

### FEATURES

- > Maximum operating pressure to 120 psig
- > Pressure restart to 100 psig
- > Epoxy coated wetted parts
- > Oil-less operation
- > Dynamically balanced
- > Permanently lubricated bearings
- > Stainless steel valves
- > External ground wire
- > ASME safety valve
- > P2 rated capacitor
- > Patented components
- > Reliable WOB-L® piston technology
- > Specially formulated piston seal
- > Agency approved
- > RoHS compliant
- > Easily serviced

### TYPICAL APPLICATIONS

- > Air Vending
- > Pond Aeration
- > Telephone Cable Drying
- > Wave Guide Pressurization
- > Mobile Dental Stations

### BASE MODEL

2665PE40 / 2685PE40  
2665PHI44 / 2685PHI44



2665



2685



**WOB-L®**

# 2665 / 2685 Series

Flow	3.8 cfm (107.6 l/min)
Max. pressure	120 psig (8.3 bar)
Max. vacuum	N/A Pressure Only

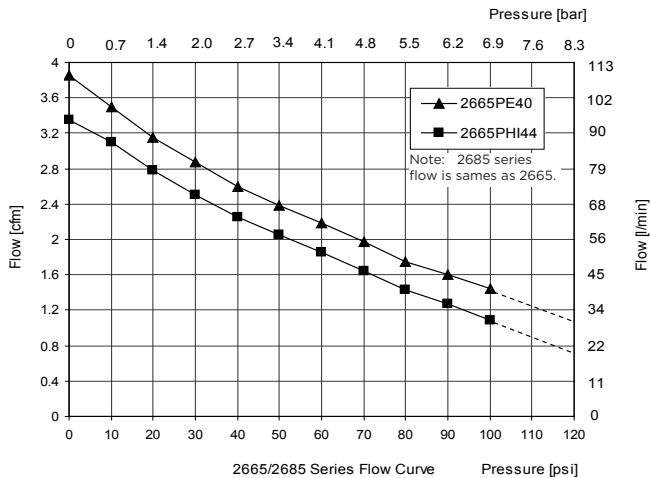


2665



2685

Unit supplied with intake filter assembly and safety valve



PERFORMANCE DATA		
	T14-0188	T14-0188
Model Number	2665PE40 / 2685PE40	2665PHI44 / 2685PHI44
Head Configuration	Parallel pressure flow	Parallel pressure flow
Stroke	0.40 in. (10.2 mm)	0.44 in. (11.2 mm)
Nominal voltage input	115V 60Hz	220-240V 50Hz
Max. open air flow	3.8 cfm (107.6 l/min)	3.4 cfm (96.3 l/min)
Max. rated operating pressure	100 psig (6.9 bar)	100 psig (6.9 bar)
Current at rated pressure	5.7A	2.3A
Power at rated pressure	625W	500W
Max. pressure restart	100 psig (6.9 bar)	100 psig (6.9 bar)
Max. intermittent operating pressure	120 psig (8.3 bar)	120 psig (8.3 bar)
Max. vacuum	Not applicable	Not applicable
Max. vacuum restart	Not applicable	Not applicable

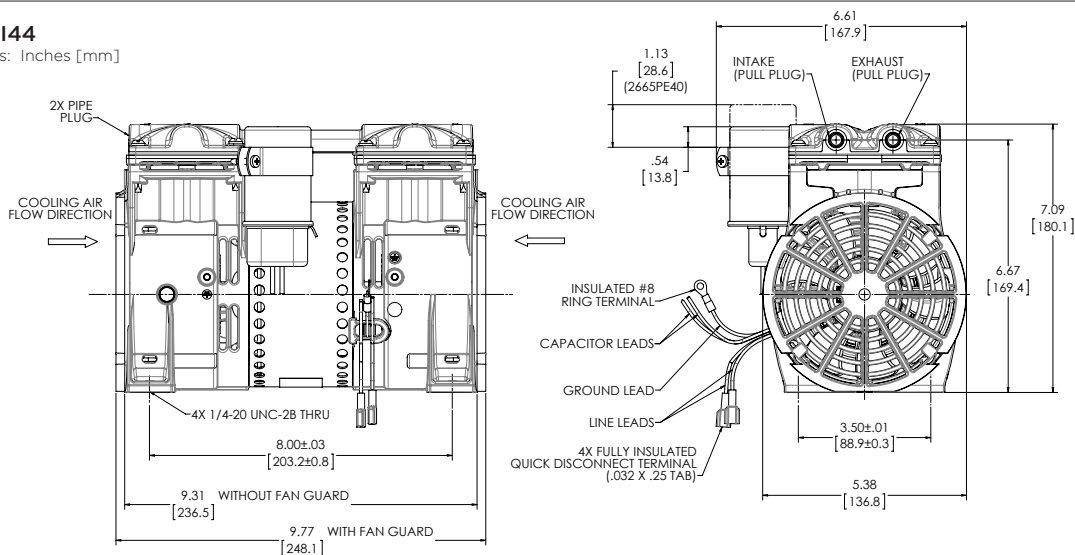
ELECTRICAL DATA		
Motor type [Capacitor value]	P. S. C. [35 µF]	P. S. C. [12.5 µF]
Motor insulation class	B	B
Thermal protection [Open temperature]	Yes [145°C ±5°C]	Yes [120°C ±5°C]
Line lead wire color, gauge	Brown (hot), blue (neutral), 18 AWG	Brown (hot), blue (neutral), 18 AWG
Capacitor lead wire color, gauge	Black, black, 18 AWG	Black, black, 18 AWG

GENERAL DATA		
Operating ambient temperature	10 to 40 °C	10 to 40 °C
Safety Certification	CUR	EU Declaration of Incorporation upon request
Net weight	16.0 lbs (7.3 kg) / 16.4 lbs (7.4 kg)	16.0 lbs (7.3 kg) / 16.4 lbs (7.4 kg)
Field service repair kit part number	SK268540	SK268540

## PRODUCT DIMENSIONS

### 2685PHI44

Dimensions: Inches [mm]



PUMP AND COMPRESSOR SOLUTIONS FOR OEMS WORLDWIDE

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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 the intended use and the user assumes all risk and liability in connection there with. Thomas does not warrant, guarantee or assume any obligation or liability in connection with this information.

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