

WOB-L® PISTON

Compressors and Vacuum Pumps

2660 & 2680 Series

MODELS:

Standard models available.

2668CE22, 2668CE44, 2668CHI22, 2668CHI44

2688CE22, 2688CE44, 2688CHI22, 2688CHI44

2688VE44, 2688VGHI44

2669CE44, 2669CGHI44, 2689CE44, 2689CGHI44

2660CE44, 2660CGHI42, 2680CE44, 2680CGHI42

Other models based on availability and minimum purchase.

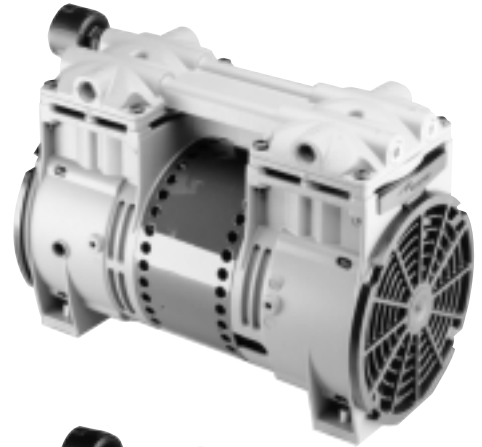
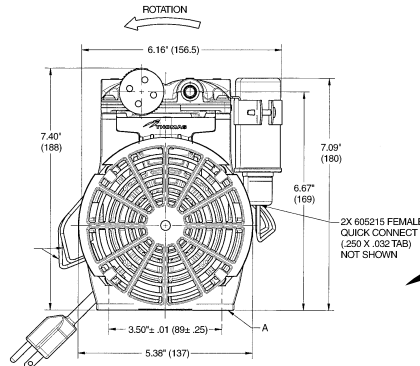
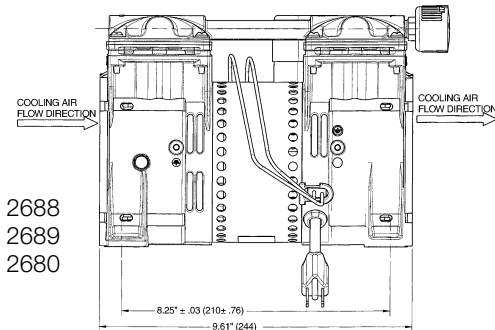
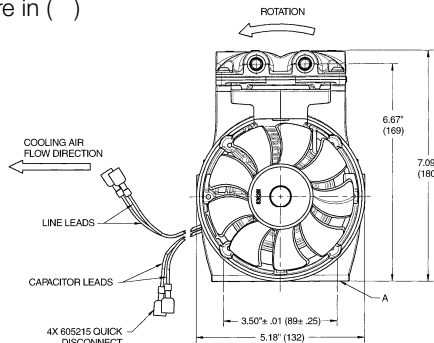
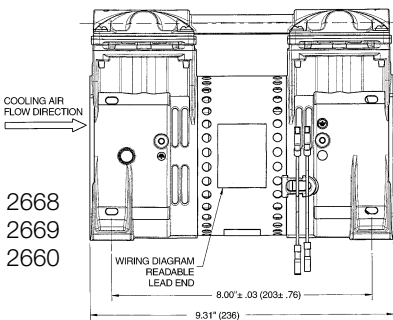
FEATURES:

- Head design allows easily replaced piston seal
- Oil-less, non-lube piston and cylinder
- Permanently lubricated bearings
- Stainless steel valves
- Lightweight die cast aluminum components
- Long-life, high performance piston seal
- Thin wall, hard-coated aluminum cylinder for maximum heat transfer
- Twin fans provide cooling air thru and around motor and cylinders
- Dual intake/exhaust manifold system for easy piping
- Balanced for smooth, low vibration operation
- Field service capability
- Inlet filter
- Capacitor
- All wetted aluminum parts treated for corrosion protection from moisture
- Patented one piece head for fewer parts and reduced leak paths
- UL Recognized motor and thermal protector, 115v/60Hz models
- CE/TUV approved, 220-240/50Hz models (Consult factory for non-standard models)
- Kit options: Guards/Cap cover/Cords

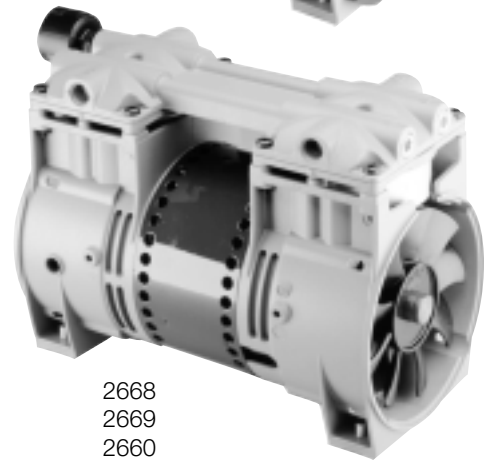
Consult factory for custom applications

DIMENSIONS:

Millimeters are in ()



2688
2689
2680



2668
2669
2660

ISO 9001
CERTIFIED

MODEL	A
2668	#8-32 UNC-2B
2688	THREAD THRU
2660/2669	1/4-20 UNC-2B
2680/2689	THREAD THRU

Patent No. 6056521

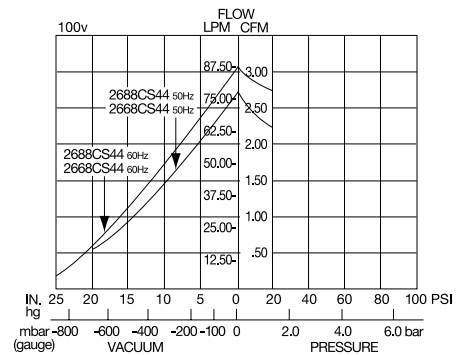
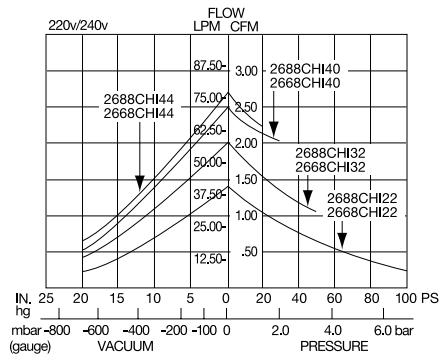
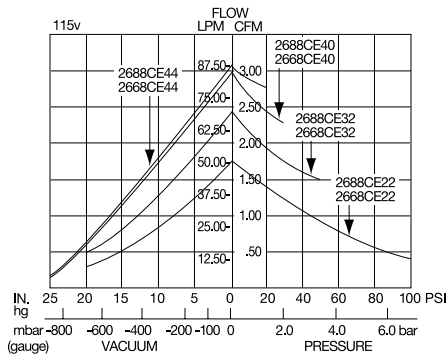


THOMAS
PUMPS & COMPRESSORS

2688/2668 SERIES PERFORMANCE DATA:

		STANDARD				STANDARD				STANDARD				STANDARD					
MODEL NUMBERS:		2668CE22 2688CE22		2668CE32 2688CE32		2668CE40 2688CE40		2668CE44 2688CE44		2668CHI22 2688CHI22		2668CHI32 2688CHI32		2668CHI40 2688CHI40		2668CHI44 2688CHI44		2668CS44 2688CS44	
HEAD CONFIGURATION:		Pressure/ Vacuum		Pressure/ Vacuum		Pressure/ Vacuum		Pressure/ Vacuum		Pressure/ Vacuum		Pressure/ Vacuum		Pressure/ Vacuum		Pressure/ Vacuum		Pressure/ Vacuum	
STROKE:		.220 Inches		.320 Inches		.400 Inches		.440 Inches		.220 Inches		.320 Inches		.400 Inches		.440 Inches		.440 Inches	
PRESSURE:		Flow @ 115v		Flow @ 115v		Flow @ 115v		Flow @ 115v		Flow @ 220/240v		Flow @ 220/240v		Flow @ 220/240v		Flow @ 220/240v		Flow @ 100v-50/60 Hz	
CFM @ PSI	LPM @ bar																		
PSI	bar	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM
0	0	1.68	47.6	2.40	68.0	2.95	83.5	3.15	89.2	1.40	39.7	2.00	56.6	2.50	70.8	2.70	76.5	2.70/3.15	76.5/89.2
10	.5	1.55	45.0	2.25	64.9	2.75	79.4	2.93	84.7	1.25	36.6	1.80	52.5	2.40	68.7	2.50	72.3	2.50/2.93	72.3/84.7
20	1.0	1.40	42.0	2.05	61.2	2.50	74.7	2.72	80.3	1.13	33.9	1.60	48.4	2.30	66.7	2.25	67.6	2.25/2.72	67.6/80.3
30	1.5	1.25	38.9	1.85	57.1	2.30	69.8		76.0	1.10	31.8	1.42	44.4	2.05	63.9		62.5		62.5/76.0
40	2.0	1.10	35.9	1.70	53.0		65.7		71.7	.85	31.2	1.25	40.7		58.8		57.3		57.3/71.7
50	3.0	.95	29.7	1.50	46.1					.71	22.7	1.10	34.0						
60	5.0	.80	19.1							.60	13.3								
70	7.0	.70	10.9							.50	5.9								
80		.60								.38									
90		.50								.30									
100		.40								.22									
MAX. CONTINUOUS PRESSURE:		100PSI	6.9 bar	50 PSI	3.4 bar	30 PSI	2.1 bar	25 PSI	1.7 bar	100PSI	6.9 bar	50 PSI	3.4 bar	30 PSI	2.1 bar	25 PSI	1.7 bar	25 PSI	1.7 bar
MAX. INTERMITTENT PRESSURE:		100PSI	6.9 bar	50 PSI	3.4 bar	30 PSI	2.1 bar	25 PSI	1.7 bar	100PSI	6.9 bar	50 PSI	3.4 bar	30 PSI	2.1 bar	25 PSI	1.7 bar	25 PSI	1.7 bar
VACUUM:		Flow @ 115v		Flow @ 115v		Flow @ 115v		Flow @ 115v		Flow @ 220/240v		Flow @ 220/240v		Flow @ 220/240v		Flow @ 220/240v		Flow @ 100v-50/60 Hz	
CFM @ IN. hg	LPM @ mbar (gauge)																		
IN. hg	mbar (gauge)	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM
0	0	1.68	47.6	2.40	68.0	2.95	83.5	3.15	89.2	1.40	39.7	2.00	56.6	2.50	70.8	2.70	76.5	2.70/3.15	76.5/89.2
5	-100	1.20	39.6	1.60	54.6	2.05	68.5	2.30	75.0	1.00	33.0	1.40	46.6	1.70	57.4	2.00	64.7	2.00/2.30	64.7/75.0
10	-200	.93	32.6	1.20	43.3	1.50	55.2	1.60	61.5	.80	27.3	1.10	38.1	1.30	46.1	1.40	53.6	1.40/1.60	53.6/61.5
15	-400	.63	23.3	.89	30.8	1.00	37.3	1.10	40.2	.39	18.5	.74	27.5	.91	32.8	.98	35.3	.98/1.10	35.3/40.2
20	-600	.33	13.2	.49	19.0	.59	22.0	.64	24.1	.29	9.5	.43	16.2	.52	19.8	.57	21.4	.57/1.10	21.4/31.1
25	-800		3.2		5.7	.16	7.9	.18	8.7		6.2		5.8		6.7		7.7	.18	7.7/12.3
MAX. VACUUM:		26.2"hg	-887mbar	27.0"hg	-914mbar	27.4"hg	-928mbar	27.6"hg	-935mbar	26.3"hg	-891mbar	26.9"hg	-911mbar	27.4"hg	-928mbar	27.6"hg	-935mbar	27.6"hg	-935mbar
MAX. AMBIENT TEMPERATURE:		104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C
MIN. AMBIENT TEMPERATURE:		50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C
MAX. RESTART PRESSURE:		0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar
MAX. RESTART VACUUM:		0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar
MOTOR VOLTAGE/FREQUENCY:		115/60/1		115/60/1		115/60/1		115/60/1		220-240/50/1		220-240/50/1		220-240/50/1		220-240/50/1		100-50/60/1	
HORSEPOWER:		1/4		1/4		1/3		1/3		1/4		1/4		1/3		1/3		1/3	
MOTOR TYPE:		Permanent Split Capacitor		Permanent Split Capacitor		Permanent Split Capacitor		Permanent Split Capacitor		Permanent Split Capacitor		Permanent Split Capacitor		Permanent Split Capacitor		Permanent Split Capacitor		Permanent Split Capacitor	
CURRENT AT RATED LOAD (AMPS):		3.3		3.9		4.5		4.7		1.2		1.4		1.5		1.6		3.6/3.7	
POWER AT RATED LOAD (WATTS):		250		370		440		470		210		270		315		325		295/345	
STARTING CURRENT (LOCKED ROTOR AMPS):		12.8		12.8		12.8		12.8		3.6		3.8		3.8		3.8		12.0/11.0	
INSULATION CLASS:		B		B		B		B		B		B		B		B		B	
MIN. FULL LOAD SPEED (RPM):		1740		1670		1630		1600		1410		1350		1300		1290		1385/1675	
THERMAL PROTECTOR:		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes	
CAPACITOR VALUE:		7 mfd		7 mfd		7 mfd		7 mfd		7 mfd		7 mfd		7 mfd		7 mfd		15 mfd	
NET WEIGHT:		14.3 lbs.	6.5 Kg	15.3 lbs.	6.9 Kg	16.1 lbs.	7.3 Kg	16.1 lbs.	7.3 Kg	14.3 lbs.	6.5 Kg	15.3 lbs.	6.9 Kg	16.1 lbs.	7.3 Kg	16.1 lbs.	7.3 Kg	16.1 lbs.	7.3 Kg

