2660 Series

THOMAS
by Gardner Denver

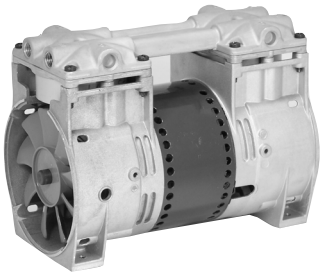
FEATURES

> 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

BASE MODELS

2660E48XNTLSXX
(115/60/1)
2660N48XNTLSXX
(220-240/50/60/1)
2660S48XNTLSXX
(100/50/60/1)



TYPICAL APPLICATIONS

> O_2 Concentrator
> Blood & Laboratory Analyzers
> Aspirators/Respirators
> Dental & Optical Equipment
> Industrial/Manufacturing Equipment
> Business Equipment/Food & Beverage Equipment



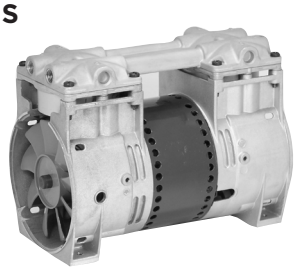
WOB-L

2660 Series

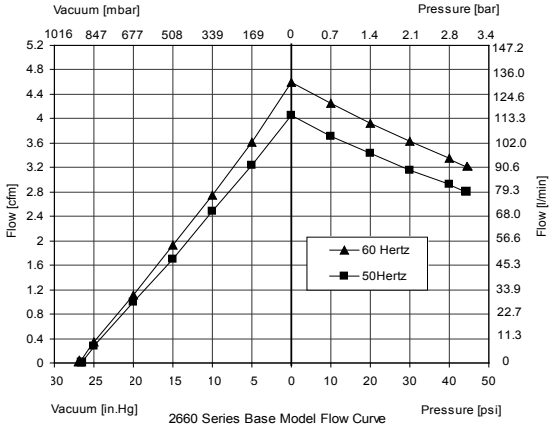
Flow	4.6 cfm (130.3 l/min)
Max. pressure	45 psi (3.1 bar)
Max. vacuum	92% local barometer

CONFIGURED OPTIONS

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



Oil-less



2660 Series Base Model Flow Curve

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

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	T10-0151	T10-0153		T10-0152	
Model Number	2660E48XNTLSXX	2660N48XNTLSXX		2660S48XNTLSXX	
Head Configuration	Pressure/vacuum parallel flow	Pressure/vacuum parallel flow		Pressure/vacuum parallel flow	
Stroke	0.48 in. (12.2 mm)	0.48 in. (12.2 mm)		0.48 in. (12.2 mm)	
Nominal voltage input	115/60/1	230/50/1	230/60/1	100/50/1	100/60/1
Max. open air flow	4.6 cfm (130.3 l/min)	4.0 cfm (113.3 l/min)	4.6 cfm(130.3 l/min)	4.0 cfm (113.3 l/min)	4.6 cfm(130.3 l/min)
Max. rated pressure	40 psi (2.8 bar)	45 psi (3.1 bar)	40 psi (2.8 bar)	25 psi (1.7 bar)	20 psi (1.4 bar)
Current at rated pressure	5.3A	2.5A	2.7A	4.5A	4.4A
Power at rated pressure	608W	523W	604W	421W	432W
Speed at rated pressure	1675 rpm	1409 rpm	1682 rpm	1436 rpm	1695 rpm
Max. pressure restart	Consult factory	Consult factory		Consult factory	
Max. vacuum	92% local barometer	92% local barometer		92% local barometer	
Max. vacuum restart	Consult factory	Consult factory		Consult factory	

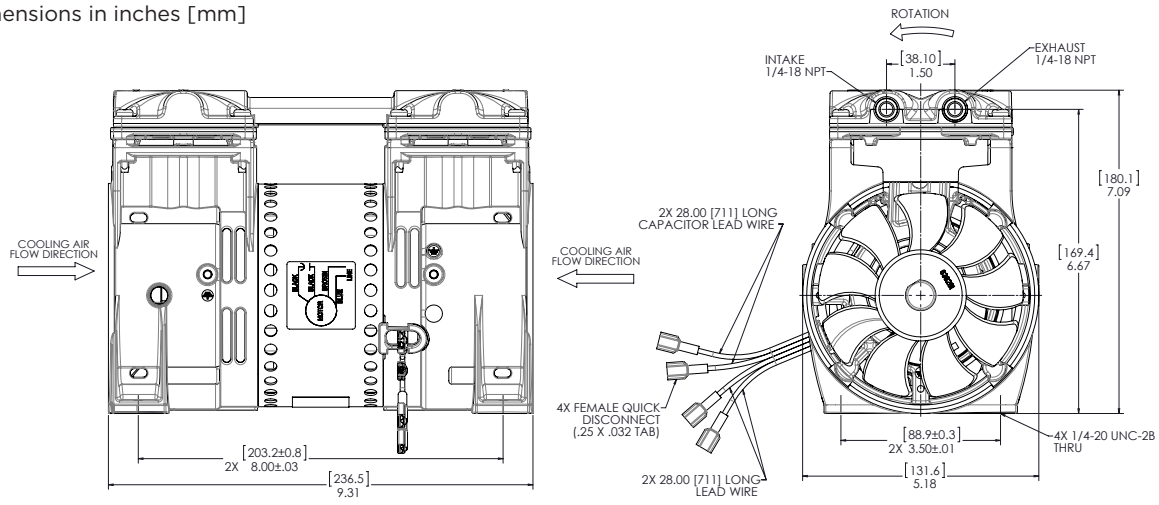
ELECTRICAL DATA					
Motor type (Capacitance)	P.S.C. [25 µF]	P.S.C. [15 µF]		P.S.C. [25 µF]	
Motor locked rotor current	18.0A	9.3A	8.3A	15.0A	14.5A
Motor insulation class	B	B		B	
Thermal switch (Open temperature)	Yes [293°F (145°C)]	Yes [248°F (120°C)]		Yes [293°F (145°C)]	
Lead wire color, gauge	Brown(hot), 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			
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	17.6 lbs (8.0 kg)	17.1 lbs (7.8 kg)	17.6 lbs (8.0 kg)

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

PRODUCT DIMENSIONS

Dimensions in inches [mm]



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