 bar)	100/40 psi (6.9/2.8 bar)
Current at rated pressure	4.5A	1.8/2.1A	4.6/4.3A
Power at rated pressure	489W	408/449W	430/432W
Speed at rated pressure	1699 rpm	1406/1676 rpm	1400/1689 rpm
Maximum pressure restart	Consult factory	Consult factory	Consult factory
Maximum vacuum	93% local barometer	93% local barometer	93% local barometer
Maximum vacuum restart	Consult factory	Consult factory	Consult factory
Electrical Data			
Motor type [Capacitance]	P.S.C. [15 µF]	P.S.C. [15 µF]	P.S.C. [20 µF]
Motor in-rush current	16.2A	5.9/5.6A	10.9/10.5A
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)]
Line lead wire color, gauge	Brown(hot), blue(neutral), 18 AWG	Brown(hot), blue(neutral), 18 AWG	Brown(hot), blue(neutral), 18AWG
Capacitor lead wire color, gauge	Black, black, 18 AWG	Red, red, 18 AWG	Black, black, 18 AWG
General Data			
Operating ambient air temperature	50° to 104°F (10° to 40°C)	50° to 104°F (10° to 40°C)	50° to 104°F (10° to 40°C)
Safety certification	UL, CSA	TUV	None
Net weight	16.3 lbs (7.4 kg)	16.3 lbs (7.4 kg)	16.3 lbs (7.4 kg)

Product Dimensions

Dual Dimensions: in[mm]



2668 SERIES

2668 SERIES

Form No. 850-4007 01/15

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 its intended use and the user assumes all risk and liability whatsoever in connection therewith. Thomas Division 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.