



Absolute Dry Vacuum Pumps

Rebuild and Spare Parts Price List: Jan. 1, 1996 (Revised June 1, 2010)

Absolute 500 Rebuilt Exchange With Your Rebuildable Pump..... \$6,400.

Absolute 1200 Rebuilt Exchange With Your Rebuildable Pump..... \$10,200.

To minimize downtime if your pump fails, VRC will ship a fully rebuilt pump that meets new pump specifications and carries a 6 month warranty. You agree when buying an exchange pump to promptly ship your old pump freight prepaid to our Smallman St. address in Pittsburgh. (Prior to shipping please call for a returned goods authorization (RGA) number.) In the event your Absolute exchange pump is unrepairable, or if for any reason you are unable to give us a rebuildable pump, you will be invoiced for the difference between the rebuild and purchase price.

Rebuilt Pump Quantity Discounts

1 to 6 Pumps per year	Net Price
7 to 17 Pumps per year.....	Less 10%
18 to 35 Pumps per year.....	Less 17%
36 and above Pumps per year.....	Less 20%

These discounts can only be earned by placing a single order for the total annual Quantities. It is not necessary to provide in advance a firm schedule for the repairs. If however, the entire quantity ordered is not repaired within 12 months of the order date, all invoices (even those already paid) will be adjusted to reflect the discount actually earned.

Conversion of Direct Drive Pumps to 501 or 1201

Convert DVP-500 or Absolute 500 to Absolute 501

Conversion includes new motor, new top cover, modified crankshaft, heavy duty timing belt and pulleys for operation at 1000 RPM (14 CFM, 400 l/min, 24 m ³ /hr.)	\$3100.
Conversion to 501 as described above done at same time as a rebuild.....	\$2250.

Convert DVP-1200 or Absolute 1200 to Absolute 1201

Conversion includes new motor, new top cover, modified crankshaft, heavy duty timing belt and pulleys for operation at 1000 RPM (28 CFM, 800 l/min, 48 m ³ /hr.)	\$4300.
Conversion to 1201 as described above done at same time as a rebuild.....	\$3400.

Retrofit Soft Start Speed Control

Addition of Soft Start Speed Control and Vacuum Switch

(Note: Pump motor must be 3 phase although line voltage can be 1 or 3 phase.)

To any 2 By 5, 2 By 6, 2 By 8, 500 or 501 using 208V, 220V, 230V, 240V power, 1 or 3 phase, 50 or 60 Hz	\$2100.
If line voltage is 380V or 460V.....	\$2450.
To any 1200 or 1201 using 208V, 220V, 230V, 240V power, 1 or 3 phase, 50 or 60 Hz.....	\$2575.
If line voltage is 380V or 460V.....	\$3150.

FOB Pittsburgh, PA - Terms: Net 30 days in USA

Vacuum Research Corporation • 2419 Smallman Street • Pittsburgh, PA 15222 USA
(800) 426-9340 • (412) 261-7630 • FAX: (412) 261-7220 • vrc@vacuumresearchcorp.com

Spare Parts For Absolute 500 or 501

622471135	Motor Coupling Insert (Urethane) for 500 Direct Drive Pumps.....	\$28.00
653306056	Motor for 500 Direct Drive Pumps, 1 H.P., 3 Phase, 208-230/460V, 60 Hz, 190/380 V, 50 Hz, TEFC.....	\$470.00
653306009	Motor for 500 Direct Drive Pumps, 1 H.P., 1 Phase, 60 Hz only, TEFC	\$470.00
653306092	Motor for 501 Belt Drive Pumps, 1 H.P., 3 Phase, 60 Hz, TEFC	\$480.00
653306100	Motor for 501 Belt Drive Pumps, 1 H.P., 1 Phase, 60 Hz, TEFC	\$480.00
500300090	Timing Belt for 501's Shipped August 94 or before (76 teeth, 3/8" pitch, 1" wide)	\$56.00
500300075	Timing Belt for 501's Shipped Sept. 94 and after (72 teeth, 3/8" pitch, 1" wide).....	\$56.00
L7018001	Cylinder # 1, 2, or 3..... \$500.00 L7019001 Cylinder #4.....	\$540.00
L7022001	KF 40 Inlet Flange Kit..... Contains: KF 40 Flange, Blank-off Range, Centering Ring, Viton O-ring, Clamp, Screws and Washers	\$105.00
L7036302	Piston & Connecting Rod Assembly (Cylinders 1-4)	\$720.00 ea., or \$2650.00 for set of 4
	Contains: Piston, Connecting Rod, Piston Top, Dynamic Seal and Retainer, Wrist Pin, 2 Viton O-Rings, 2 Bearings, Screws & Washers NOTE: 4 Required for each Pump	
L7094302	Top Cover Assembly including KF 40 Exhaust Connector.....	\$350.00
46995008	Top Cover Assembly including KF 25 Exhaust Connector.....	\$350.00
46995 001	Shaft & Bearing Assembly Kit	\$1025.00
	Contains: Shaft, 4 Large and 2 Small Bearings, 4 Eccentric Collars, 2 Lock Nuts, 2 Spacers, 2 Keys	
46995 006	Hole Plugs Kit for Heads (24 plugs in kit).....	\$18.00
46995011	Wrist Pin Bearing & Wrist Pin Set Contains: 8 Bearings, and 4 Wrist Pins.....	\$280.00
46995012	Valve Plate Assembly Kit	\$540.00 ea., \$2000.00 for set of 4
	Contains: Cylinder Valve Plate, Guide Block (exhaust), Guide Block (intake), Vulcanized Viton Exhaust Valves, Vulcanized Viton Intake Valves, Shoulder Washer, Spring (exhaust), Spring (intake), 3 Bearings, Screws, Washers, and Viton O-Ring. NOTE: 4 required per pump	
46995 013	Viton O-Ring Kit, Contains: Pump O-Rings (Viton), and 4 Dynamic Seals	\$400.00
46995 015	4th Cylinder Exhaust Kit..... Contains: Guide Block, 2 Vulcanized Viton Exhaust Valves, 2 Springs, 2 Bearings, Screws and Washers	\$250.00
46995 016	High Pressure Exhaust Kit	\$210.00
	Contains: Guide Block, 2 Vulcanized Viton Exhaust Valves, 2 Springs, 2 Bearings, Screws and Washers	
661300 056	4 inch Cooling Fan, 2 per Pump, 208-230 V, 50/60 Hz	price each \$80.00

