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 serviceable
> Thermally protected motor
> Designed and tested per Agency standards
> RoHS/REACH compliant
> Agency Listed

Declaration documentation available upon request

BASE MODELS

2775CE50
(115/60/1)

2775CE70
(115/60/1)

2775CE75
(115/60/1)

2775CGHI50
(230/601/1 & 220-240/50/1)

2775CGUU70
(230/50/601/1)



TYPICAL APPLICATIONS

> Dental Equipment
> Pharmaceutical Processing Equipment
> Disinfectant Sprayers
> Pond Aeration
> Dry Sprinkler Systems
> Laboratory Compressed Air



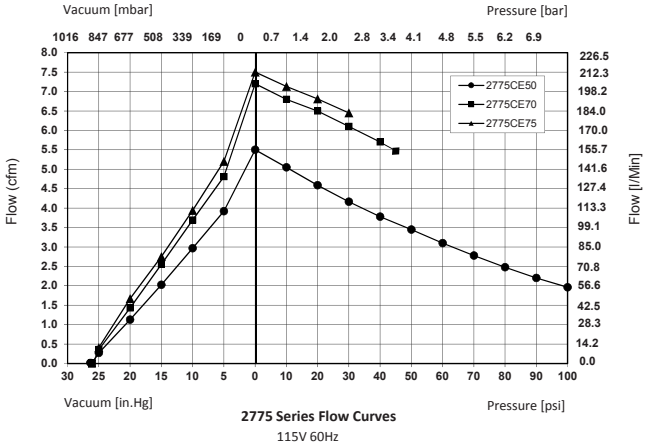
WOB-L®

2775 Series

Flow	7.5 cfm (212.4 l/min)
Max. pressure	Up to 100 psi (6.9 bar)
Max. vacuum	**Up to 91% 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.

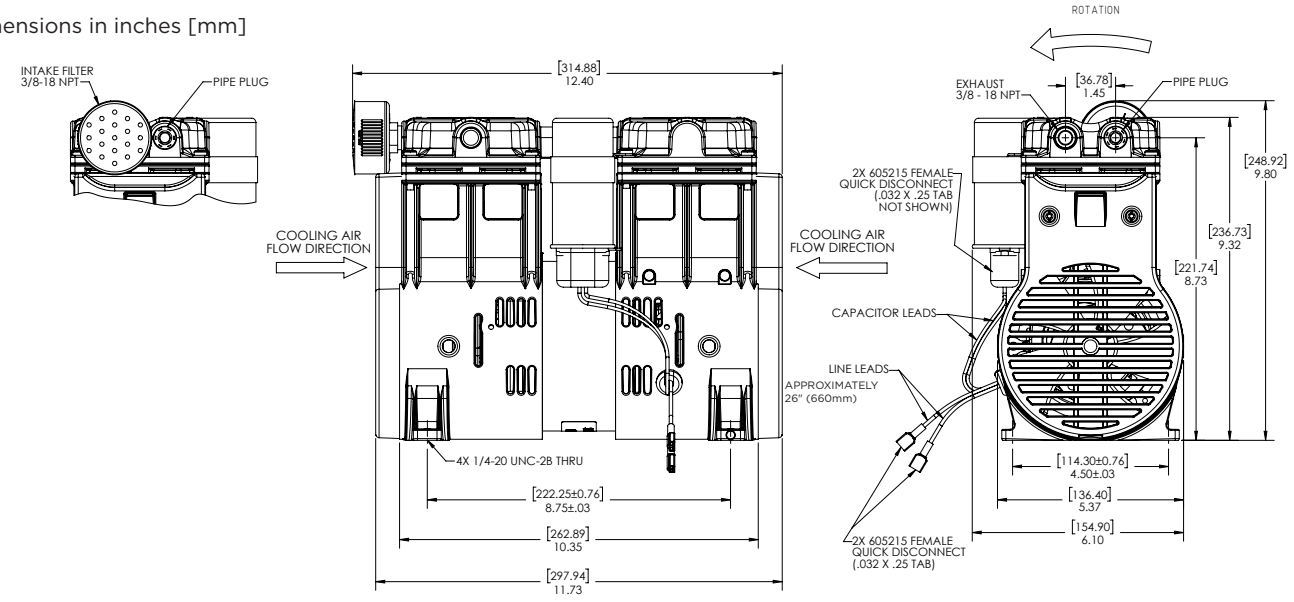
PERFORMANCE DATA	T17-0295	T19-0343	T17-0299
Model Number	2775CE50	2775CE70	2775CE75
Head Configuration	Pressure/vacuum parallel flow	Pressure/vacuum parallel flow	Pressure/vacuum parallel flow
Stroke	0.50 in. (12.7 mm)	0.70 in. (17.8 mm)	0.75 in. (19.0 mm)
Nominal voltage input	115/60/1	115/60/1	115/60/1
Max. open air flow	5.5 cfm (155.7 l/min)	7.2 cfm (203.9 l/min)	7.5 cfm (212.4 l/min)
Max. rated pressure	100 psi (6.9 bar)	45 psi (3.4 bar)	30 psi (2.1 bar)
Current at rated pressure	6.3A	9.24A	8.07A
Power at rated pressure	660W	1030W	895W
Speed at rated pressure	1735 rpm	1668 rpm	1688 rpm
Max. pressure restart	N/A	N/A	N/A
Max. vacuum	90% local barometer	91% local barometer	91% local barometer
Max. vacuum restart	N/A	N/A	N/A

