



FALL RED TAG SALE 2016

NEW & REFURBISHED VACUUM PUMPS, GAUGES, AND VALVES

Limited quantities of new and refurbished vacuum pumps, gauges and valves at drastically reduced prices! All products are offered with a one year warranty.

NEW LOW PRICES

Item #	Material Description	QTY	Nominal Pumping Speed	List Price	Red-Tag Sale Price
MECHANICAL VACUUM PUMPS & BOOSTERS					
180037V2601	BOOSTER / VANE PUMP SYSTEM, WSU251/D65B RBS, 18", CC, HC, 208 V ECP	1	179 cfm	\$33,300	\$15,500
155008	BOOSTER, RUVAC WAU 501 W/O MOTOR	1	357 cfm	\$12,947	\$7,768
S170227	BOOSTER, RUVAC WAU501 HC EXP CL1 DIV1 GROUPS D SS TAG	1	357 cfm	\$14,000	\$8,400
155155	BOOSTER, RUVAC WH4400 11 KW PFPE	1	3,100 cfm	\$30,135	\$18,081
11742	BOOSTER, RUVAC WS 1001	1	707 cfm	\$17,939	\$10,763
11752	BOOSTER, RUVAC WS 2001	2	1,449 cfm	\$23,322	\$13,993
S171080	BOOSTER, WAU 2001, HORIZONTAL, OIL DIPSTICK, 4" HOSE BARB	1	1,449 cfm	\$22,000	\$13,200
13500	DIAPHRAGM PUMP, DIVAC 0,6 L 230 V/ 50 HZ	1	0.4 cfm	\$1,448	\$869
112065V10	SCREW PUMP, DRYVAC DV 650	1	383 cfm	\$34,000	\$19,000
112065V05	SCREW PUMP, DRYVAC DV 650 r	1	383 cfm	\$34,615	\$19,500
112120V17	SCREW PUMP, DRYVAC DV 1200 S (PROFIBUS)	2	736 cfm	\$69,733	\$39,500
112065V45-1	SCREW PUMP, DRYVAC DV 650 C-i	3	383 cfm	\$47,188	\$26,500
112065V20-1	SCREW PUMP, DRYVAC DV 650 S	4	383 cfm	\$34,615	\$19,500
112065V40-1	SCREW PUMP, DRYVAC DV 650 S-i	1	383 cfm	\$46,439	\$26,500
S170706	SCREW PUMP, DRYVAC ENDURO 650S W/ ACCESSORIES	2	383 cfm	\$35,500	\$20,000
S170969	SCREW PUMP, DRYVAC, DV650 C, PROFINET COMM, NON RETURN VALVE	1	383 cfm	\$35,000	\$20,000
960305V2013	VANE PUMP, SOGEVAC SV40 B DOT4-GAS BALLAST	1	30 cfm	\$5,378	\$3,227
960305	VANE PUMP, SOGEVAC SV40 B EURO STANDARD GAS BALLAST	1	30 cfm	\$3,590	\$2,154
960331	VANE PUMP, SOGEVAC SV40 BI EURO GAS BALLAST	1	30 cfm	\$4,723	\$2,834
960755V	VANE PUMP, SOGEVAC SV570 B AIR COOLED USA	3	366 cfm	\$18,933	\$10,800
960419	VANE PUMP, SOGEVAC SV65 B JAPAN STANDARD, GB	1	42 cfm	\$4,310	\$2,586
960465V3001	VANE PUMP, SOGEVAC SV65 BI FC-LVO200-INTEGRAT.FC-GB	1	42 cfm	\$8,986	\$5,391

S171058	VANE PUMP, TRIVAC D16B W/ SPECIAL BALDOR MOTOR	3	13.4 cfm	\$5,000	\$3,000
898389	VANE PUMP, TRIVAC D2.5E, 115/1/60, RUSKA-KF CONN.	1	3.3 cfm	\$3,800	\$2,280
