

# WOB-L<sup>®</sup> PISTON

## Compressors and Vacuum Pumps 2807 Series

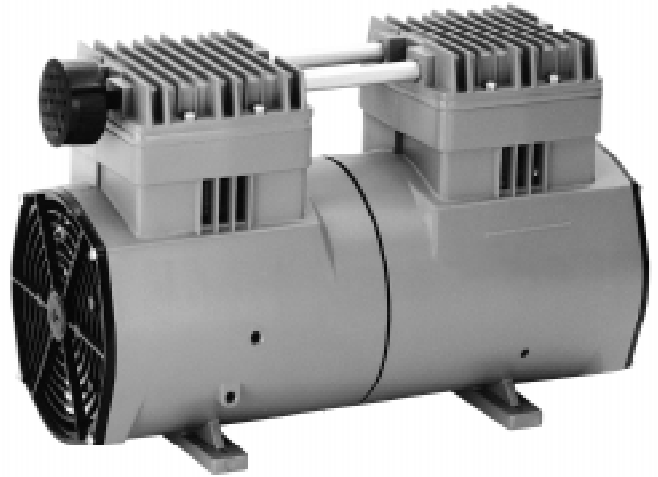
### MODELS:

Standard models available.

**2807CE72, 2807CGH72**

### FEATURES:

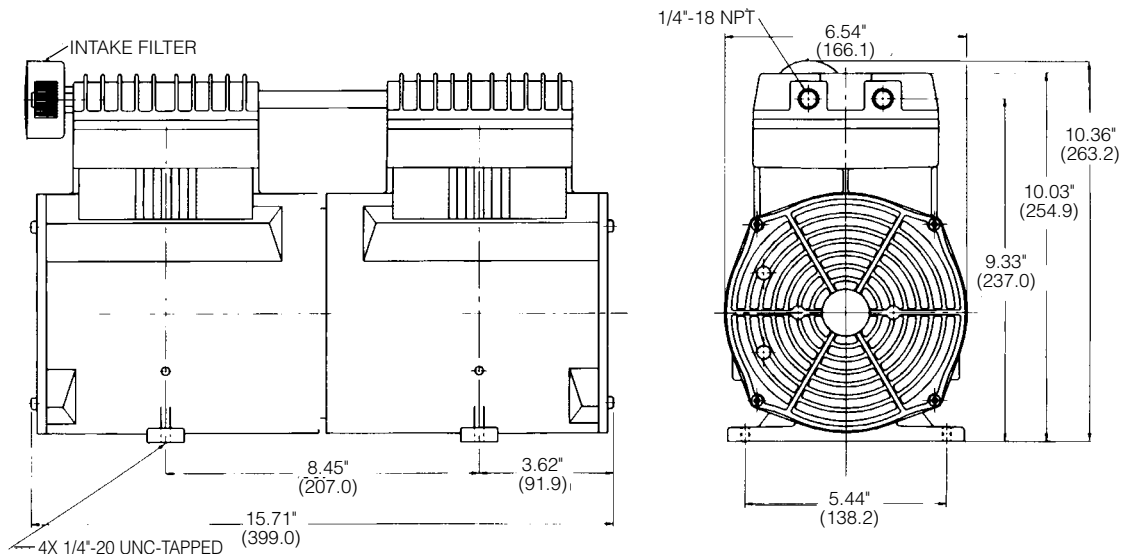
- Oil-less, non-lube piston and cylinder
- Permanently lubricated bearings
- Stainless steel valves and aluminum valve plate
- Lightweight diecast aluminum components
- Long-life, high performance piston seal
- Thin wall, hard-coated aluminum cylinder for maximum heat transfer
- Twin fans provide cool air thru and around motor and cylinders
- Low noise design
- Inlet filter
- All wetted aluminum parts treated for corrosion protection
- All other wetted parts stainless steel
- Eight foot cord and plug
- Balanced for smooth, low vibration operation
- Field Service capability
- CE approval on all standard 220-240-50 Hz models  
(consult factory for non-standard models)



**Consult factory for custom applications**

### DIMENSIONS:

Millimeters are in ( )

