

Surplus UHV Components for Sale

(update: undefined)

The listed items are available for sale. The items are in well-used and good condition. Interested parties should contact James L. Erskine (e-mail: erskine@physics.utexas.edu) for additional information. Submit your offer directly to James L. Erskine via e-mail (erskine@physics.utexas.edu) or call (512) 471-1464.

❖ **Web Site:** <http://www.ph.utexas.edu/~esp/surplus/surplus.html>

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Ion Pump

Tag #	Photo	Model	Spec	Price (\$)
1001		Varian Vacion Plus 500 Triode Ion Pump (Model No: 919-0206)	Pumping Speed: 500 L/S, Pump Type: Triode Flange Type: conflat, Flange Size: 8" Ultimate Pressure: 1.0E-11 mbar Maximum Baking Temp: 350 C Dimension: 22.22"x17.72"x12.01", Weight: 297 lb	
1002		Varian Vacion Plus 500 Starcell Ion Pump w/ double ended (Model No: 919-0106SP)	Pumping Speed: 500 L/S, Pump Type: Starcell Flange Type: conflat, Flange Size: 8" Ultimate Pressure: 1.0E-11 mbar Maximum Baking Temp: 350 C Dimension: 25"x17.72"x12.01", Weight: 297 lb	
1003		Varian Vacion 220 Triode Ion Pump w/ double ended (Model No: 912-7014SP)	Pumping Speed: 220 L/S, Pump Type: Triode Flange Type: conflat, Flange Size: 8" Ultimate Pressure: 1.0E-11 mbar Maximum Baking Temp: 350 C Dimension: 25"x10.62"x12.25", Weight: 251 lb	
4004		Varian Vacion 220 Triode Ion Pump w/ double ended (Model No: 912-2222)	S/N:H6F4228 Pumping Speed: 220 L/S, Pump Type: Triode Flange Type: conflat, Flange Size: 8" Ultimate Pressure: 1.0E-11 mbar Maximum Baking Temp: 350 C Dimension: 25"x10.62"x12.25", Weight: 251 lb	Sold Out

1005		<p>Varian Vacion 220 Triode Ion Pump w/ double ended (Model No: 912-2222)</p>	<p>S/N:H6F4227 Pumping Speed: 220 L/S, Pump Type:Triode Flange Type:conflat, Flange Size: 8" Ultimate Pressure:1.0E-11 mbar Maximum Baking Temp: 350 C Dimension: 25"x10.62"x12.25", Weight: 251 lb</p>	
1006		<p>Varian Vacion 110 Triode Ion Pump (Model No: 912-7006)</p>	<p>Pumping Speed: 110 L/S, Pump Type:Triode Flange Type:conflat, Flange Size: 8" Ultimate Pressure:1.0E-11 mbar Maximum Baking Temp: 350 C Dimension: 16.88"x8.5"x12.25", Weight: 187 lb</p>	
1007		<p>Varian Vacion 110 Triode Ion Pump (Model No: 912-7006)</p>	<p>Pumping Speed: 110 L/S, Pump Type:Triode Flange Type:conflat, Flange Size: 8" Ultimate Pressure:1.0E-11 mbar Maximum Baking Temp: 350 C Dimension: 16.88"x8.5"x12.25", Weight: 187 lb</p>	
1008		<p>Varian Vacion 30 Triode Ion Pump (Model No: 911-5032)</p>	<p>S/N:H6E4045 Pumping Speed: 30 L/S, Pump Type:Triode Flange Type:conflat, Flange Size: 4.5" Special Port:2.75" auxillary pumpout port Ultimate Pressure:1.0E-11 mbar Maximum Baking Temp: 350 C Dimension: 9.5"x5.2"x8.56", Weight: 34 lb</p>	
1009		<p>Varian Vacion 30 Triode Ion Pump (Model No: 911-5032)</p>	<p>S/N:H6E4046 Pumping Speed: 30 L/S, Pump Type:Triode Flange Type:conflat, Flange Size: 4.5" Special Port:2.75" auxillary pumpout port Ultimate Pressure:1.0E-11 mbar Maximum Baking Temp: 350 C Dimension: 9.5"x5.2"x8.56", Weight: 34 lb</p>	
1010		<p>Ultek (Perkin Elmer) D-I Ion Pump 400 L/S</p>	<p>Pumping Speed: 400 L/S, Pump Type:D-I Diode Flange Type:conflat, Flange Size: 8" Maximum Starting Pressure:1.0E-3 mbar Ultimate Pressure:1.0E-11 mbar Operating Bakeout Temp: 250 C (pump on) Maximum Baking Temp: 350 C (pump off) Dimension: 15.88"x15.88"x20.75", Weight: 325 lb</p>	
1011		<p>Ultek (Perkin Elmer) 800 L/S Ion Pump with TSP (Model:995-0207)</p>	<p>Pumping Speed: 800 L/S, Pump Type:Diode Flange Type:conflat, Flange Size: 13.25" # of pump elements:42 # of HV feedthroughs: 4 Combo-vac:TSP & LN2 cooling unit Ultimate Pressure:1.0E-11 mbar Operating Bakeout Temp: 250 C (pump on) Maximum Baking Temp: 350 C (pump off) Dimension: 23"x25"x32", Weight: 1200 lb</p>	