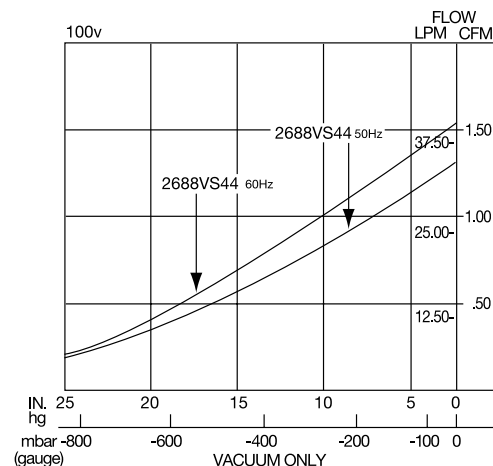
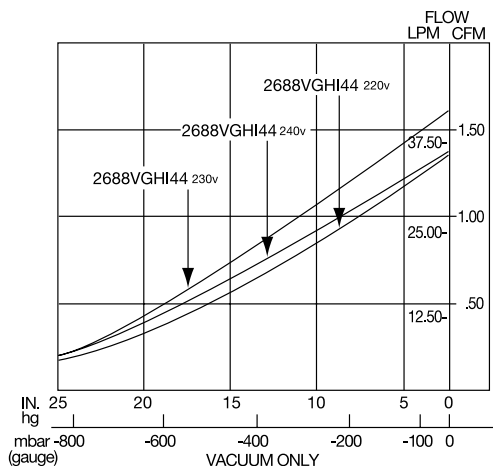
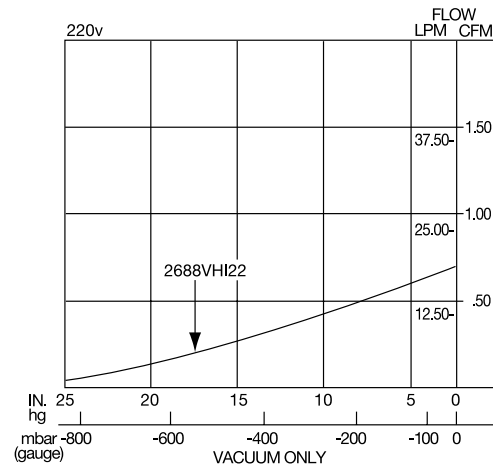
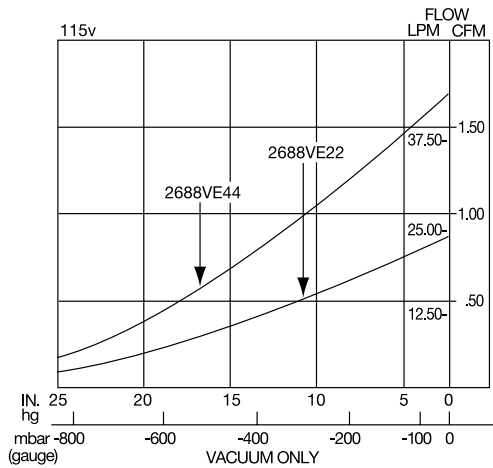
Note: 2688, 2689, and 2680 models include fan guard and cord standard. 2668, 2669 and 2660 models do not have fan guard or cord standard, these are options.



2688 SERIES TWO STAGE VACUUM PERFORMANCE DATA:

		STANDARD				STANDARD					
MODEL NUMBER:		2688VE22		2688VE44		2688VHI22		2688VGH144		2688VS44	
HEAD CONFIGURATION:		Vacuum Only		Vacuum Only		Vacuum Only		Vacuum Only		Vacuum Only	
STROKE:		.220 Inches		.440 Inches		.220 Inches		.440 Inches		.440 Inches	
VACUUM:		Flow @ 115v		Flow @ 115v		Flow @ 220v		Flow @ 220/240/230v		Flow @ 100v-50/60 Hz	
CFM @ IN. hg	LPM @ mbar (gauge)										
IN. hg	mbar (gauge)	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM
0	0	.84	23.8	1.60	45.3	.69	19.5	1.36 / 1.39 / 1.59	38.5 / 39.4 / 45.0	1.32 / 1.54	37.4 / 43.6
5	-100	.70	21.4	1.20	38.6	.57	17.5	1.16 / 1.18 / 1.36	35.2 / 35.8 / 41.2	1.13 / 1.31	34.2 / 40.0
10	-200	.53	19.0	.98	32.9	.44	15.5	.88 / .91 / 1.06	31.4 / 32.0 / 37.0	.88 / 1.03	30.7 / 35.7
15	-400	.37	13.4	.69	24.8	.33	11.3	.65 / .66 / .75	22.6 / 23.2 / 26.8	.64 / .74	22.5 / 26.2
20	-600	.23	8.3	.48	16.3	.19	7.2	.41 / .42 / .48	14.7 / 15.0 / 17.1	.41 / .47	14.6 / 16.8
25	-800	.09	3.6	.16	7.0	.07	3.0	.19 / .20 / .20	7.1 / 7.4 / 7.8	.19 / .21	7.1 / 8.0
MAX. VACUUM:		29.0" hg	-982 mbar	29.0" hg	-982 mbar	29.0" hg	-982 mbar	29.0" hg	-982 mbar	29.0" hg	-982 mbar
MAX. AMBIENT TEMPERATURE:		104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C
MIN. AMBIENT TEMPERATURE:		50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C
MAX. RESTART VACUUM:		0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar
MOTOR VOLTAGE/FREQUENCY:		115/60/1		115/60/1		220/50/1		220/240-50/1 - 230-60/1		100-50/60/1	
HORSEPOWER:		1/4		1/3		1/4		1/3		1/3	
MOTOR TYPE:		Permanent Split Capacitor		Permanent Split Capacitor		Permanent Split Capacitor		Permanent Split Capacitor		Permanent Split Capacitor	
CURRENT AT RATED LOAD (AMPS):		3.1		3.2		.8		0.7 / 0.8 / 0.8		3.1 / 2.1	
POWER AT RATED LOAD (WATTS):		215		240		130		135 / 155 / 160		190 / 205	
STARTING CURRENT (LOCKED ROTOR AMPS):		12.2		12.2		3.0		3.7 / 4.1 / 3.8		12.2 / 11.3	
INSULATION CLASS:		B		B		B		B		B	
MIN. FULL LOAD SPEED (RPM):		1770		1750		1450		1470 / 1480 / 1750		1465 / 1756	
THERMAL PROTECTOR:		Yes		Yes		Yes		Yes		Yes	
CAPACITOR VALUE:		7 mfd		7 mfd		7 mfd		7 mfd		15 mfd	
NET WEIGHT:		14.6 lbs.	6.6 Kg	16.4 lbs.	7.4 Kg	14.6 lbs.	6.6 Kg	16.4 lbs.	7.4 Kg	16.4 lbs.	7.4 Kg

