

Welch®

**OEM, Industrial & Refrigeration Catalog
2005-2006**

**Vacuum Regulators, Vacuum Gauges
Service Kits**

Catalog Pages 29-30

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Vacuum Regulators, Vacuum Gauges & Service Kits

Vacuum Regulators



1422A Bench Mount



1421 & 1421D Pump Mount

PUMP MODEL	CAT. NO.
2010, 2012, 2022, 2030, 2015, 2017 2021, 2031, 2561, 2567, 2581, 2585	1422A
2012, 2022, 2030, 2015 2017, 2010, 2021, 2031	1421D
8890	1421

Model 1422A connects to pump intake via hose for easy regulation of vacuum level. Position on bench top. Corrosion resistant construction. Requires 1/4 in. (7 mm) ID hose (cat. no. 331030-5).

Model 1421 & 1421D replaces inlet barb and allows easy regulation of vacuum level. Includes an easy to read dial gauge. Cat. No. 1421D-All stainless steel construction. Cat. No. 1421-Brass Construction.

CAUTION: Do not use with DUOSEAL®, CHEMSTAR® or Direct-Drive pumps.

Dial Pressure & Vacuum Gauge



Dial Diameter	Units of Measure	Connection	CAT. NO.
2 in. O.D.	in. Hg, cm Hg (Brass)	1/8" male NPT	726021
2 in. O.D.	Pascal (Brass)	1/8" male NPT	726022
2.5 in. O.D.	in. Hg, mm Hg (Brass)	1/4" male NPT	726020
2 in. O.D.	in. Hg, kPa (Stainless)	1/8" male NPT	726023
2 in. O.D.	mbar/kPa (Brass)	1/8" male NPT	726024
2 in. O.D.	psi/kgsm	1/8" male NPT	726025
2 in. O.D.	kPa/psi	1/8" male NPT	726026

Inexpensive gauge for measuring vacuum level. Not an absolute pressure gauge. Gauge uses atmospheric pressure as reference.

Thermocouple Vacuum Gauges



- Vacuum measurement to low millitorr (micron) range
- Rugged, reliable thermocouple gauge sensor tube

Gauges provide an accurate, reliable measurement of vacuum. Self-contained gauges with solid-state electronics for rapid response time, long life and low maintenance. Come with 0 to 10 VDC recorder output. The gauge sensor tubes are designed to assure maximum sensitivity over the entire vacuum range. Gauge sensor tube connected to system via 1/8" NPT thread. Each gauge comes with one sensor tube and one cable. Dimensions of 7" L x 5" D x 5.6" H (17.8 x 12.7 x 14.1); Weight 2 lbs(0.9 kg).

Gauge CAT. NO.	Range(millitorr)	Voltage	Protective Trap CAT. NO.	Replacement Sensor Tube CAT. NO.
1515	0 to 5000	115V, 60Hz 1 Ph	1515B	1515A

Standard Duty Dry Piston Pump Kits



Pump Model	Kit No.	Description
2522	2522K-01 2522K-03	Service Kit One Head Service Kit, 2522
2534	2534K-01 2534K-03	Service Kit One Head Service Kit, 2534
2546	2546K-01 2546K-03	Service Kit One Head Service Kit, 2545
2522, 2534, 2545, 2546	2522K-04 2522K-05 2522K-06 2522K-07 2522K-08 2522K-09	Seal Service Kit Vacuum Reg Kit, in. Hg/cm Hg Pressure Reg Kit, kPa/psi Vacuum Reg Kit, kPa/mbar Vacuum Reg Kit, kPa/in. Hg Pressure Reg Kit, psi/cm Hg
2580, 2585	2585K-01 2585K-02 2585K-03 2585K-04	Connecting Rod Assembly Valve Plate Assembly Two Head Service Kit, 2585 Seal Service Kit, 2585
2562/2567	2567K-03 2567K-04	Two Head Service Kit, 2562 Seal Service Kit, 2562
2561	2561K-03 2561K-04	Two Head Service Kit, 2561 Seal Service Kit, 2561
2581	2581K-03 2581K-04	Two Head Service Kit, 2581 Seal Service Kit, 2581
All Models WOB-L® Dry Pump	2500K-04	Service Kit for Feet

Service Kits

Chemical Duty Dry PTFE Diaphragm Pumps



Pump Model	Kit No.	Description
2010	2010K-01	One head service kit
2012, 2015, 2022	2022K-01 2025K-01	One head service kit, S/N <EG040000 One head service kit, S/N >EG050000
2016, 2024, 2030	2025K-01	One head service kit
202501	2025K-01 2025K-02 2025K-06	One head service kit Tubing service kit for 202501, S/N <EC091299 Tubing service kit for 202501, S/N >EC091300
2021, 2031	2027K-01	One head service kit
202601, 202701	2027K-01 2025K-06	One head service kit Tubing service kit

Diaphragm Pumps



Pump Model	Kit No.	Description
8111	8111K-01	Two head diaphragm and valve kit
2085, 2090	2090K-01 2090K-02	One head diaphragm kit Valve plate service kit

DUOSEAL® Vacuum Pumps



Pump Model	Kit No.	Description
1400	1400K-03 1400K-04	Minor repair kit, 1400 Major repair kit, 1400
1402	1402K-05 1402K-06	Minor repair kit, 1402 Major repair kit, 1402
1405	1405K-05 1405K-06	Minor repair kit, 1405 Major repair kit, 1405
1376	1376K-05 1376K-06	Minor repair kit, 1376 Major repair kit, 1376
1397, 1374	1397K-07 1397K-08	Minor repair kit, 1397 & 1374 Major repair kit, 1397 & 1374
1399	1399K-03 1399K-04	Minor repair kit, 1399 Major repair kit, 1399
1373	1373K-05 1373K-06	Minor repair kit, 1373 Major repair kit, 1373

CHEMSTAR® Vacuum Pumps



Pump Model	Kit No.	Description
1400N	1400K-09 1400K-10	Minor repair kit, Chemstar 1400N Major repair kit, Chemstar 1400N
1402N	1402K-09 1402K-10	Minor repair kit, Chemstar 1402N Major repair kit, Chemstar 1402N
1376N	1376K-09 1376K-10	Minor repair kit, Chemstar 1376N Major repair kit, Chemstar 1376N

Direct-Drive Vacuum Pumps



Pump Model	Kit No.	Description
8890	8890K-02	Minor repair kit, 8890
8905	8905K-02 8905K-03	Minor repair kit, 8905 Shaft seal repair kit, 8905
8907, 8912, 8917	8917K-04 8917K-05	Minor repair kit, 8907, 8912, 8917 Shaft seal repair kit, 8917
8920	8915K-02	Minor repair kit, 8920
8925	8925K-02	Minor repair kit 8925