140180	VANE PUMP, TRIVAC D40B-ATEX 3~ MOT Kat : 3i + 3o	15	32 cfm	\$9,120	\$5,472
11388	VANE PUMP, TRIVAC D40BCS 3~ MOT 6506961	1	32 cfm	\$12,168	\$7,301
502878V901	VANE PUMP, TRIVAC D40BCS PFPE/140141/UL	2	32 cfm	\$13,500	\$8,100
140141	VANE PUMP, TRIVAC D40BCS-PFPE UL, 3~ MOT 110004011	2	32 cfm	\$14,500	\$8,700
T189776	VANE PUMP, TRIVAC D8B 220/1/60 NEMA PLUG & INLET HOSE ADAPTER	3	6.9 cfm	\$3,150	\$1,890
898974	VANE PUMP, TRIVAC D8B, MULTI-PIN SPEC MTR, DRAIN VALVE	6	6.9 cfm	\$3,200	\$1,920
TURBOMOLECULAR VACUUM PUMPS & CONTROLLERS					
180436V	CONTROLLER ASSEMBLY, TW70H, RIGAKU 007	1	-	\$1,699	\$1,020
E20001324	CONVERTER, NT 1600 w/ PROFIBUS	1	-	\$5,135	\$3,081
E20001323	CONVERTER NT 1600 w/o PROFIBUS	2	-	\$4,404	\$2,642
85472-6	CONVERTER, NT361, 115V, w/o CABLE	10	-	\$3,048	\$1,829
410300V0202	MAG.DRIVE S (w/o DISPLAY)	1	-	\$5,322	\$2,661
501591A2000	TURBOLAB 80, FULL FEATURED, DN63CF	1	80 l/sec	\$7,300	\$3,650
411700V0506	TURBO PUMP, MAG W 1700 iP - DN 250 CF	2	1,610 l/sec	\$37,500	\$17,738
411700V0504	TURBO PUMP, MAG W 1700 iP - DN 250 ISO-F	1	1,610 l/sec	\$36,000	\$16,892
400047V0001	TURBO PUMP, MAG W 2000 C - DIGITAL	1	1,760 l/sec	\$41,763	\$20,882
400081V0023	TURBO PUMP, MAG W 2200 CT; DIGITAL, DN 250 ISO-F	1	2,000 l/sec	\$46,376	\$23,188
800002V3008	TURBO PUMP, SL80 C; DN 63 ISO-K /DN 16 KF	1	70 l/sec	\$4,478	\$2,687
800160V0027	TURBO PUMP, TW 400/300	2	390/290 l/sec	\$16,730	\$10,038
OTHER ITEMS					
88741	ADAPTER / REDUCER, DN63ISO-K/ 50KF,VA	5	-	\$227	\$91
500003173	ADAPTER FLANGE, DN150/100 PN6	35	-	\$1,938	\$775
6517333	ADAPTER ST 1/4 M BSP (G) X 3/8" TUBE, SS	46	-	\$290	\$116
899659	ADAPTER, BLIND-INST PORT, KF40	25	-	\$132	\$53
6505044	ADAPTER, DIN200-ISO-K100 w/ KF16 PORT	1	-	\$2,500	\$1,000
180073	ADAPTER, KF16 TO 1/2 NPT - MALE, SS	103	-	\$57	\$23
899677	ADAPTER, KF16 TO 1/8" NPTM, SS	35	-	\$100	\$40
992780680	ADAPTER, KF40 TO 1" NPT ML	14	-	\$77	\$31
119022	ADAPTER, RUVAC 1001 to SP250	2	-	\$1,190	\$476

6515460	ADAPTER, SOGEVAC, 1-1/4 FNPT, CS	18	-	\$380	\$152
899606	ADAPTER, T/C GAUGE, KF40, SS	40	-	\$84	\$34
899605	ADAPTER, T/C GAUGE, KF25, SS	20	-	\$183	\$73
410600V0102	AIR COOLING UNIT MAG W 600 i	4	-	\$1,322	\$529
