2680 World Wide Voltage Series

THOMAS
by Gardner Denver

FEATURES

> World wide voltage/frequency operation
> Oil-less operation
> Stainless steel valving components
> Epoxy coated wetted parts
> Aluminum die-cast components
> Proven WOB-L technology
> High performance tapered piston seals
> Thermally protected motor
> Lightweight, impact resistant fan guards
> Internal 9 blade cooling air flow fans
> Designed and tested per Agency standards
> RoHS & REACH compliant
> Field serviceable

Declaration documentation available upon request

BASE MODEL

2680CWW40
(100-127/50/60/1 & 200-240/50/60/1)



TYPICAL APPLICATIONS

> Blood & Laboratory Analyzers
> Respirators/Respiratory Therapy
> Medical/Dental/Optical Equipment
> Industrial/Manufacturing Equipment
> Business Equipment/Food & Beverage Equipment



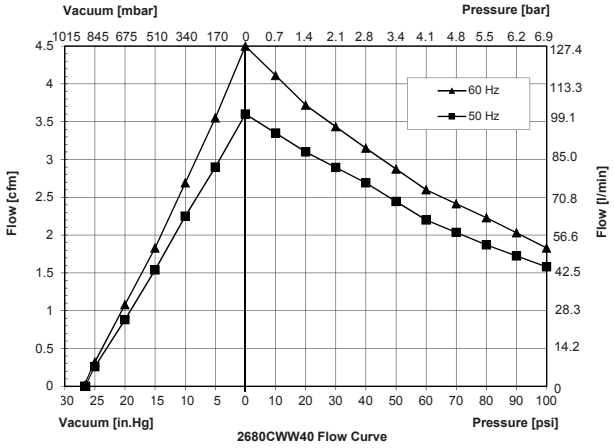
WOB-L

2680 World Wide Voltage Series

Flow	**4.5 cfm (127 l/min)**
Max. pressure	100 psi (6.9 bar)
Max. vacuum	**92% local barometer**



Oil-less



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 T17-0418				
Model Number	2680CWW40			
Head configuration	Pressure or vacuum parallel flow			
Stroke	0.40 in. (10.16 mm)			
Nominal voltage input range	100 - 127V 50Hz	100 - 127V 60Hz	200 - 240V 50Hz	200 - 240V 60Hz
Max. open air flow	3.6 cfm (102 l/min)	4.5 cfm (127 l/min)	3.6 cfm (102 l/min)	4.5 cfm (127 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)
Current at rated pressure	5.0A - 4.9A	6.2A - 5.2A	2.6A - 2.4A	3.3A - 2.9A
Power at rated pressure	490W - 560W	615W - 650W	507W - 543W	646W - 679W
Speed at rated pressure	1395 rpm - 1440 rpm	1647 rpm - 1725 rpm	1394 rpm - 1432 rpm	1634 rpm - 1707 rpm
Maximum rated vacuum	92% local barometer	92% local barometer	92% local barometer	92% local barometer
Maximum pressure restart	Consult factory			
Maximum vacuum restart	Consult factory			

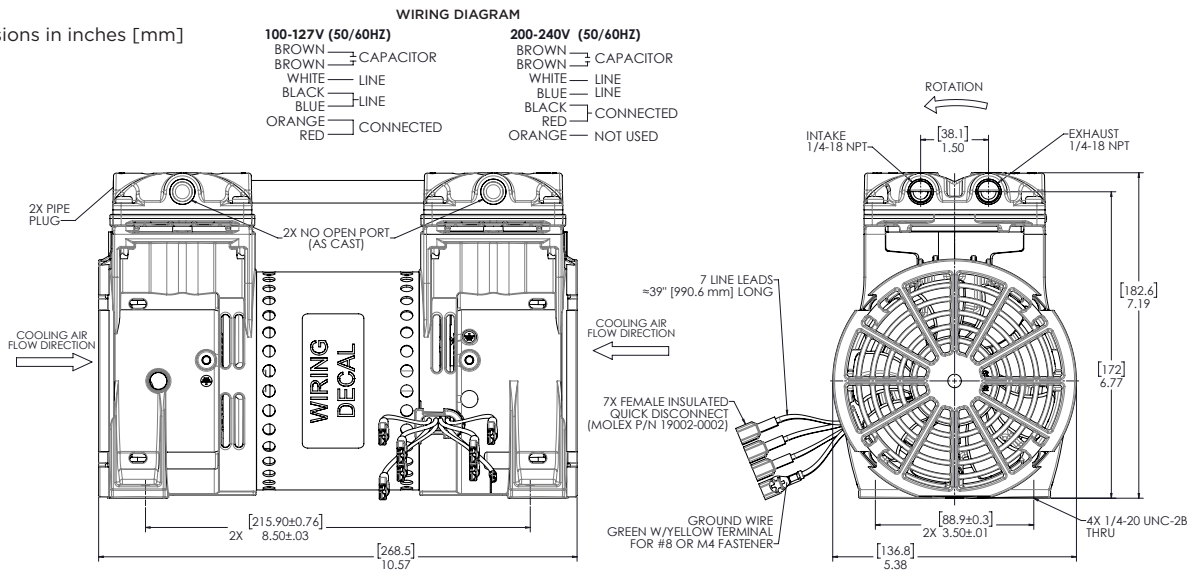
ELECTRICAL DATA				
Motor type (Capacitance)	P.S.C. [35 µF]			
Motor locked rotor current	17.0 - 21.2A	15.2 - 20.4A	8.4 - 10.1A	7.8 - 9.5A
Motor insulation class	B			
Thermal switch (Open temperature)	Yes [266°F (130°C)]			
Lead wire color, gauge	Lead wire connection dependant on voltage requirement, consult wiring diagram below, 18 AWG			
Capacitor lead wire color, gauge	Brown, brown 18 AWG			

GENERAL DATA	
Operating ambient temperature	50° to 104°F (10°C TO 40°C)*
Safety Certification	Declaration of Incorporation documentation available upon request
Net weight	20.9 lbs (9.5 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]



PUMP AND COMPRESSOR SOLUTIONS FOR OEMS WORLDWIDE

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Printed in U.S.A Form No. 850-4028 01/2018

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