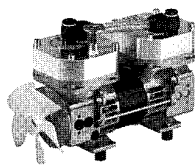
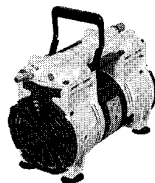


Your Application and Budget Requirements

Two-Stage Pumps To 1.5 Torr and 100 L/min



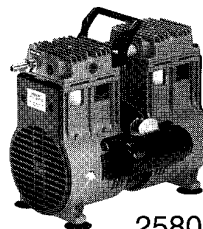
8111B-24



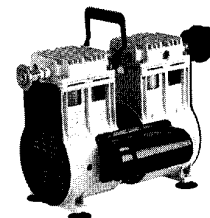
2562B-01



2561B-24



2580B-01

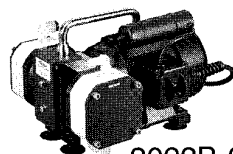


2581B-24

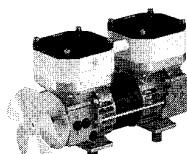
Welch Model ¹	8111 ³	2562 ⁴	2561	2580 ⁴	2581 ⁴
Free Air Displacement CFM(L/Min) @60Hz m ³ /hr(L/Min) @50Hz	1.3(36) 1.8(30)	2.3(65) 3.4(57)	2.1(60) 36(50)	3.5(99) 4.9(83)	3.5(100) 5.0(83)
Ult. Press., Torr(mbar)	1.5(2)	7.5(10)	4(5)	9(12)	4 (5)
Max. Vacuum, in. Hg	29.9	29.6	29.8	29.6	29.8
Motor HP	1/6	1/3	1/3	1/3	1/3
Tubing Needed, I.D. in.	NW 16 flange	3/8(10)	1/4(7)	3/8(10)	NW 25 Flange
Weight, lbs.(kg)	13(5.9)	16.5(7.5)	16.5(7.5)	22.5(10.3)	22.5(10.3)
Shipping Weight lbs.(kg)	17.3(7.9)	21.5(9.7)	21.5(9.7)	27.5(12.5)	30(13.6)
Dimensions(LxWxH) in. (mm)	10.25x5x7.25 (261x27x189)	11.7x7.2x9.5 (296x183x240)	11.7x7.2x9.5 297x183x241	11.1x9.2x11 (282x234x279)	13.25x7.6x11.7 (336x193x297)
Cat. No. 115V, 60Hz, 1Ph	8111B-24	2562B-01	2561B-24	2580B-01	2581B-24
Cat. No. 230V, 50Hz, 1Ph ²	8111C-24	2562C-02	2561C-24	2580C-02	2581C-24

- Note: 1. Standard Duty pumps are not recommended for pumping organic, acidic and basic vapors.
 2. 50Hz models supplied with CE marking.
 3. Model 8111 is designed for placement within a system enclosure.
 4. Models 2561, 2562, 2580, and 2581 are UL listed.

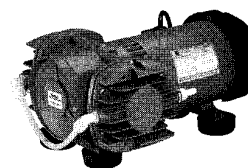
Two-Stage Pumps To 9 Torr and 88 L/min



2022B-01
2030B-01



2024B-01



2090B-01

Welch Model	2022	2024 ³	2030	2090 ²
Free Air Displacement CFM(L/Min) @60Hz m ³ /hr(L/Min) @50Hz	0.78(22) 1.1(18)	1.2(34) 1.7(28)	1.1(32) 1.7(26.7)	3.1(88) 4.4(73)
Ult. Press., Torr(mbar)	9(12)	9(12)	9(12)	25(33)
Max. Vacuum, in. Hg	29.6	29.6	29.6	29.0
Motor HP	1/5	1/6	1/5	1/2
Tubing Needed, I.D. in.	1/4(7)	1/4(7)	1/4(7)	7/16(11)
Weight, lbs.(kg)	14(6.4)	13.3(6.7)	20(9.1)	32(14.5)
Shipping Weight lbs(kg)	18(8.2)	17.3(7.9)	22(10)	37(16.8)
Dimensions(LxWxH) in. (mm)	10X10X6.9 (254X254X17.5)	11X4.8X6.8 (279x122x173)	10x10x9 254x254x175	15.3x11.1x6.6 (389x282x168)
Cat. No. 115V, 60Hz, 1Ph	2022B-01	2024B-01	2030B-01	2090B-01
Cat. No. 230V, 50Hz, 1Ph ¹	2022C-02	2024C-02	2030C-02	2090C-02

- Note: 1. 50Hz models supplied with CE marking except 2090C-02.
 2. Model 2090 employs a PTFE coated head, stainless steel valves and a PTFE liner over the diaphragm.
 3. Model 2024 is designed for placement within a system enclosure.