991051013	BELLOWS, 3"-SS	7	-	\$902	\$361
991051016	BELLOWS, 6"-SS	1	-	\$1,457	\$583
88759	BLIND FLANGE, DN 320 ISO-K	4	-	\$674	\$270
88445	BLIND FLANGE, DN 50 KF VA	59	-	\$31	\$12
180351V	CABLE, SPLITTER; ITR90-CONTROLLER-PC RS232	7	-	\$149	\$60
6515944	CASE FOR i-PAD, LIFEPROOF BRAND #1103-01	33	-	\$150	\$60
230002	CENTER ONE EU-VERSION	2	-	\$1,071	\$428
6503555	CLAMPS, DN 63-250 ISO-K, #88799	136	-	\$95	\$38
89307	COLD HEAD RGD 5/100-2	1	-	\$12,813	\$5,125
18845	CONDENSATE TRAP AK 100 - 250	1	-	\$2,088	\$835
800080V0065	CONNECTING CABLE TD400 - PUMP, 0.65 m	24	-	\$205	\$82
20005947	CRYO PANEL COOLVAC 30.000 FOR 1 COLDHEAD	2	-	\$3,191	\$1,276
844200V0002	CRYO PUMP, COOLVAC 1500 CL-V; DN 200 CF	1	1,500 l/sec	\$19,000	\$7,600
844160V0002	CRYO PUMP, COOLVAC 800 CL-V, DN 160 CF	1	800 l/sec	\$17,000	\$6,800
89093	CRYO SERVICE SET (COLDHEAD TOOL KIT)	1	-	\$6,800	\$2,720
41070117V001	DIRT TRAP, DN100 ISO-K, 200 MESH, S/S, VITON	1	-	\$323	\$129
EKD42050021	DISPLACER KIT (BLACK LINK)	5	-	\$6,364	\$2,546
400036V0010	DRIVE / BEARING CABLE 5 m f. MD DIGITAL	9	-	\$1,699	\$680
410300V4001	DRIVE / BEARING CABLE for MD S; 1 m	1	-	\$1,372	\$549
17802	DUST SEPARATOR, AS100-250, DN63 ISO-K	1	-	\$2,568	\$1,027
503518V901	DYNAMIC FLUSHING KIT, SP250	1	-	\$8,155	\$3,262
6500601	ELBOW, SS, 4" ANSI, ROT, O-RING GROOVE	2	-	\$900	\$360
898523	ELEMENT, ALUMINUM OXIDE, OF3000	10	-	\$263	\$105
70444400	ELEMENT, F100 REPLACEMENT METAL	23	-	\$69	\$28
898525	ELEMENT, Hydrophilic, OF3000	6	-	\$280	\$112
99171158	ELEMENT, PARTICULATE, OF3000	5	-	\$116	\$47
898599	ELEMENT, PARTICULATE, OF500 / 3000	27	-	\$116	\$47
899503	ELEMENT, CARB EXH FILT, 1/2"NPT	2	-	\$66	\$26
17806	FILTER INSERT TO AS 100-250	2	-	\$1,376	\$550
899502	FILTER, EXH, CARB ELEM 1/2"NP	4	-	\$101	\$40

71127125	FILTER, F200/300 ACTIVATED CHARCOAL 63 ISO-K	1	-	\$3,670	\$1,468
S170859	FITTINGS KIT - DV650 to STOKES 615	1	-	\$500	\$200
910280123	FLANGE FITTING, KF25	5	-	\$29	\$12
6511682	FLANGE MOTOR ADAPTER USA WAU1001	2	-	\$1,700	\$680
992780702	FLANGE ROTATABLE 6"ANSI, w/o RTG RING	12	-	\$175	\$70
26906	FLANGE with TUBULATION, DN 160 ISO-K	9	-	\$258	\$103
26776	FLANGE, COLLAR, ISO-F	17	-	\$357	\$143
88431	FLANGE, KF16 WELD-304 SS	21	-	\$33	\$13
