DIAPHRAGM

927 SERIES

MODELS

927CA18
927CD18



FEATURES

- Oil-less operation
- Permanently lubricated bearings
- Field service capability
- Stainless steel valves and aluminum valve plate
- Lightweight die cast aluminum head and diaphragm hold down plate
- Long-life diaphragm
- Inlet filter
- Balanced for smooth, low vibration operation
- 6 ft. grounded cord and plug
- 115 volt UL recognized motor and thermal protector
- Service Kit SK927

Declaration documentation for applicable models available upon request

Consult factory for custom applications

Thomas Division is an ISO 9001 registered company

THOMAS
A Gardner Denver Product

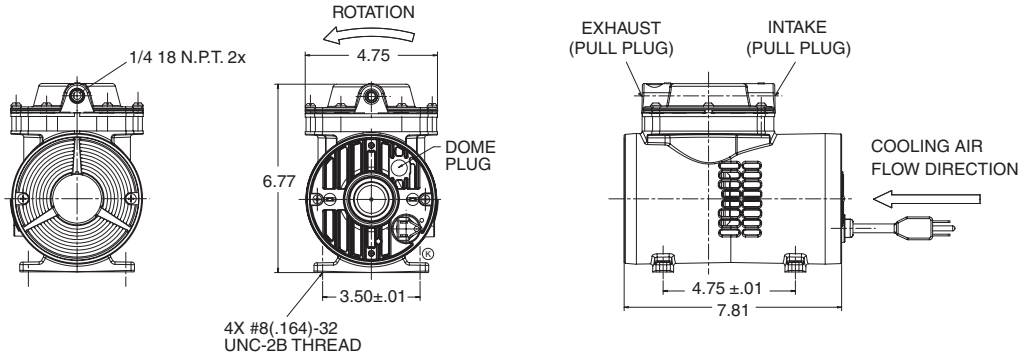
927 Series Performance Data

MODEL NUMBER		927CA18		927CD18	
HEAD CONFIGURATION		Pressure/Vacuum		Pressure/Vacuum	
STROKE		.180 Inches		.180 Inches	
PRESSURE		Flow @ 115v		Flow @ 220v	
CFM @ PSI	LPM @ bar				
PSI	bar	CFM	LPM	CFM	LPM
0 5 10 15 20 25 30 35 40	0 .5 1.0 1.5 2.0 3.0 5.0 7.0 10.0	1.24 1.11 .96 .81 .65 .52 .44 .35 .24	35.1 29.5 23.4 17.1 12.9 4.6	1.15 1.00 .87 .72 .61 .46 .37 .30 .21	32.6 26.7 20.8 15.8 11.0 4.2
MAX. CONTINUOUS PRESSURE		30 PSI	2.1 bar	30 PSI	2.1 bar
MAX. INTERMITTENT PRESSURE		40 PSI	2.8 bar	40 PSI	2.8 bar
VACUUM		Flow @ 115v		Flow @ 220v	
CFM @ IN. hg	LPM @ mbar (gauge)				
IN. hg	mbar (gauge)	CFM	LPM	CFM	LPM
0 5 10 15 20	0 -100 -200 -400 -600	1.24 .89 .64 .36 .16	35.1 29.3 23.9 15.2 7.1	1.15 .73 .53 .33 .11	32.6 25.5 19.6 13.0 6.0
MAX. VACUUM		23.8" hg	-807 mbar	23.8" hg	-807 mbar
MAX. AMBIENT AIR TEMP.		104˚ F	40°C	104˚ F	40°C
MIN. AMBIENT START TEMP.		50˚ F	10°C	50˚ F	10°C
MAX. RESTART PRESSURE		0 PSI	0 bar	0 PSI	0 bar
MAX. RESTART VACUUM		0"hg	0mbar	0"hg	0 mbar
MOTOR VOLTAGE/FREQUENCY		115/60/1		220/50/1	
MOTOR TYPE		Shaded Pole		Shaded Pole	
CURRENT AT RATED LOAD (AMPS)		3.00		1.30	
POWER AT RATED LOAD (WATTS)		191		171	
STARTING CURRENT (LOCKED ROTOR, AMPS)		5.5		2.1	
MIN. FULL LOAD SPEED (RPM)		1625		1250	
THERMAL PROTECTOR		Yes		Yes	
NET WEIGHT		11 lbs.	4.9 kg	11 lbs.	4.9 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.

927CA & 927CD



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