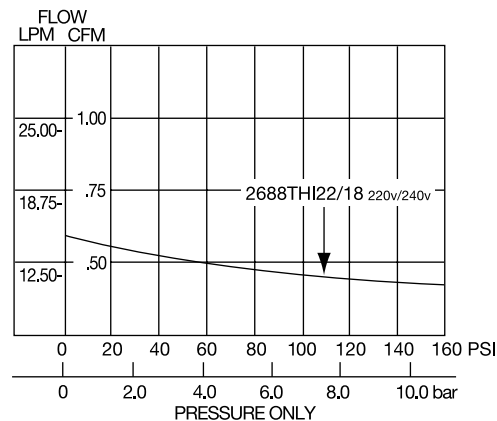
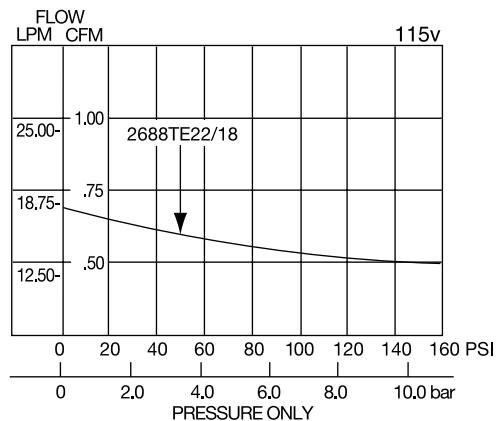
Note: 2688, 2689, and 2680 models include fan guard and cord standard. 2668, 2669 and 2660 models do not have fan guard and cord standard, these are options.



2688 SERIES TWO STAGE PRESSURE PERFORMANCE DATA:

MODEL NUMBER:		2688TE22/18		2688THI22/18	
HEAD CONFIGURATION:		Pressure Only		Pressure Only	
STROKE:		.220 Primary / .180 Secondary		.220 Primary / .180 Secondary	
PRESSURE:		Flow @ 115v		Flow @ 220v/240v	
CFM @ PSI	LPM @ bar	CFM	LPM	CFM	LPM
PSI	bar				
0	0	.71	20.1	.66	18.6
20	.5	.67	19.7	.57	17.7
40	1.0	.65	19.3	.50	16.8
60	1.5	.62	18.9	.48	15.9
80	2.0	.59	18.7	.46	15.2
100	3.0	.55	18.3	.43	14.0
120	5.0	.53	17.0	.38	13.2
140	7.0	.52	15.5	.38	12.0
160		.50		.35	
MAX. CONTINUOUS PRESSURE:		160 PSI	11.1 bar	160 PSI	11.1 bar
MAX. INTERMITTENT PRESSURE:		160 PSI	11.1 bar	160 PSI	11.1 bar
MAX. AMBIENT TEMPERATURE:		104°F	40°C	104°F	40°C
MIN. AMBIENT TEMPERATURE:		50°F	10°C	50°F	10°C
MAX. RESTART PRESSURE:		100 PSI	6.9 bar	100 PSI	6.9 bar
MOTOR VOLTAGE/FREQUENCY:		115/60/1		220-240/50/1	
HORSEPOWER:		1/3		1/3	
MOTOR TYPE:		Permanent Split Capacitor		Permanent Split Capacitor	
CURRENT AT RATED LOAD (AMPS):		3.5		1.4	
POWER AT RATED LOAD (WATTS):		275		240	
STARTING CURRENT (LOCKED ROTOR AMPS):		12.7		4.0	
INSULATION CLASS:		B		B	
MIN. FULL LOAD SPEED (RPM):		1730		1420	
THERMAL PROTECTOR:		Yes		Yes	
CAPACITOR VALUE:		7 mfd		7 mfd	
NET WEIGHT:		16.0 lbs.	7.3 Kg	15.0 lbs.	6.8 Kg

Note: 2688, 2689, and 2680 models include fan guard and cord standard. 2668, 2669 and 2660 models *do not* have fan guard or cord standard, these are options.



