WOB-L™

2688 SERIES

MODELS

Standard models
2688VE44
2688VGHI44

Other models based on availability and minimum purchase.

2688VEF22
2688VHI22
2688VS44

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/capacitor cover/cords

Consult factory for custom applications

ISO 9001
CERTIFIED

THOMAS
A Gardner Denver Product

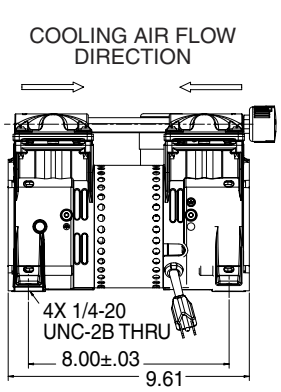
2688 Series Performance Data

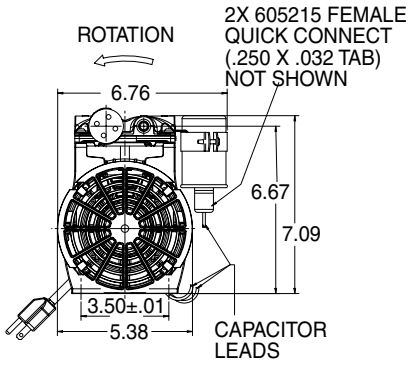
				Standard				Standard			
MODEL NUMBER		**2688VEF22**		**2688VE44**		**2688VHI22**		**2688VGHI44**		**2688VS44**	
HEAD CONFIGURATION		Vacuum		Vacuum		Vacuum		Vacuum		Vacuum	
STROKE		.220 Inches		.440 Inches		.220 Inches		.440 Inches		.440 Inches	
VACUUM		Flow @ 115v		Flow @ 115v		Flow @ 220v		Flow @ 220/240/230v		Flow @ 100v-50/60Hz	
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 AIR TEMP.		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
MAX. RESTART PRESSURE		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
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	
MOTOR TYPE		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	
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	
CAPACITOR VALUE		7 mfd		7 mfd		7 mfd		7 mfd		15 mfd	
MIN. FULL LOAD SPEED (RPM)		1770		1750		1450		1470 / 1480 / 1750		1465 / 1756	
THERMAL PROTECTOR		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	16.4 lbs.	7.4 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.

2688





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

Patent No. 6056521

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