910280121	FLANGE, KF40 FOR 1 5/8" COPPER TUBE	26	-	\$41	\$16
180377V	GATE VALVE, CF100, MANUAL	1	-	\$4,384	\$1,754
28656	GATE VALVE, DN 100 ISO-F EP AI 24 V/DC	1	-	\$2,681	\$1,072
28697	GATE VALVE, DN 160 CF EP, VA, 230 V/AC	1	-	\$6,958	\$2,783
28687	GATE VALVE, DN 160 CF H, VA, w/ PGF	1	-	\$6,708	\$2,683
28636	GATE VALVE, DN 40 KF EP VA, 24 V/DC	1	-	\$3,208	\$1,283
28685	GATE VALVE, DN 63 CF H, VA, w/ PGF	1	-	\$3,917	\$1,567
28625	GATE VALVE, DN63ISO-F H, AI, w/ PGF	2	-	\$2,027	\$811
6515946	GATE VALVE; ISO-K 63 PNEUMATIC SS HARSH	1	-	\$5,200	\$2,080
6515946	GATE VALVE; ISO-K 63 PNEUMATIC SS HARSH	1	-	\$3,500	\$1,400
971426690	HEAT EXCHANGER SV630B-SV750B	1	-	\$2,098	\$839
119018V001	HEATER SP250	1	-	\$2,000	\$800
16176	INERT GAS SYSTEM, TRIVAC D16/25 BCS	1	-	\$1,762	\$705
180424V	INFICON, ECOTEC E3000, MULTI GAS LD, 220 V	1	-	\$55,352	\$22,141
180425V	INFICON, SL3000-5, 15' (5 m) LENGTH	1	-	\$1,989	\$796
6517239	JUNCTION BOX, NEMA 12, 460/3/60 WSU1001-SV300B	3	-	\$850	\$340
S170866	LEYBOX w/ POWER ADAPTER	3	-	\$1,530	\$612
28444	MICRO VALVE EM NC VA	7	-	\$589	\$236
6512296	MOTOR 10HP CL1 DIV2 DR D T2 230/460/3/60	1	-	\$1,500	\$600
190260232	MOTOR, 10 HP, 575 V, 3500 RPM, 215TC, CSA	2	-	\$1,600	\$640
6502948	MOTOR, 3 HP, 182TCH, 3500 RPM, CL 1, GR CD	2	-	\$800	\$320
6501081	MOTOR,2 HP,1800 RPM,145TC,TEFC	2	-	\$700	\$280
800110V0010	MOUNTING KIT, TD700/ SL700 BOTTOM	1	-	\$550	\$220
71436670	OIL CASING SV200 BR1/BR2	1	-	\$2,759	\$1,104
971425760	OIL LEVEL MONITOR SV630 B	1	-	\$977	\$391
960V3007BOX	PROTECTION BOX, SOGEVAC SV40 BI	1	-	\$466	\$186

71234800	REPAIR KIT SV1200-50HZ	1	-	\$7,024	\$2,810
971467760	REPAIR SET SV200 A PFPE VERSION	1	-	\$1,992	\$797
71418550	REPAIR SET SV630/SV630F TORLON	1	-	\$6,885	\$2,754
71227800	REPAIR SET, SV180 BR2	2	-	\$1,368	\$547
20028711	REPLACEMENT ANODE RING, PTR 90N / PTR 225N	11	-	\$105	\$42
EK16291	REPLACEMENT CATHODE PLATES, PTR 90N / PTR 225N	8	-	\$145	\$58
9516243V	ROOTS ADAPTER WA(U) / WS 2001	5	-	\$1,209	\$484
9516243V	ROOTS ADAPTER WA(U) / WS 2001	5	-	\$1,209	\$484
20039362	SEAL KIT S/D40/65B-HE3	5	-	\$778	\$311
230329	SENSOR, CERA VAC CTR 101 DN16CF CDG 0,1 Torr	2	-	\$3,100	\$1,240
230322	SENSOR, CERA VAC CTR 101 DN16KF CDG 10 Torr	1	-	\$2,500	\$1,000