1012		<p>Varian Mini Ion Pump with Magnet (Model:913-0041)</p>	<p>Flange Type:conflat, Flange Size: 2.75" Magnet:Alnico 5 (Model:913-0042) Pressure Range:1.0E-2 to less than 1.0E-9 Torr Maximum Baking Temp: 400 C (pump off) Operating Voltage: 3~3.5 kV Dimension: 2.75"x2.75"x2.75", Weight: 1 lb</p>	
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Angle Valve

Tag #	Photo	Model	Spec	Price (\$)
2001		<p>Varian UHV All-Metal Right Angle Valve, CF 2.75" (Model No: 951-5027)</p>	<p>S/N: L1B4215 Flange Type:conflat, Flange Size: 2.75" Vacuum Range: ATM to 1.0E-11 mbar Sealing Material: copper alloy Bakeable Temp: up to 450 C Dimension: 3.75"x6"x11.9", Weight: 7.0 lb</p>	Sold Out
2002		<p>Varian UHV All-Metal Right Angle Valve, CF 2.75" (Model No: 951-5027)</p>	<p>S/N: L1B4190 Flange Type:conflat, Flange Size: 2.75" Vacuum Range: ATM to 1.0E-11 mbar Sealing Material: copper alloy Bakeable Temp: up to 450 C Dimension: 3.75"x6"x11.9", Weight: 7.0 lb</p>	Sold Out
2003		<p>Varian UHV All-Metal Right Angle Valve, CF 2.75" (Model No: 951-5027)</p>	<p>S/N: L1B4196 Flange Type:conflat, Flange Size: 2.75" Vacuum Range: ATM to 1.0E-11 mbar Sealing Material: copper alloy Bakeable Temp: up to 450 C Dimension: 3.75"x6"x11.9", Weight: 7.0 lb</p>	
2004		<p>Varian UHV All-Metal Right Angle Valve, CF 2.75" (Model No: 951-5027)</p>	<p>S/N: LHACL 901101 Flange Type:conflat, Flange Size: 2.75" Vacuum Range: ATM to 1.0E-11 mbar Sealing Material: copper alloy Bakeable Temp: up to 450 C Dimension: 3.75"x6"x11.9", Weight: 7.0 lb</p>	
2005		<p>Varian UHV All-Metal Right Angle Valve, CF 2.75" (Model No: 951-5027)</p>	<p>S/N: L1B4218 Flange Type:conflat, Flange Size: 2.75" Vacuum Range: ATM to 1.0E-11 mbar Sealing Material: copper alloy Bakeable Temp: up to 450 C Dimension: 3.75"x6"x11.9", Weight: 7.0 lb</p>	

