



660 SERIES

PRESSURE/VACUUM (HIGH FLOW)

BASE MODELS

AC Voltage

660E48XNTLSXX

(115/60/1)

660N48XNTLSXX

(220-240/50/60/1)

660S48XNTLSXX

(100/50/60/1)

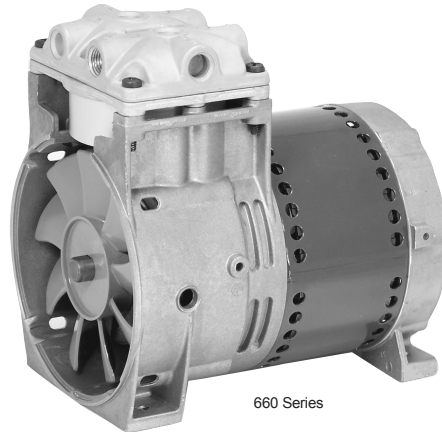
CUSTOM CONFIGURED OPTIONS

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

SK660



660 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

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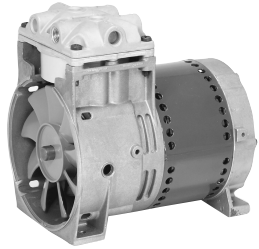
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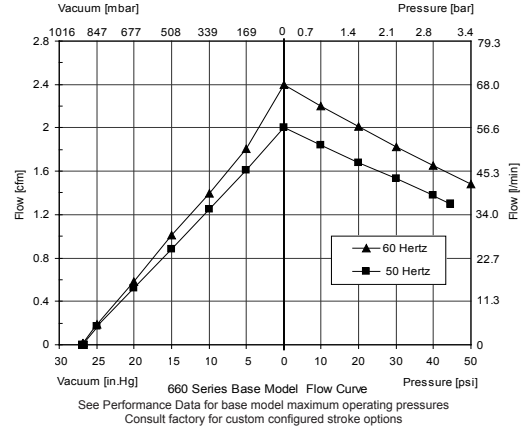
WOB-L® 660 Series Base Models



Max flow 2.4 cfm (68.0 l/min)
Max. pressure 50 psi (3.4 bar)
Max. vacuum 92% local barometer



Note: Supplied capacitor mounted remotely.

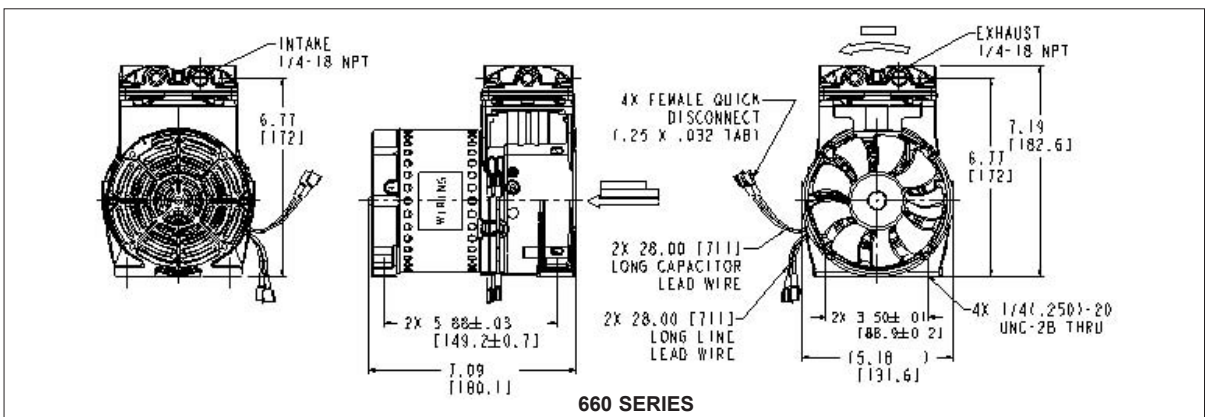


Model Number	660E48XNTLSXX	660N48XNTLSXX	660S48XNTLSXX
Performance Data			
Head configuration	Pressure/vacuum	Pressure/vacuum	Pressure/vacuum
Stroke	0.48 in (12.2 mm)	0.48 in (12.2 mm)	0.48 in (12.2 mm)
Nominal voltage/frequency	115V 60Hz	220-240V 50/60Hz	100V 50/60Hz
Maximum open air flow	2.4 cfm (68.0 l/min)	2.0/2.4 cfm (56.6/68.0 l/min)	2.0/2.4 cfm (56.6/68.0 l/min)
Maximum operating pressure	45 psi (3.1 bar)	45/50 psi (3.1/3.4 bar)	30/50 psi (3.1/3.4 bar)
Current at rated pressure	4.0A	1.7/1.7A	4.8/3.9A
Power at rated pressure	385W	380/372W	348/365W
Speed at rated pressure	1746 rpm	1312/1657 rpm	1441/1704 rpm
Maximum pressure restart	Consult factory	Consult factory	Consult factory
Maximum vacuum	92% local barometer	92% local barometer	92% local barometer
Maximum vacuum restart	Consult factory	Consult factory	Consult factory

Electrical Data	660E48XNTLSXX	660N48XNTLSXX	660S48XNTLSXX
Motor type [Capacitance]	P.S.C. [20 µF]	P.S.C. [10 µF]	P.S.C. [20 µF]
Motor in-rush current	18.5A	4.3/3.9A	15.5/15.0A
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	Black, black, 18 AWG	Red, red, 18 AWG	Black, black, 18 AWG

General Data	660E48XNTLSXX	660N48XNTLSXX	660S48XNTLSXX
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	14.4 lbs (6.5 kg)	13.5 lbs (6.1 kg)	14.4 lbs (6.5 kg)

Product Dimensions



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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.