

2775 Series

THOMAS
by Gardner Denver

FEATURES

- > Monolithic head
- > Epoxy coated wetted parts
- > 17mm shaft & bearing compliment
- > Oil-less operation
- > Permanently lubricated bearings
- > Stainless steel valves
- > Die-cast aluminum components
- > Proven WOB-L technology
- > Field service capability
- > Thermally protected motor
- > Designed and tested per Agency standards
- > RoHS compliant

Declaration documentation available upon request

TYPICAL APPLICATIONS

- > Dental Equipment
- > Pharmaceutical Processing Equipment
- > Waveguide Pressurization
- > Cable Drying
- > Dry Sprinkler Systems
- > Laboratory Compressed Air

BASE MODELS

2775CE50

(115/60/1)

2775CGHI50

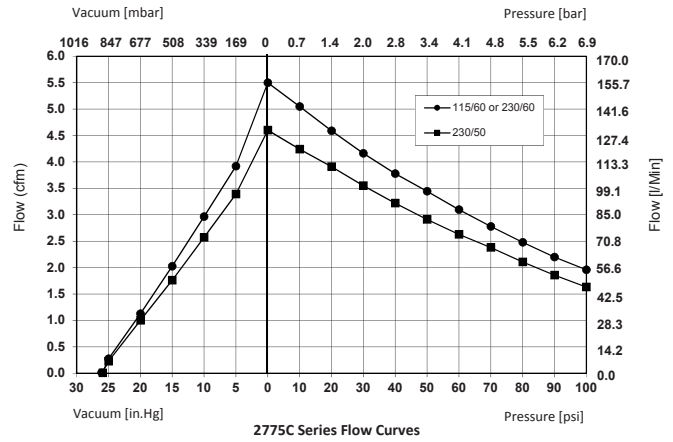
(230/60/1 & 220-240/50/1)



WOB-L

2775 Series

Flow	5.5 cfm (155.7 l/min)
Max. pressure	Up to 100 psi (6.9 bar)
Max. vacuum	Up to 90% local barometer



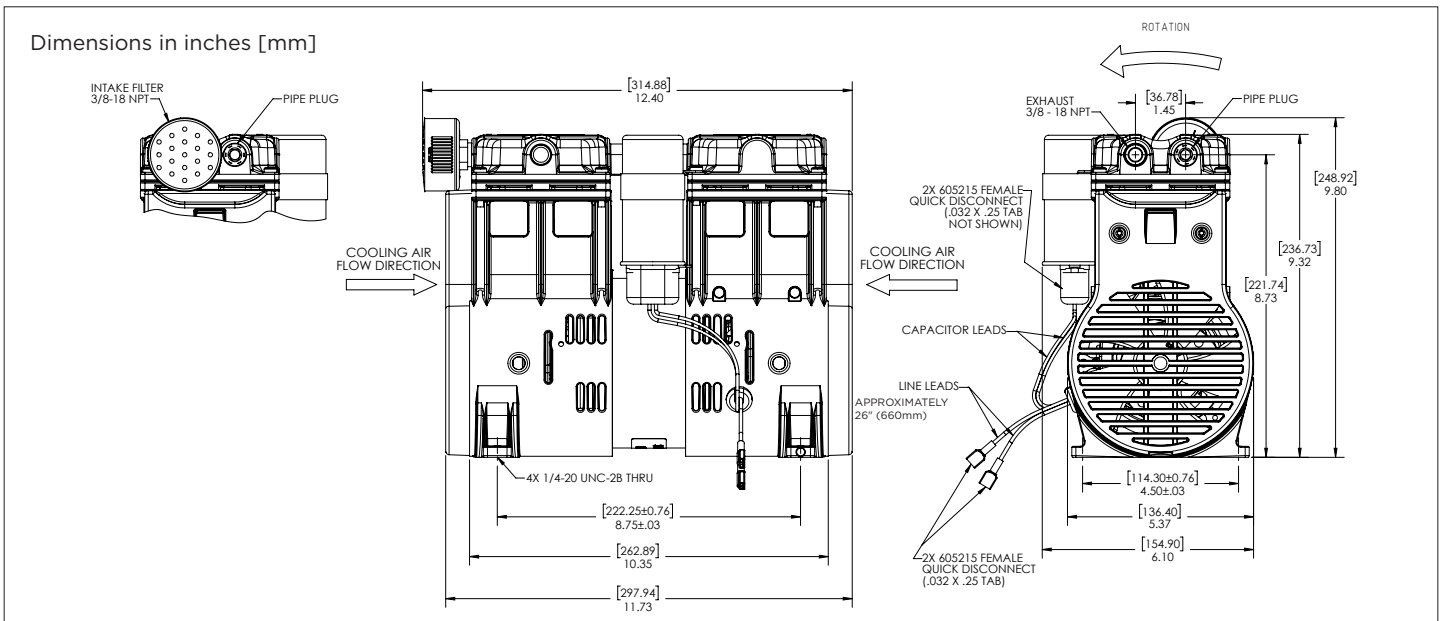
NOTE: All test values are nominal and for reference only. They are not guaranteed maximum or minimum limits, nor do they imply mean or median.

PERFORMANCE DATA		T17-0295	T17-0296
Model Number	2775CE50	2775CGHI50	
Head Configuration	Pressure/vacuum parallel flow	Pressure/vacuum parallel flow	
Stroke	0.50 in. (12.7 mm)	0.50 in. (12.7 mm)	
Nominal voltage input	115/60/1	230/50/1	230/60/1
Max. open air flow	5.5 cfm (155.7 l/min)	4.6 cfm (130.2 l/min)	5.5 cfm (155.7 l/min)
Max. rated pressure	100 psi (6.9 bar)	100 psi (6.9 bar)	100 psi (6.9 bar)
Current at rated pressure	6.3A	3.4A	3.0A
Power at rated pressure	660W	610W	650W
Speed at rated pressure	1735 rpm	1415 rpm	1675 rpm
Max. pressure restart	N/A	N/A	
Max. vacuum	90% local barometer	90% local barometer	
Max. vacuum restart	N/A	N/A	

ELECTRICAL DATA		T17-0295	T17-0296
Motor type (Capacitance)	P.S.C. [35 µF]	P.S.C. [7 µF]	
Motor locked rotor current	30.0A	12.4A	11.5A
Motor insulation class	B	B	
Thermal switch (Open temperature)	Yes [275°F (135°C)]	Yes [284°F (140°C)]	
Lead wire color, gauge	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	

GENERAL DATA		T17-0295	T17-0296
Operating ambient temperature	50° to 104°F (10°C TO 40°C)	50° to 104°F (10°C TO 40°C)	
Safety Certification	UR	TUV	
Net weight	24.1 lbs (10.9 kg)	23.8 lbs (10.8 kg)	

PRODUCT DIMENSIONS



PUMP AND COMPRESSOR SOLUTIONS FOR OEMS WORLDWIDE

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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 products. It is the responsibility of the user to determine the suitability of the product for the intended use and the user assumes all risk and liability in connection there with. Thomas does not warrant, guarantee or assume any obligation or liability in connection with this information.

Models presented in this catalog are representative of the product family. Photos of products pictured in this catalog do not necessarily represent a specific model number. To obtain further information for custom options, contact your local Thomas office.

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