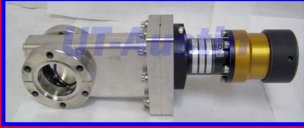

2006		<p>Varian UHV All-Metal Right Angle Valve, CF 2.75" (Model No: 951-5027)</p>	<p>S/N: LHACL 9011018 Flange Type:conflat, Flange Size: 2.75" Vacuum Range: ATM to 1.0E-11 mbar Sealing Material: copper alloy Bakeable Temp: up to 450 C Dimension: 3.75"x6"x11.9", Weight: 7.0 lb</p>	Sold Out
2007		<p>Varian UHV All-Metal Right Angle Valve, CF 2.75" (Model No: 951-5027)</p>	<p>S/N: LHACL 9011004 Flange Type:conflat, Flange Size: 2.75" Vacuum Range: ATM to 1.0E-11 mbar Sealing Material: copper alloy Bakeable Temp: up to 450 C Dimension: 3.75"x6"x11.9", Weight: 7.0 lb</p>	Sold Out
2008		<p>Varian UHV All-Metal Right Angle Valve, CF 1.33" (Model No: 951-5014)</p>	<p>S/N: LHABA 0003025 Flange Type:conflat, Flange Size: 1.33" Vacuum Range: ATM to 1.0E-11 mbar Sealing Material: copper alloy Bakeable Temp: up to 450 C Dimension: 1.34"x2.6"x3.78", Weight: 2.0 lb</p>	Sold Out
2009		<p>Varian UHV All-Metal Right Angle Valve, CF 1.33" (Model No: 951-5014)</p>	<p>S/N: 763 Flange Type:conflat, Flange Size: 1.33" Vacuum Range: ATM to 1.0E-11 mbar Sealing Material: copper alloy Bakeable Temp: up to 450 C Dimension: 1.34"x2.6"x3.78", Weight: 2.0 lb</p>	
2010		<p>Huntington All-Metal Bakeable Right Angle T-Valve, CF 4.5" (Model No: MS-250-T)</p>	<p>S/N: 21834-3 Flange Type:conflat, Flange Size: 4.5" Sealing Technique: OFE copper gaskets Poppet Seal: Tapered, Bonnet Seal:"Tri-Flange" Seal Pressure Range: ATM~1.0E-13 Torr Operating Temp: -20 C ~ 300 C Bakeout Temp:450 C Dimension: 4.5"x8.24"x14.24", Weight:20 lb</p>	
2011		<p>Huntington All-Metal Bakeable Right Angle T-Valve, CF 4.5" (Model No: MS-250-T)</p>	<p>S/N: 13205 Flange Type:conflat, Flange Size: 4.5" Sealing Technique: OFE copper gaskets Poppet Seal: Tapered, Bonnet Seal:"Tri-Flange" Seal Pressure Range: ATM~1.0E-13 Torr Operating Temp: -20 C ~ 300 C Bakeout Temp:450 C Dimension: 4.5"x8.24"x14.24", Weight:20 lb</p>	Sold Out
2012		<p>Huntington All-Metal Bakeable Straight-Through Valve, CF 2.75", w/ roughing port (Model No: MS-154)</p>	<p>S/N: 10651 Flange Type:conflat, Flange Size: 2.75" Sealing Material: OFE copper Pressure Range: ATM~1.0E-11 Torr Operating Temp: -20 C ~ 300 C Bakeout Temp:450 C Dimension: 7"x7.5"x4", Weight: 7.0 lb</p>	Sold Out