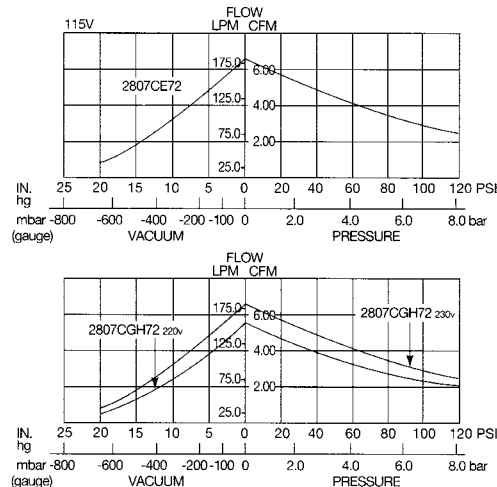


# 2807 SERIES PERFORMANCE DATA:

		STANDARD		STANDARD	
<b>MODEL NUMBER:</b>		<b>2807CE72</b>		<b>2807CGH72</b>	
<b>HEAD CONFIGURATION:</b>		Pressure/Vacuum		Pressure/Vacuum	
<b>STROKE:</b>		.720 Inches		.720 Inches	
<b>PRESSURE:</b>		Flow @ 115V		Flow @ 220/230V	
CFM @ PSI	LPM @ bar				
PSI	bar	CFM	LPM	CFM	LPM
0	0	6.60	186.9	5.48/6.60	155.2/186.9
10	.5	6.20	178.7	5.15/6.20	148.3/178.7
20	1.0	5.90	171.7	4.90/5.90	142.6/171.7
30	1.5	5.55	165.2	4.60/5.55	137.2/165.2
40	2.0	5.13	157.2	4.26/5.13	130.6/157.2
50	3.0	4.65	141.4	3.86/4.65	117.4/141.4
60	5.0	4.35	112.5	3.61/4.35	93.4/112.5
70	7.0	4.07	84.9	3.38/4.07	70.4/ 84.9
80		3.75		3.11/3.75	
90		3.38		2.81/3.38	
100		3.05		2.53/3.05	
110		2.75		2.28/2.75	
120		2.45		2.02/2.45	
<b>MAX. CONTINUOUS PRESSURE:</b>		50 PSI	3.4 bar	50 PSI	3.4 bar
<b>MAX. INTERMITTENT PRESSURE:</b>		120 PSI	8.3 bar	120 PSI	8.3 bar
<b>VACUUM:</b>		Flow @ 115v		Flow @ 220/320V	
CFM @ IN.hg	LPM @ mbar (gauge)				
IN.hg	mbar (gauge)	CFM	LPM	CFM	LPM
0	0	6.60	186.9	5.48/6.60	155.2/186.9
5	-100	3.60	136.7	3.66/3.60	125.0/136.7
10	-200	2.66	97.1	2.21/2.66	96.1/ 97.1
15	-400	1.80	66.5	1.41/1.80	54.4/ 66.5
20	-600	.88	36.8	.56/ .88	26.8/ 36.8
<b>MAX. VACUUM:</b>		25.0" hg	-848 mbar	25.0" hg	-848 mbar
<b>MAX. AMBIENT TEMPERATURE:</b>		104°F	40°C	104°F	40°C
<b>MIN. AMBIENT TEMPERATURE:</b>		50°F	10°C	50°F	10°C
<b>MAX. RESTART PRESSURE:</b>		100 PSI	6.9 bar	100 PSI	6.9 bar
<b>MAX. RESTART VACUUM:</b>		0" hg	0 mbar	0" hg	0 mbar
<b>MOTOR VOLTAGE/FREQUENCY:</b>		115/60/1		220/50/1 - 230/60/1	
<b>HORSEPOWER:</b>		1		1	
<b>MOTOR TYPE:</b>		Permanent Split Capacitor		Permanent Split Capacitor	
<b>CURRENT AT RATED LOAD (AMPS):</b>		8.5		5.0/4.8	
<b>POWER AT RATED LOAD (WATTS):</b>		902		948/929	
<b>STARTING CURRENT (LOCKED ROTOR AMPS):</b>		44.0		20.0	
<b>INSULATION CLASS:</b>		B		B	
<b>MIN. FULL LOAD SPEED (RPM):</b>		1700		1425	
<b>THERMAL PROTECTOR:</b>		Yes		Yes	
<b>CAPACITOR VALUE:</b>		30 mfd		30 mfd	
<b>NET WEIGHT:</b>		39 lbs.	17.7 Kg	39 lbs.	17.7 Kg

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 his intended use and the user assumes all risk and liability whatsoever in connection therewith. Thomas Industries 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.



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