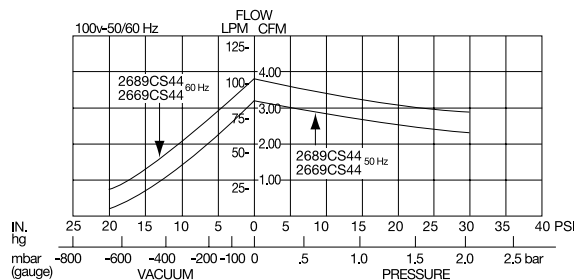
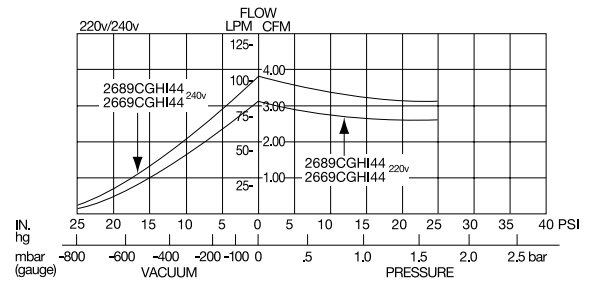
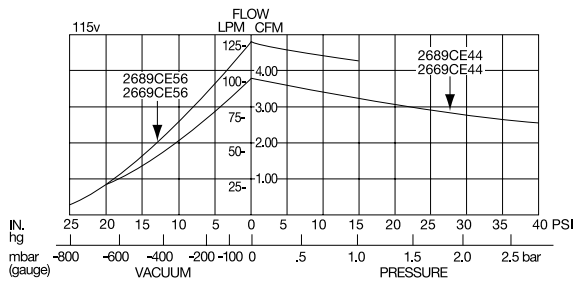
The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable and is offered as an aid to help in the selection of Thomas products. It is the responsibility of the user to determine the suitability of the product for 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.

2689 & 2669 SERIES PERFORMANCE DATA:

MODEL NUMBER:	STANDARD		STANDARD		STANDARD		STANDARD		
	2669CE44 2689CE44		2669CGH144 2689CGH144		2669CS44 2689CS44		2669CE56 2689CE56		
HEAD CONFIGURATION:	Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum		
STROKE:	.440 Inches		.440 Inches		.440 Inches		.564 Inches		
PRESSURE:	Flow @ 115v		Flow @ 220v/230v		Flow @ 100v-50/60 Hz		Flow @ 115v		
CFM @ PSI	LPM @ bar								
PSI	bar	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM
0	0	3.75	106.2	3.15/3.84	89.1/108.7	3.30/3.85	93.4/109.0	4.80	136.0
5	.5	3.65	101.4	3.05/3.77	85.8/104.0	3.15/3.75	86.6/103.0	4.70	131.2
10	1.0	3.50	96.0	3.01/3.56	80.8/97.2	2.95/3.50	80.0/95.3	4.55	123.7
15	1.5	3.38	88.6	2.84/3.42	75.8/90.8	2.80/3.35	73.5/89.1	4.35	113.8
20	2.0	3.20	82.0	2.73/3.26	69.6/84.6	2.65/3.20	68.5/83.0	4.10	104.8
25	3.0	3.00	70.2	2.58/3.11		2.50/3.05		3.87	
30		2.87				2.40/2.90		3.66	
35		2.75							
40		2.59							
MAX. CONTINUOUS PRESSURE:		40 PSI	2.8 bar	25 PSI	1.7 bar	30 PSI	2.1 bar	15 PSI	1.0 bar
MAX. INTERMITTENT PRESSURE:		40 PSI	2.8 bar	25 PSI	1.7 bar	30 PSI	2.1 bar	30 PSI	2.1 bar
VACUUM:		Flow @ 115v		Flow @ 220v/230v		Flow @ 100v-50/60 Hz		Flow @ 115v	
CFM @ IN. hg	LPM @ mbar (gauge)								
IN. hg	mbar (gauge)	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM
0	0	3.75	106.2	3.15/3.84	89.1/108.7	3.30/3.85	93.4/109.0	4.80	136.0
5	-100	2.75	89.5	2.66/3.08	81.0/96.0	1.89/2.75	70.0/90.6	4.10	124.2
10	-200	2.15	74.8	1.99/2.35	71.8/83.4	1.31/2.15	51.0/74.8	3.20	111.5
15	-400	1.49	54.1	1.38/1.58	50.0/58.6	.72/1.49	31.0/54.1	2.30	81.4
20	-600	.86	32.5	.72/.89	28.9/34.1	.18/.86	12.1/32.5	1.30	50.0
25	-800		11.4	.18/.23	9.3/11.6		/.11.4	.30	16.3
MAX. VACUUM:		27.3"hg	-924 mbar	27.3" hg	-924 mbar	27.3" hg	-924 mbar	27.5" hg	-931 mbar
MAX. AMBIENT TEMPERATURE:		104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C
MIN. AMBIENT TEMPERATURE:		50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C
MAX. RESTART PRESSURE:		0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar
MAX. RESTART VACUUM:		0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar
MOTOR VOLTAGE/FREQUENCY:		115/60/1		220-240/50/1- 230/60/1		100/50-60/1		115/60/1	
HORSEPOWER:		1/3		1/3		1/3		1/3	
MOTOR TYPE:		Permanent Split Capacitor		Permanent Split Capacitor		Permanent Split Capacitor		Permanent Split Capacitor	
CURRENT AT RATED LOAD (AMPS):		4.7		1.6/2.0		3.9/4.2		5.0	
POWER AT RATED LOAD (WATTS):		500		420		330/400		550	
STARTING CURRENT (LOCKED ROTOR AMPS):		15.8		5.7/5.5		14.9/13.8		15.8	
INSULATION CLASS:		B		B		B		B	
MIN. FULL LOAD SPEED (RPM):		1680		1410/1680		1420/1680		1680	
THERMAL PROTECTOR:		Yes		Yes		Yes		Yes	
CAPACITOR VALUE:		15 mfd		15 mfd		20 mfd		15 mfd	
NET WEIGHT:		15.4 lbs.	7.0 Kg	15.4 lbs.	7.0 Kg	15.4 lbs.	7.0 Kg	15.6 lbs.	7.1 Kg

