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- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

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**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)

## Welch\* DuoSeal\* High-Vacuum Pumps



Rugged, durable pumps are ideal for demanding applications such as Schlenk drying lines, freeze drying, vacuum distillations, concentrating and degassing

The ruggedness is a result of reduced frictional wear (less than 580rpm vs. typical 1750rpm direct-drive pumps) and high contamination tolerance (contaminants diluted due to large oil capacity).

**Includes:** V-belts, pulleys, belt-guard, oil supply, 3-wire cord (except 01-105-1 which must be conduit wired), plug, inline switch and instructions.

01-100

Description											
<ul style="list-style-type: none"> <li>■ Dual-voltage models come wired for lowest voltage listed in specifications chart; may be converted to higher voltage listed by rewiring</li> <li>■ Wiring diagram supplied with each model</li> <li>■ All models are single phase</li> </ul>											
Model	Free Air Displacement	Vacuum (Ultimate)	Motor Power	Pump Speed	Oil Capac.	Dimensions (L x W x H)	Ship. Wt.	Mfr. No.	Cat. No.	Quantity	Price
<b>One Stage</b>											
1380	160L/min. (5.6cfm)	2Pa (1.5 x 10 <sup>-2</sup> torr)	1/2hp	525rpm	33/4 qt. (3.5L)	20 x 12 x 15 in. (51 x 31 x 38cm)	116 lb. (53kg)	1380B 01	<a href="#">01-107-1<sup>1</sup></a>		Each for \$2,786.25
1399	35L/min. (1.2cfm)	2Pa (1.5 x 10 <sup>-2</sup> torr)	1/3hp	750rpm	1/2 qt. (0.47L)	17 x 9 x 10 in. (43 x 23x 25cm)	61 lb. (28kg)	1399B 01	<a href="#">01-103</a>		Each for \$1,628.83
<b>Two Stage</b>											
1374	650L/min. (23cfm)	13.3MPa (1 x 10 <sup>-4</sup> torr)	1 1/2hp	510rpm	1 1/4 qt. (1.2L)	26 x 13 3/4 x 18 3/4 in. (66 x 35 x 48cm)	231 lb. (105kg)	1374B 01	<a href="#">01-105-1</a>		Each for \$6,086.00
1397	500L/min. (17.7cfm)	13.3MPa (1 x 10 <sup>-4</sup> torr)	1hp	400rpm	1 1/4 qt. (1.2L)	26 x 13 11/16 x 18 3/4 in. (66 x 35 x 48cm)	224 lb. (102kg)	1397B 01	<a href="#">01-100-15</a>		Each for \$5,080.57
1376	300L/min. (10.6cfm)	13.3MPa (1 x 10 <sup>-4</sup> torr)	1hp	525rpm	2 1/2 qt. (2.4L)	20 x 14 1/8 x 15 3/8 in. (51 x 36 x 39cm)	177 lb. (80kg)	1376B 01	<a href="#">01-106</a>		Each for \$3,856.39
1402	160L/min. (5.6cfm)	13.3MPa (1 x 10 <sup>-4</sup> torr)	1/2hp	525rpm	2 1/4 qt. (2.1L)	20 x 12 x 15 in. (50 x 30.5 x 38cm)	128 lb. (58kg)	1402B 01	<a href="#">01-100</a>		Each for \$2,798.58
1405	90L/min. (3.2cfm)	13.3MPa (1 x 10 <sup>-4</sup> torr)	1/2hp	525rpm	1/4 qt. (0.24L)	20 x 12 x 15 in. (50 x 30.5 x 38cm)	128 lb. (58kg)	1405B 01	<a href="#">01-099</a>		Each for \$2,618.85
1400	25L/min. (0.9cfm)	13.3MPa (1 x 10 <sup>-4</sup> torr)	1/3hp	580rpm	5/8 qt. (0.59L)	17 3/4 x 9 x 12 5/8 in. (45 x 23 x 32cm)	68 lb. (31kg)	1400B 01	<a href="#">01-096</a>		Each for \$1,894.82
1400	25L/min. (0.9cfm)	13.3MPa (1 x 10 <sup>-4</sup> torr)	1/3hp	580rpm	5/8 qt. (0.59L)	6 1/2 x 7 1/2 x 10 3/4 in. (16 x 19 x 27cm)	33 lb. (15kg)	1400	<a href="#">01-097<sup>2</sup></a>		Each for \$1,576.45

<sup>1</sup>International Model for 115/230V 50Hz available on special order.

<sup>2</sup>Without motor, base or belt. Pump only.



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