ELECTRICAL DATA			
Motor type (Capacitance)	P.S.C. [35 µF]	P.S.C. [35 µF]	P.S.C. [35 µF]
Motor locked rotor current	30.0A	30.0A	30.0A
Motor insulation class	B	B	B
Thermal switch (Open temperature)	Yes [275°F (135°C)]	Yes [275°F (135°C)]	Yes [275°F (135°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	Black, black, 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	UR	UR	UR
Net weight	24.1 lbs (10.9 kg)	24.1 lbs (10.9 kg)	24.1 lbs (10.9 kg)

PRODUCT DIMENSIONS

Dimensions in inches [mm]

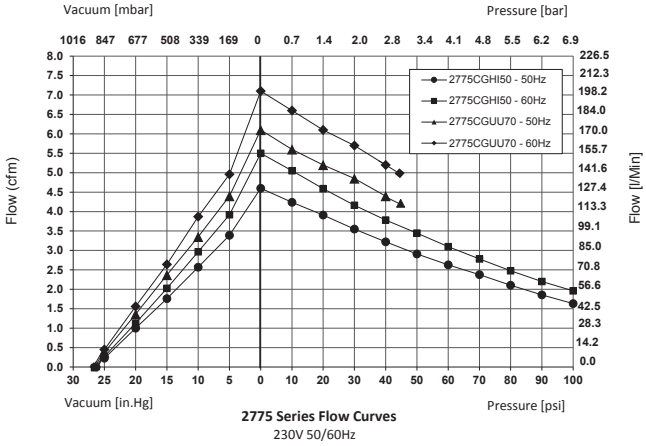


2775 Series

Flow	7.2 cfm (203.9 l/min)
Max. pressure	Up to 100 psi (6.9 bar)
Max. vacuum	Up to 91% local barometer