230312	SENSOR, CTR 100N, 8VCR, 10 Torr	1	-	\$1,603	\$641
230301	SENSOR, CTR 100N, DN16 KF, 100 Torr	1	-	\$1,586	\$634
230302	SENSOR, CTR 100N, DN16 KF, 10 Torr	2	-	\$1,428	\$571
230329	SENSOR, CTR 101N, DN16 CF, 0.1 Torr	2	-	\$3,138	\$1,255
230324	SENSOR, CTR 101N, DN16 KF, 0.1 Torr	1	-	\$3,138	\$1,255
230322	SENSOR, CTR 101N, DN16 KF, 10 Torr	1	-	\$2,912	\$1,165
230323	SENSOR, CTR 101N, DN16 KF, 1 Torr	1	-	\$2,912	\$1,165
230255	SENSOR, IONIVAC ITR 200 S, DN40 CF-R, DISP	1	-	\$1,960	\$784
230072	SENSOR, PTR 90N, DN40 CF	1	-	\$1,448	\$579
89652V01	SENSOR, THERMOVAC TTR 916 PB, DN16 KF	1	-	\$1,083	\$433
15786	SENSOR, TR 212, DN 16 CF	1	-	\$1,208	\$483
230354V01	SENSOR, TTR 101N, DN16 KF, Display	1	-	\$753	\$301
230350V01	SENSOR, TTR 101N, DN16KF	6	-	\$699	\$280
89650V01	SENSOR, TTR 911N, DN16 KF, PB	3	-	\$970	\$388
230038	SENSOR, TTR 91N, 1/8" NPT	4	-	\$424	\$170
230043	SENSOR, TTR 91N, 1/8" NPT, 2SP	2	-	\$476	\$190
230035	SENSOR, TTR 91N, DN16 KF	2	-	\$385	\$154
EK971473130	SET OF SEALS SV300 B PFPE	1	-	\$2,435	\$974
71236060	SET OF VITON SEALS SV1200	2	-	\$2,669	\$1,067
180176V01	SHIPPING CASE XL300 BLACK COPOLYMER	1	-	\$1,020	\$408
13750	SILENCER, EXH-w/ SEALING PLUG	7	-	\$592	\$237
500003391	SILENCER, SERVICEABLE, SP250	1	-	\$3,784	\$1,514

119004V	SILENCER, SP630 / DV 1200	1	-	\$3,777	\$1,511
6508583	SPOOL ISO-K 63 w/ KF25 SS SP250 INLET	2	-	\$1,700	\$680
88738	TEE, DN 250 ISO-K VA	1	-	\$2,425	\$970
99171136	TRAP, RST25KF REFILLABLE	17	-	\$698	\$279
99171137	TRAP, RST40KF REFILLABLE	3	-	\$912	\$365
971428210	VACUUM GENERAT. W/O GAS BALLAST SV40 B	2	-	\$1,498	\$599
EK971473240	VACUUM GENERATOR SV40 BI FC PFPE	1	-	\$1,618	\$647
71401750	VACUUM GENERATOR SV100 BR2	1	-	\$2,430	\$972
71403520	VACUUM GENERATOR SV40 DOT4	1	-	\$2,134	\$853
71422080	VACUUM GENERATOR SV65 B w/o GAS BALLAST	1	-	\$1,599	\$639
28326	VACUUM LOCK, DN 25 KF AI	2	-	\$919	\$368
6502572	VALVE, BALL STYLE, MANUAL KF50 SS	2	-	\$1,132	\$453
6502572	VALVE, BALL STYLE, MANUAL KF50 SS	2	-	\$250	\$100
6505047	VALVE, BALL, AUTO, 2" NPT 120 VAC	2	-	\$1,200	\$480
6517767	VALVE, BELLOWS, 1/4" M VCR, AIR-ACT, SS	3	-	\$900	\$360
180166	VALVE, BUTTERFLY, 6" MANUAL, SS, 31-124	3	-	\$973	\$389