Spare Parts For Absolute 1200 or 1201

622471137	Motor Coupling Insert (Hytre) for 1200 Direct Drive Pumps.....	\$28.00
L7178001	Motor for 1200 Direct Drive Pumps, 2 H.P., 3 Phase, 208-230 / 460V, 60 Hz, 190/380 V, 50 Hz, TEFC.....	\$840.00
653306110	Motor for 1201 Direct Drive Pumps, 3 H.P., 3 Phase, 208-230 / 460V, 60 Hz, TEFC	\$450.00
500300120	Timing Belt for 1201's Shipped August 94 or before (66 teeth, 1/2" pitch, 1" wide)	\$40.00
500300075	Timing Belt for 1201's Shipped Sept. 94 and after.....	\$40.00
L7112001	Cylinder # 1, 2 (Large)..... \$500.00 L7113001 Cylinder #3 (Small)	\$500.00
L7108001	Cylinder #4 (Small).....	\$540.00
L7120001	KF 50 Inlet Flange Kit,..... Contains: Blank Off Flange, Centering Ring, Clamp, Viton O-Ring, Screws & Washers	\$105.00
L7169301	Piston & Connecting Rod Assembly (Cylinders 1 & 2)	\$700.00 ea., or \$1400.00 for two
	Contains: Piston, Connecting Rod, Piston Top, Dynamic Seal, Dynamic Seal Retainer, Wrist Pin, 2 Viton O-Rings, 2 Bearings, Screws & Washers. NOTE: 2 Required for each Pump	
L7036302	Piston & Connecting Rod Assembly (Cylinders 3 & 4)	\$640.00 ea., or \$1290.00 for two
	Contains: Piston, Connecting Rod, Piston Top, Dynamic Seal, Dynamic Seal Retainer, Wrist Pin, 2 Viton O-Rings, 2 Bearings, Screws & Washers. NOTE: 2 Required for each Pump	
46995 001	Shaft & Bearing Assembly Kit	\$1025.00
	Contains: Shaft, 4 Large Bearings, 2 Small Bearings, 4 Eccentric Collars, 2 Lock Nuts, 2 Spacers, 2 Keys	
46995 006	Hole Plugs Kit for Heads (21 plugs in kit).....	\$18.00
L7123301	Top Cover Assembly with KF-40 Exhaust Connector, Fan not Included	\$350.00
661300066	6 Inch Fan for 1200, 208 - 230V, 50 / 60 Hz	\$95.00
L7183001	Wrist Pin Bearing & Wrist Pin Kit (Set of 4) Contains: 8 Bearings, and 4 Wrist Pins	\$210.00
L7127001	Valve Plate Assembly Kit (Cylinders 1 & 2).....	\$540.00 ea., \$1080.00 for two
	Contains: Cylinder Valve Plate, Guide Blocks (exhaust), Guide Blocks (intake), Vulcanized Viton Exhaust Valves, Vulcanized Viton Intake Valves, Shoulder Washers, Springs (exhaust), Springs (intake), 6 Bearings, Screws, Washers, and Viton O-Ring. NOTE: 2 required per pump	
L7187001	Valve Plate Assembly Kit (Cylinders 3 & 4).....	\$470.00 ea., \$940.00 for two
	Contains: Cylinder Valve Plate, Guide Blocks (exhaust), Guide Blocks (intake), Vulcanized Viton Exhaust Valves, Vulcanized Viton Intake Valves, Shoulder Washer, Spring (exhaust), Spring (intake), 3 Bearings, Screws, Washers, and Viton O-Ring. NOTE: 2 required per pump	
L7186001	Viton O-Ring Service Kit, Contains: All Pump O-Rings (Viton), and 4 Dynamic Seals	\$400.00
L7184001	4th Cylinder Exhaust Kit..... Contains: Guide Block, 2 Vulcanized Viton Exhaust Valves, Springs, Bearings, Screws and Washers	\$210.00
L7185001	High Pressure Exhaust Kit	\$420.00
	Contains: Guide Block, 4 Vulcanized Viton Exhaust Valves, 4 Springs, 4 Bearings, Screws and Washers	