



# 668 SERIES

## PRESSURE/VACUUM (HIGH PRESSURE)

### BASE MODELS

#### AC Voltage

**668E44XNTLSXX**

(115/60/1)

**668N44XNTLSXX**

(220-240/50/60/1)

**668S44XNTLSXX**

(100/50/60/1)

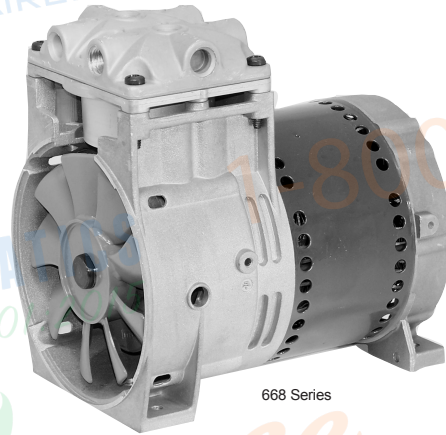
### CUSTOM CONFIGURED OPTIONS

#### AC Voltage

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

### AFTERMARKET SERVICE KITS

**SK668**



668 Series

### 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)
- Field service capability (Maximum return on investment)
- Thermally protected motor (Fail-safe operation) AC Series
- 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

**Qualified OEM designers should  
consult factory for purchase or custom configurations**

Thomas Division is an ISO 9001 registered company

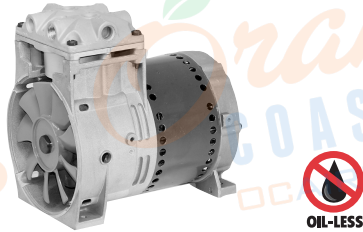
**THOMAS**  
A Gardner Denver Product



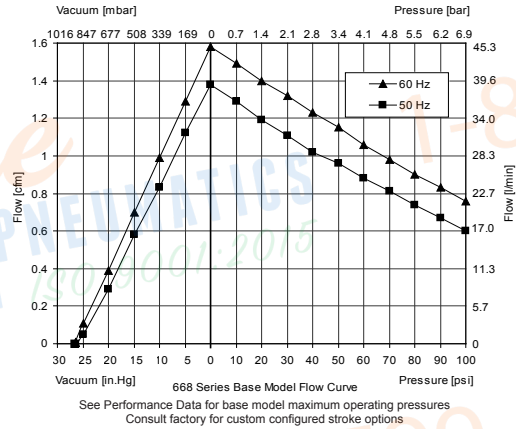
# WOB-L® 668 Series Base Models



**Max. flow** 1.6 cfm (45.3 l/min)  
**Max. pressure** 100 psi (6.9 bar)  
**Max. vacuum** 93% local barometer



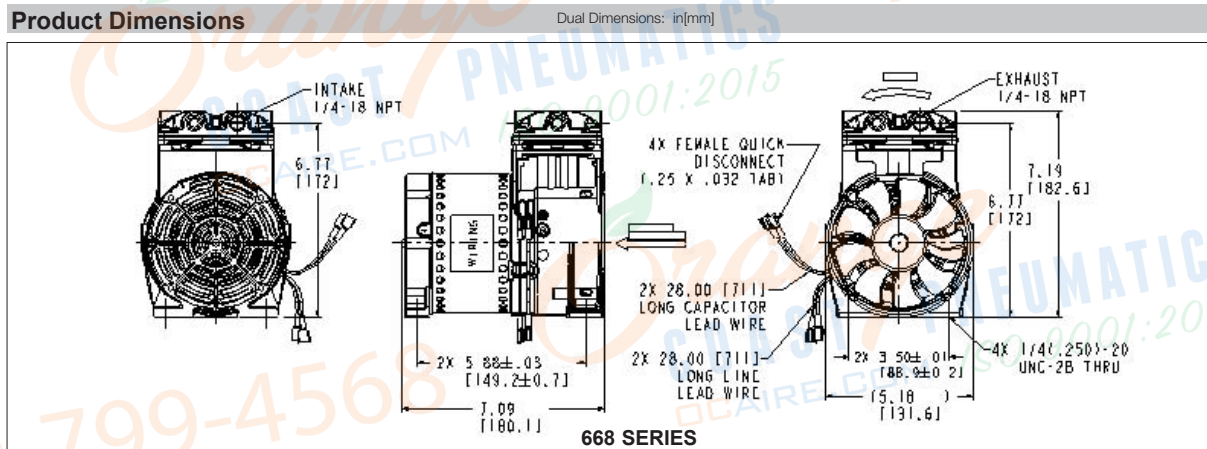
Note: Supplied capacitor mounted remotely.



Model Number	668E44XNTLSXX	668N44XNTLSXX	668S44XNTLSXX
<b>Performance Data</b>			
Head configuration	Pressure/vacuum	Pressure/vacuum	Pressure/vacuum
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	1.6 cfm (45.3 l/min)	1.4/1.6 cfm (39.6/45.3 l/min)	1.4/1.6 cfm (39.6/45.3 l/min)
Maximum operating pressure	100 psi (6.9 bar)	100/100 psi (6.9/6.9 bar)	100/100 psi (6.9/6.9 bar)
Current at rated pressure	3.3A	1.6/1.2A	4.7/2.9A
Power at rated pressure	309W	326/268W	335/272W
Speed at rated pressure	1729 rpm	1355/1690 rpm	1398/1712 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	668E44XNTLSXX	668N44XNTLSXX	668S44XNTLSXX
Motor type [Capacitance]	P.S.C. [15 µF]	P.S.C. [8 µF]	P.S.C. [15 µF]
Motor in-rush current	12.0A	4.4/4.0A	12.0/11.0A
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), 18 AWG
Capacitor lead wire color, gauge	Red, red, 18 AWG	Red, red, 18 AWG	Red, red, 18 AWG

General Data	668E44XNTLSXX	668N44XNTLSXX	668S44XNTLSXX
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	Consult factory
Net weight	13.3 lbs (6.0 kg)	13.3 lbs (6.0 kg)	13.3 lbs (6.0 kg)



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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 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.