180162	VALVE, BUTTERFLY, 6" PNEUMATIC, C IRON	3	-	\$2,758	\$1,103
215335	VALVE, RIGHT ANGLE BAV 16 P SS	2	-	\$706	\$282
215079V02	VALVE, RIGHT ANGLE BAV 25 EM SS 100-120V	1	-	\$1,473	\$589
215321	VALVE, RIGHT ANGLE BAV 40 EP AL 24VAC	2	-	\$750	\$300
72319003	VALVE,SOLENOID-115/1/50/60, NO	32	-	\$165	\$66
88421	WELD NECK FLANGE, KF16 SS	14	-	\$23	\$9
88422	WELD NECK, FLANGE, KF25, SS	25	-	\$31	\$12
88385	WELD NECK, FLANGE, KF50, SS	2	-	\$47	\$19
REFURBISHED PRODUCTS					
REFURBISHED MECHANICAL VACUUM PUMPS & BOOSTERS					
11741	BOOSTER, RUVAC WAU 1001 (refurbished)	3	707 cfm	\$17,030	\$8,515
11751	BOOSTER, RUVAC WAU 2001 (refurbished)	1	1,449 cfm	\$22,827	\$11,414
155150	BOOSTER, RUVAC WH4400 11 KW, ESTEROL (refurbished)	1	3,100 cfm	\$31,032	\$15,516
155154V	BOOSTER, RUVAC WH4400 18 KW, HD (refurbished)	1	3,100 cfm	\$32,795	\$16,398
155209V	BOOSTER, RUVAC WH700, PFPE, 200 V, for EXT. FU (refurbished)	1	507 cfm	\$16,500	\$8,250
155205V	BOOSTER, RUVAC WH700,ESTER OIL,400 V,for EXT. FC (refurbished)	1	507 cfm	\$16,012	\$8,006

155167	BOOSTER, RUVAC WH7000 18 KW, ESTER OIL (refurbished)	1	4,948 cfm	\$37,935	\$18,968
10183	BOOSTER, RUVAC WS 1001 (refurbished)	1	707 cfm	\$18,000	\$9,000
11742	BOOSTER, RUVAC WS 1001 (refurbished)	1	707 cfm	\$17,939	\$8,969
11752	BOOSTER, RUVAC WS 2001 (refurbished)	2	1,449 cfm	\$23,322	\$11,661
167056	BOOSTER, RUVAC WSU 2001, 100 HZ ESTER OIL, Hor. (refurbished)	1	> 1,449 cfm	\$29,564	\$14,782
11723	BOOSTER, RUVAC WSU 251 (refurbished)	1	179 cfm	\$11,500	\$5,750
11743	BOOSTER, RUVAC, WSU1001/B2/100 ISO-K (refurbished)	1	707 cfm	\$19,047	\$9,523
13500	DIAPHRAGM PUMP, DIVAC 0.6 L 230 V/ 50 HZ (refurbished)	1	0.4 cfm	\$1,448	\$724
13512	DIAPHRAGM PUMP, DIVAC 2.2 L 230 V/ 50 HZ (refurbished)	1	1.2 cfm	\$1,983	\$991
112065V15	SCREW PUMP, DRYVAC DV 650 (refurbished)	3	383 cfm	\$31,395	\$15,698
112045V15	SCREW PUMP, DRYVAC DV 450 (refurbished)	1	265 cfm	\$28,000	\$14,000
112065V36-1	SCREW PUMP, DRYVAC DV 650 C-r 400 V (refurbished)	1	383 cfm	\$46,089	\$23,044
112065V20-1	SCREW PUMP, DRYVAC DV 650 S (refurbished)	1	383 cfm	\$34,615	\$17,307
112065V17-1	SCREW PUMP, DRYVAC DV 650 TRIPLE PURGE (refurbished)	1	383 cfm	\$34,401	\$17,200
117008	SCREW PUMP, SP630 60 HZ manGB (refurbished)	2	371 cfm	\$35,031	\$17,516