2013		<p>Huntington All-Metal Bakeable Straight-Through Valve, CF 2.75", w/ roughing port (Model No: MS-154)</p>	<p>S/N: 22542-4 Flange Type:conflat, Flange Size: 2.75" Sealing Material: OFE copper Pressure Range: ATM~1.0E-11 Torr Operating Temp: -20 C ~ 300 C Bakeout Temp:450 C Dimension: 7"x7.5"x4", Weight: 7.0 lb</p>	
2014		<p>Huntington Viton-Sealed Right Angle Valve, CF 2.75", (Model No: EV-150)</p>	<p>S/N: 10039 Flange Type:conflat, Flange Size: 2.75" Sealing Technique: Viton gasket Pressure Range:ATM to 1.0E-9 Torr Operating Temp: -20 C ~ 150 C Bakeout Temp:200 C Dimension: 3"x4"x7.96", Weight: 2.0 lb</p>	
2015		<p>Huntington Viton-Sealed Right Angle Valve, CF 2.75", (Model No: EV-150)</p>	<p>S/N: 9253 Flange Type:conflat, Flange Size: 2.75" Sealing Technique: Viton gasket Pressure Range:ATM to 1.0E-9 Torr Operating Temp: -20 C ~ 150 C Bakeout Temp:200 C Dimension: 3"x4"x7.96", Weight: 2.0 lb</p>	Sold Out
2016		<p>Huntington Viton-Sealed Right Angle Valve, CF 2.75", (Model No: EV-150)</p>	<p>S/N: 10775 Flange Type:conflat, Flange Size: 2.75" Sealing Technique: Viton gasket Pressure Range:ATM to 1.0E-9 Torr Operating Temp: -20 C ~ 150 C Bakeout Temp:200 C Dimension: 3"x4"x7.96", Weight: 2.0 lb</p>	
2017		<p>Perkin Elmer Viton-Sealed Right Angle Valve, CF 2.75", (Model No: 2531510)</p>	<p>Flange Type:conflat, Flange Size: 2.75" Conductance: 40 l/s with the valve open Sealing Technique: Viton gasket Pressure Range:ATM to 1.0E-9 Torr Operating Temp: -20 C ~ 150 C Bakeout Temp:200 C Dimension: 3.13"x4.10"x7.69", Weight: 2.0 lb</p>	
2018		<p>Huntington Viton-Sealed Right Angle Valve, CF 1.33", (Model No: EV-0370)</p>	<p>Flange Type:conflat, Flange Size: 1.33" Sealing Technique: Viton gasket Pressure Range:ATM to 1.0E-9 Torr Operating Temp: -20 C ~ 150 C Bakeout Temp:200 C Dimension: 2.25"x3"x4.69", Weight: 1.0 lb</p>	
2019		<p>MDC Viton-Sealed Right Angle Valve, CF 4.625", (Model No: AV-300M)</p>	<p>S/N:91-29593, Part Number:312041 Flange Type:conflat, Flange Size: 4.625" Bonnet Sealing: OFE copper Poppet Sealing: Viton elastomer Pressure Range:ATM to 1.0E-11 Torr Temperature Range:200 C open/150 C closed Dimension: 6"x8"x10.5", Weight: 19 lb</p>	