Oil-less



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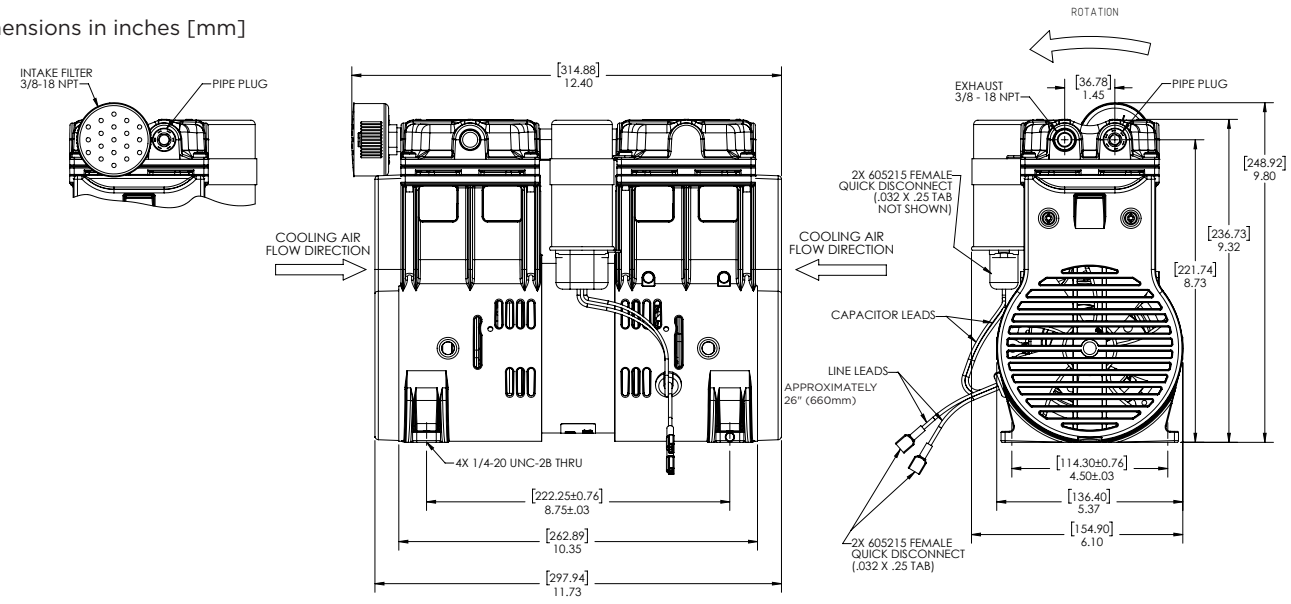
PERFORMANCE DATA	T17-0296		T19-0344	
Model Number	2775CGHI50		2775CGUU70	
Head Configuration	Pressure/vacuum parallel flow		Pressure/vacuum parallel flow	
Stroke	0.50 in. (12.7 mm)		0.70 in. (12.7 mm)	
Nominal voltage input	230/50/1	230/60/1	230/50/1	230/60/1
Max. open air flow	4.6 cfm (130.2 l/min)	5.5 cfm (155.7 l/min)	6.1 cfm (l/min)	7.2cfm (l/min)
Max. rated pressure	100 psi (6.9 bar)	100 psi (6.9 bar)	45 psi (bar)	45 psi (bar)
Current at rated pressure	3.4A	3.0A	3.6A	4.1A
Power at rated pressure	610W	650W	790W	935W
Speed at rated pressure	1415 rpm	1675 rpm	1382 rpm	1635 rpm
Max. pressure restart	N/A		N/A	
Max. vacuum	90% local barometer		91% local barometer	
Max. vacuum restart	N/A		N/A	

ELECTRICAL DATA				
Motor type (Capacitance)	P.S.C. [7 µF]		P.S.C. [15 µF]	
Motor locked rotor current	12.4A	11.5A	12.4A	11.5A
Motor insulation class	B		B	
Thermal switch (Open temperature)	Yes [284°F (140°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	Red, red 18 AWG		Red, red 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)
Safety Certification	CE/TUV	CE
Net weight	23.8 lbs (10.8 kg)	23.8 lbs (10.8 kg)

PRODUCT DIMENSIONS

Dimensions in inches [mm]



PUMP AND COMPRESSOR SOLUTIONS FOR OEMS WORLDWIDE

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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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