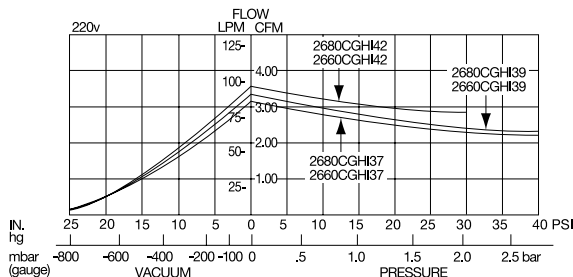
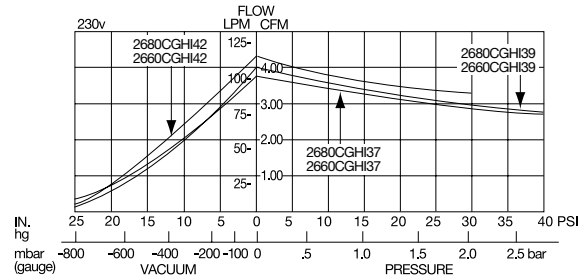
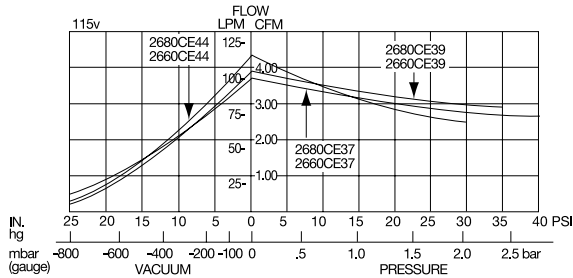
Note: 2688, 2689, and 2680 models include fan guard and cord standard. 2668, 2669 and 2660 models do not have fan guard or cord standard, these are options.



2680 & 2660 SERIES PERFORMANCE DATA:

MODEL NUMBER:	2660CE37 2680CE37		2660CE39 2680CE39		STANDARD 2660CE44 2680CE44		2660CGH37 2680CGH37		2660CGH39 2680CGH39		STANDARD 2660CGH42 2680CGH42			
	Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum			
HEAD CONFIGURATION:	Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum			
STROKE:	.370 Inches		.390 Inches		.440 Inches		.370 Inches		.390 Inches		.420 Inches			
PRESSURE:	Flow @ 115v		Flow @ 115v		Flow @ 115v		Flow @ 220v/230v		Flow @ 220v/230v		Flow @ 220v/230v			
CFM @ PSI	LPM @ bar													
PSI	bar		CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM		
0	0		3.73	105.6	3.92	110.9	4.40	124.5	3.12/3.74	88.3/105.9	3.38/4.01	95.7/113.5	3.59/4.30	101.6/121.7
5	.5		3.65	101.8	3.82	105.9	4.34	121.4	3.05/3.65	85.2/102.0	3.30/3.92	91.7/109.0	3.50/4.08	97.5/114.5
10	1.0		3.53	95.6	3.65	98.5	4.23	114.6	2.96/3.55	80.4/96.1	3.17/3.77	86.1/101.3	3.38/4.00	91.8/108.4
15	1.5		3.36	88.9	3.46	92.1	4.03	107.0	2.83/3.38	75.5/90.2	3.03/3.56	80.8/94.0	3.23/3.81	85.7/100.2
20	2.0		3.20	81.9	3.31	85.7	3.84	100.0	2.71/3.24	70.8/84.5	2.90/3.38	75.9/87.2	3.08/3.60	80.0/93.4
25	3.0		3.03	70.4	3.15		3.67		2.59/3.09	60.1/71.6	2.77/3.21	66.8/74.3	2.93/3.43	
30	5.0		2.86		3.00		3.50		2.49/2.96		2.66/3.05		2.80/3.27	
35			2.71		2.90				2.33/2.77		2.53/2.88			
40			2.58						2.21/2.63		2.43/2.73			
MAX. CONTINUOUS PRESSURE:	40 PSI	2.8 bar	35 PSI	2.4 bar	30 PSI	2.1 bar	40 PSI	2.8 bar	40 PSI	2.8 bar	30 PSI	2.1 bar		
MAX. INTERMITTENT PRESSURE:	40 PSI	2.8 bar	35 PSI	2.4 bar	30 PSI	2.1 bar	40 PSI	2.8 bar	40 PSI	2.8 bar	30 PSI	2.1 bar		
VACUUM:	Flow @ 115v		Flow @ 115v		Flow @ 115v		Flow @ 220v/240v		Flow @ 220v/230v		Flow @ 220v/230v			
CFM @ IN. hg	LPM @ mbar (gauge)													
IN. hg	mbar (gauge)		CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM		
0	0		3.73	105.6	3.92	110.9	4.40	124.5	3.12/3.74	88.3/105.9	3.38/4.01	95.7/113.5	3.59/4.30	101.6/121.7
5	-100		2.47	84.5	2.62	89.2	2.96	100.5	2.17/2.54	72.4/85.8	2.30/2.70	77.6/91.6	2.44/2.84	81.3/94.7
10	-200		1.86	66.8	1.98	70.9	2.22	80.0	1.65/1.89	58.7/68.5	1.76/2.02	62.3/72.9	1.83/2.13	65.9/76.7
15	-400		1.27	46.6	1.36	49.7	1.52	55.6	1.12/1.30	41.2/47.4	1.20/1.39	44.0/50.7	1.26/1.47	45.9/53.5
20	-600		.68	26.8	.72	28.6	.83	32.4	.61/69	23.8/27.4	.66/75	25.6/29.5	.65/81	26.2/31.4
25	-800		.11	7.5	.12	8.0	.16	9.7	.10/11	6.8/7.6	.11/12	7.4/8.3	.11/15	7.3/9.3
MAX. VACUUM:	27.0" hg	-914 mbar	27.0" hg	-914 mbar	27.0" hg	-914 mbar	27.0" hg	-914 mbar	27.0" hg	-914 mbar	27.0" hg	-914 mbar		
MAX. AMBIENT TEMPERATURE:	104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C	104°F	40°C		
MIN. AMBIENT TEMPERATURE:	50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C	50°F	10°C		
MAX. RESTART PRESSURE:	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar	0 PSI	0 bar		
MAX. RESTART VACUUM:	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar	0" hg	0 mbar		
MOTOR VOLTAGE/FREQUENCY:	115/60/1		115/60/1		115/60/1		220-240/50/1 - 230/60/1		220-240/50/1 - 230/60/1		220-240/50/1 - 230/60/1			
HORSEPOWER:	1/3		1/3		1/3		1/3		1/3		1/3			
MOTOR TYPE:	PSC		PSC		PSC		PSC		PSC		PSC			
CURRENT AT RATED LOAD (AMPS):	4.5		4.7		5.0		1.9/2.2		2.0/2.2		1.9/2.2			
POWER AT RATED LOAD (WATTS):	480		490		530		425/480		435/485		405/475			
STARTING CURRENT (LOCKED ROTOR AMPS):	14.6		14.6		14.6		5.8/5.6		5.8/5.6		5.8/5.6			
INSULATION CLASS:	B		B		B		B		B		B			
MIN. FULL LOAD SPEED (RPM):	1690		1690		1670		1360/1640		1360/1640		1400/1680			
THERMAL PROTECTOR:	Yes		Yes		Yes		Yes		Yes		Yes			
CAPACITOR VALUE:	15 mfd		15 mfd		15 mfd		15 mfd		15 mfd		15 mfd			
NET WEIGHT:	14.8 lbs.	6.7 Kg	14.8 lbs.	6.7 Kg	14.8 lbs.	6.7 Kg	15 lbs.	6.8 Kg	15 lbs.	6.8 Kg	15 lbs.	6.8 Kg		

Note: 2688, 2689, and 2680 models include fan guard and cord standard. 2668, 2669 and 2660 models do not have fan guard or cord standard, these are options.



1419 Illinois Avenue, P.O. Box 29
Sheboygan, WI 53082-0029 USA
(920) 457-4891 Fax (920) 451-4276
Internet: <http://www.thomaspumps.com>