UHV Gate Valve







Tag #	Photo	Model	Spec	Price (\$)
3001		VAT All-Metal Gate Valve Series 48, DN100(CF-F 6\"), (Model No:48040-CE01)	Fabrication #: :F-60318-05 Flange: CF-F 6" (Metric threads) Body Material: 304 ss Sealing: Metal (body)/Metal(gate) Vacuum Range: <5.0E-10 mbar Bakeable Temp: 300 C (open or closed) Dimension: 8"x30"x5", Weight: 44 lb	
3002		VAT All-Metal Gate Valve Series 48, DN63(CF-F 4.5\"), (Model No:48036-CE01)	Fabrication #: :F-40255-05 Flange: CF-F 4.5" (Metric threads) Body Material: 304 ss Sealing: Metal (body)/Metal(gate) Vacuum Range: <5.0E-10 mbar Bakeable Temp: 300 C (open or closed) Dimension: 7"x25"x3", Weight: 30 lb	Sold Out
3003		VAT All-Metal Gate Valve Series 48, DN63(CF-F 4.5\"), (Model No:48036-CE01)	Fabrication #: :F-48-60320-01 Flange: CF-F 4.5" (Metric threads) Body Material: 304 ss Sealing: Metal (body)/Metal(gate) Vacuum Range: <5.0E-10 mbar Bakeable Temp: 300 C (open or closed) Dimension: 7"x25"x3", Weight: 30 lb	
3004		VAT All-Metal Gate Valve Series 48, DN63(CF-F 4.5\"), (Model No:48036-CE44)	Fabrication #: :F-48-60289-11 Flange: CF-F 4.5" (Metric threads) Body Material: 304 ss, Actuator: Pneumatic Sealing: Metal (body)/Metal(gate) Vacuum Range: <5.0E-10 mbar Bakeable Temp: 300 C (open or closed) Dimension: 7"x24"x6.5", Weight: 31 lb	
3005		VAT UHV Gate Valve Series 10, DN200 (CF-F 10\"), (Model No: 10846-UE01)	Fabrication #: F10-55259-01 Flange: CF-F 10" (UNF threads) Body Material: 304 ss Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-9 mbar Bakeable Temp: 250 C open/200 C closed Dimension: 10"x29"x4", Weight: 62 lb	
3006		VAT UHV Gate Valve Series 10, DN160 (CF-F 8\"), (Model No: 10844-UE01-0004)	Fabrication #: F10-95064/0001 Flange: CF-F 8" (UNF threads) Body Material: 304 ss Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-9 mbar Bakeable Temp: 250 C open/200 C closed Dimension: 8"x26"x4", Weight: 40 lb	Sold Out
3007		VAT UHV Gate Valve Series 10, DN63 (CF-F 4.5\"), (Model No: 10136-UE01)	Fabrication #: F-60200-43 Flange: CF-F 4.5" (UNF threads) Body Material: 304 ss Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-9 mbar Bakeable Temp: 250 C open/200 C closed Dimension: 5"x22"x4", Weight: 20 lb	Sold Out

3008		<p>VAT UHV Gate Valve Series 10, DN63 (CF-F 4.5\"), (Model No: 10136-UE01)</p>	<p>Fabrication #::F-60200-45 Flange:CF-F 4.5" (UNF threads) Body Material:304 ss Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-9 mbar Bakeable Temp: 250 C open/200 C closed Dimension: 5"x22"x4", Weight: 20 lb</p>	Sold Out
3009		<p>VAT UHV Gate Valve Series 10, DN63 (CF-F 4.5\"), (Model No: 10136-UE01)</p>	<p>Fabrication #::F-60200-46 Flange:CF-F 4.5" (UNF threads) Body Material:304 ss Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-9 mbar Bakeable Temp: 250 C open/200 C closed Dimension: 5"x22"x4", Weight: 20 lb</p>	Sold Out
3010		<p>VAT UHV Gate Valve Series 10, DN63 (CF-F 4.5\"), (Model No: 10136-UE01)</p>	<p>Fabrication #::F-60200-50 Flange:CF-F 4.5" (UNF threads) Body Material:304 ss Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-9 mbar Bakeable Temp: 250 C open/200 C closed Dimension: 5"x22"x4", Weight: 20 lb</p>	
3011		<p>VAT UHV Gate Valve Series 10, DN63 (CF-F 4.5\"), (Model No: 10136-UE01)</p>	<p>Fabrication #::F-60200-51 Flange:CF-F 4.5" (UNF threads) Body Material:304 ss Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-9 mbar Bakeable Temp: 250 C open/200 C closed Dimension: 5"x22"x4", Weight: 20 lb</p>	
3012		<p>VAT UHV Gate Valve Series 10, DN63 (CF-F 4.5\"), (Model No: 10136-UE01)</p>	<p>Fabrication #::F-60200-52 Flange:CF-F 4.5" (UNF threads) Body Material:304 ss Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-9 mbar Bakeable Temp: 250 C open/200 C closed Dimension: 5"x22"x4", Weight: 20 lb</p>	Sold Out
3013		<p>VAT UHV Gate Valve Series 10, DN63 (CF-F 4.5\"), with 1.25" Window (Model No: 10136-UE01-X)</p>	<p>Fabrication #::F-41925-01 Flange:CF-F 4.5" (UNF threads), Window:1.25" Body Material:304 ss Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-9 mbar Bakeable Temp: 250 C open/200 C closed Dimension: 5"x22"x4", Weight: 20 lb</p>	
3014		<p>VAT UHV Gate Valve Series 10, DN63 (CF-F 4.5\"), with 1.625" Window (Model No: 10136-UE44-X)</p>	<p>Fabrication #::F-4289-01 Flange:CF-F 4.5" (UNF threads), Window:1.625" Body Material:304 ss, Actuator:Pneumatic Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-9 mbar Bakeable Temp: 250 C open/200 C closed Dimension: 5"x19"x5.5", Weight: 20 lb</p>	
3015		<p>VAT UHV Gate Valve Series 10, DN100 (CF-F 6\"), (Model No: 10140-UE01)</p>	<p>Fabrication #::F-60018-18 Flange:CF-F 6" (UNF threads) Body Material:304 ss Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-9 mbar Bakeable Temp: 250 C open/200 C closed Dimension: 6"x24"x4", Weight: 26 lb</p>	

