

WOB-L®



2668/2688 SERIES

MODELS

Standard models

2668CE22

2668CE44

2668CHI22

2668CHI44

2688CE22

2688CE44

2688CHI22

2688CHI44

2688VE44

2688VGH144

Other models based on availability and minimum purchase.

2668CE32

2668CE40

2668CHI32

2668CHI40

2668CS44

2688CE32

2688CE40

2688CHI32

2688CHI40

2688CS44

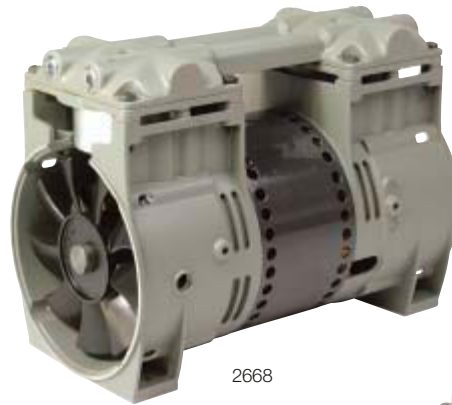
2688TE44/38

2688TGH144/38

2688VEF22

2688VHI22

2688VS44



2668



2688

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 through 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/Capacitor cover/Cords

Consult factory for custom applications

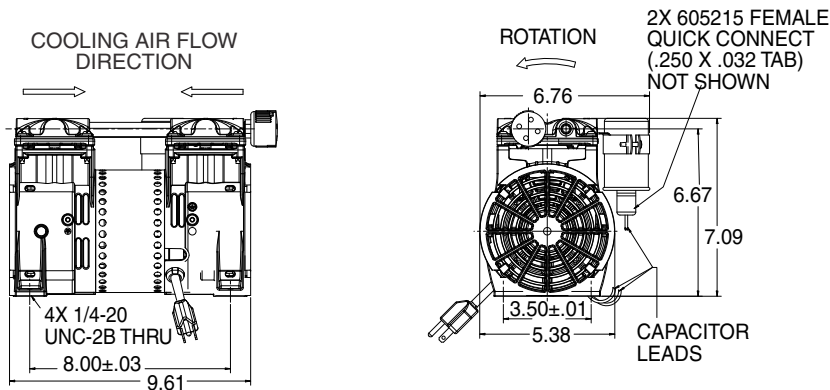
ISO 9001
CERTIFIED

THOMAS
A Gardner Denver Product

2688 Series Performance Data

MODEL NUMBER	2688VEF22				Standard		2688VHI22		Standard		2688VGH144		2688VS44										
	HEAD CONFIGURATION												Vacuum		Vacuum		Vacuum		Vacuum		Vacuum		
STROKE												.220 Inches		.440 Inches		.220 Inches		.440 Inches		.440 Inches		.440 Inches	
VACUUM												Flow @ 115v		Flow @ 115v		Flow @ 220v		Flow @ 220/240/230v		Flow @ 100v-50/60Hz		Flow @ 100v-50/60Hz	
CFM @ IN. hg		LPM @ mbar (gauge)																					
IN. hg	mbar (gauge)	CFM	LPM	CFM	LPM	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	29.0" hg	-982 mbar	29.0" hg	-982 mbar								
MAX. AMBIENT AIR TEMP.		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 START TEMP.		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								
MAX. RESTART VACUUM		0"hg	0mbar	0"hg	0mbar	0"hg	0mbar	0"hg	0mbar	0"hg	0mbar	0"hg	0mbar	0"hg	0mbar								
MOTOR VOLTAGE/FREQUENCY		115/60/1 - 110/50/1		115/60/1		220/50/1		220/240-50/1 - 230-60/1		100-50/60/1		100-50/60/1		100-50/60/1									
MOTOR TYPE		PSC		PSC		PSC		PSC		PSC		PSC		PSC									
CURRENT AT RATED LOAD (AMPS)		3.1		3.2		0.8		0.7 / 0.8 / 0.8		3.1 / 2.1		3.1 / 2.1		3.1 / 2.1									
POWER AT RATED LOAD (WATTS)		215		240		130		135 / 155 / 160		190 / 205		190 / 205		190 / 205									
STARTING CURRENT (LOCKED ROTOR, AMPS)		12.2		12.2		3.0		3.7 / 4.1 / 3.8		12.2 / 11.3		12.2 / 11.3		12.2 / 11.3									
CAPACITOR VALUE		7 mfd		7 mfd		7 mfd		7 mfd		15 mfd		15 mfd		15 mfd									
MIN. FULL LOAD SPEED (RPM)		1770		1750		1450		1470 / 1480 / 1750		1465 / 1756		1465 / 1756		1465 / 1756									
THERMAL PROTECTOR		Yes		Yes		Yes		Yes		Yes		Yes		Yes									
NET WEIGHT		14.6 lbs.	6.6 kg	16.4 lbs.	7.4 kg	14.6 lbs.	6.6 kg	14.6 lbs.	6.6 kg	14.6 lbs.	6.6 kg	16.4 lbs.	7.4 kg	16.4 lbs.	7.4 kg								

2688



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

Patent No. 6056521

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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