3016		MDC 1.5" (I.D.) UHV Gate Valve, CF-F 2.75" (Model No: GV-1500M)	S/N:99-24876-G Flange:CF-F 2.75" Body Material:304 ss Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-11 mbar Bakeable Temp: 200 C open/150 C closed Dimension: 3.5"x11"x2", Weight: 6 lb	Sold Out
3017		HVA 4" (I.D.) Gate Valve, CF-F 6" (Model No:124-0400)	Flange:CF-F 6" Body Material:304 ss Sealing: Metal (body)/Viton(gate) Vacuum Range: <1.0E-9 Torr Bakeable Temp: 200 C open/150 C closed Dimension: 7"x19"x3", Weight: 33 lb	Sold Out

Mechanical pumps

Tag #	Photo	Model	Spec	Price (\$)
4001		Leybold D90AC Trivac Rotary Vane Mechanical Pump (Model No: 5K182KD215B)	S/N: 1285192572 Pumping Speed Nitrogen: 53.7 CFM Common Motor Info: 60 Hz 200-230/460 VAC RPM: 1735 Inlet: KF40, Outlet: KF40 Ultimate Pressure:1.0E-3 Torr Oil Type: Y14/6 Dimension: 10"x33"x14", Weight: 230 lb	
4002		Leybold D90AC Trivac Rotary Vane Mechanical Pump (Model No: 5K182FX20491)	S/N: 1286053093 Pumping Speed Nitrogen: 53.7 CFM Common Motor Info: 60 Hz 200-230/460 VAC RPM: 1755 Inlet: KF40, Outlet: KF40 Ultimate Pressure:1.0E-3 Torr Oil Type: Y14/6 Dimension: 10"x33"x14", Weight: 230 lb	
4003		Leybold D16A Dual Stage Mechanical Pump (Model No: 5KCR48WG18T)	S/N: 1286133634 Pumping Speed Nitrogen: 14.1 CFM Common Motor Info: 50/60 Hz 208-230 VAC RPM: 1725/1425 Inlet: KF25, Outlet: KF25 Ultimate Pressure:1.0E-3 Torr Oil Type: HE175 Dimension: 9"x23"x15.3", Weight: 87 lb	Sold Out
4004		Leybold D16A Dual Stage Mechanical Pump (Model No: 5KC47UG695)	S/N: 1278500101 Pumping Speed Nitrogen: 14.1 CFM Common Motor Info: 50/60 Hz 115/230 VAC RPM: 1725 Inlet: KF25, Outlet: KF25 Ultimate Pressure:1.0E-3 Torr Oil Type: HE175 Dimension: 9"x23"x15.3", Weight: 87 lb	

4005		<p>Leybold D16A Dual Stage Mechanical Pump (Model No: 5KCR47UG26BT)</p>	<p>S/N: 1289317044 Pumping Speed Nitrogen: 14.1 CFM Common Motor Info: 50/60 Hz 115/200-230 VAC RPM: 1725/1425 Inlet: KF25, Outlet: KF25 Ultimate Pressure: 1.0E-3 Torr Oil Type: HE175 Dimension: 9"x23"x15.3", Weight: 87 lb</p>	
4006		<p>Leybold D16A Dual Stage Mechanical Pump (Model No: 5KC45PG1738T)</p>	<p>S/N: UT434970 Pumping Speed Nitrogen: 14.1 CFM Common Motor Info: 50/60 Hz 115/230 VAC RPM: 1725/1425 Inlet: KF25, Outlet: KF25 Ultimate Pressure: 1.0E-3 Torr Oil Type: HE175 Dimension: 9"x23"x9", Weight: 85 lb</p>	
4007		<p>Leybold D16A Dual Stage Mechanical Pump (Model No: 5KCR48WG18T)</p>	<p>S/N: 1286133625 Pumping Speed Nitrogen: 14.1 CFM Common Motor Info: 50/60 Hz 208-230 VAC RPM: 1725/1425 Inlet: KF25, Outlet: KF25 Ultimate Pressure: 1.0E-3 Torr Oil Type: HE175 Dimension: 9"x23"x15.3", Weight: 87 lb</p>	
4008		<p>Leybold D16A Dual Stage Mechanical Pump (Model No: 5KCR47UG26AT)</p>	<p>S/N: 1286296205 Pumping Speed Nitrogen: 14.1 CFM Common Motor Info: 50/60 Hz 115/200-230 VAC RPM: 1725/1425 Inlet: KF25, Outlet: KF25 Ultimate Pressure: 1.0E-3 Torr Oil Type: HE175 Dimension: 9"x23"x15.3", Weight: 87 lb</p>	
4009		<p>Leybold D16A Dual Stage Mechanical Pump (Model No: 5KCR47UG26T)</p>	<p>S/N: 1287305129 Pumping Speed Nitrogen: 14.1 CFM Common Motor Info: 50/60 Hz 115/200-230 VAC RPM: 1725/1425 Inlet: KF25, Outlet: KF25 Ultimate Pressure: 1.0E-3 Torr Oil Type: HE175 Dimension: 9"x23"x15.3", Weight: 87 lb</p>	
4010		<p>Leybold D16A Dual Stage Mechanical Pump (Model No: VL1310)</p>	<p>S/N: 1279360299 Pumping Speed Nitrogen: 14.1 CFM Common Motor Info: 50/60 Hz 115/200-230 VAC RPM: 1725 Inlet: KF25, Outlet: KF25 Ultimate Pressure: 1.0E-3 Torr Oil Type: HE175 Dimension: 9"x23"x15.3", Weight: 87 lb</p>	
4011		<p>Leybold D16A Dual Stage Mechanical Pump (Model No: 5KC47UG1434)</p>	<p>S/N: 12813406395 Pumping Speed Nitrogen: 14.1 CFM Common Motor Info: 50/60 Hz 115/230 VAC RPM: 1725 Inlet: KF25, Outlet: KF25 Ultimate Pressure: 1.0E-3 Torr Oil Type: HE175 Dimension: 9"x23"x15.3", Weight: 87 lb</p>	

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