133002	SCROLL PUMP, SC30D 200 - 230 V/AC, 50/60 HZ (refurbished)	1	21 cfm	\$10,239	\$5,120
960185V3002	VANE PUMP, SOGEVAC SV16 D 1PH-GB-AIR-ESTER OEM (refurbished)	1	11 cfm	\$3,059	\$1,530
960261V3001	VANE PUMP, SOGEVAC SV25 B-USA-Ester OIL-FAN (refurbished)	1	18 cfm	\$2,996	\$1,498
960312v2013	VANE PUMP, SOGEVAC SV40 B USA DOT4 (refurbished)	1	31 cfm	\$5,224	\$2,612
960331V3005	VANE PUMP, SOGEVAC SV40 BI 1PH GAZ ANALYSIS VERSION (refurbished)	1	31 cfm	\$7,420	\$3,710
960331v3009	VANE PUMP, SOGEVAC SV40 BI 1PH OEM VARIANT (refurbished)	3	31 cfm	\$7,569	\$3,785
960414	VANE PUMP, SOGEVAC SV65 B USA STANDARD GAS BALLAST (refurbished)	1	42 cfm	\$3,952	\$1,976
960465V3002	VANE PUMP, SOGEVAC SV65 BI FC-LVO200-PTFE-US (refurbished)	7	42 cfm	\$8,939	\$4,470
11406	VANE PUMP, TRIVAC D16B-DOT4 3~ MOT 6506939 (refurbished)	1	13.4 cfm	\$5,438	\$2,719
11275	VANE PUMP, TRIVAC D25B, 1~ 230 V 50/60 HZ (refurbished)	1	21 cfm	\$5,712	\$2,856
898696US	VANE PUMP, TRIVAC D40B (refurbished)	1	32 cfm	\$8,237	\$4,119
140082	VANE PUMP, TRIVAC D8B, 1~ DUAL VOLTAGE-MOTOR (refurbished)	1	6.9 cfm	\$3,374	\$1,687
	VANE PUMP, TRIVAC TI25B FC-MOTOR 90 V-264 V				

140196	(refurbished)	1	21 cfm	\$5,000	\$2,500
91266-2	VANE PUMP, TRIVAC, D16B (MV/F-3PH) -1 HP (refurbished)	2	13.4 cfm	\$3,900	\$1,950
11333	VANE PUMP, TRIVAC, D16B Ester OIL 3~ MOT 6506939 (refurbished)	1	13.4 cfm	\$4,107	\$2,054
898224	VANE PUMP, TRIVAC, D16B, 208-230/1, H-C, VERT PORTS (refurbished)	1	13.4 cfm	\$3,900	\$1,950
11266	VANE PUMP, TRIVAC, D16B, 3~ MOT 6506939 (refurbished)	4	13.4 cfm	\$4,013	\$2,006
898199	VANE PUMP, TRIVAC, D16B, MV/F-3PH, HE200 (refurbished)	1	13.4 cfm	\$4,050	\$2,025
91275-2	VANE PUMP, TRIVAC, D25B (208-230/1/5-6) -1.5 HP (refurbished)	7	21 cfm	\$5,791	\$2,895
170119	VANE PUMP, TRIVAC, D25B w/ 1.5 HP 115/1/60 MOTOR, PFPE OIL (refurbished)	1	21 cfm	\$6,600	\$3,300
11276	VANE PUMP, TRIVAC, D25B, 3~ MOT 6506939 (refurbished)	2	21 cfm	\$5,891	\$2,946
11286	VANE PUMP, TRIVAC, D40B 3~ MOT 6506961 (refurbished)	1	32 cfm	\$8,327	\$4,164
11389	VANE PUMP, TRIVAC, D40BCS, PFPE, 3~ MOT 6506961 (refurbished)	1	32 cfm	\$12,984	\$6,492
11246	VANE PUMP, TRIVAC, D4B, 3~ MOTOR 6508538 (refurbished)	1	3.4 cfm	\$2,568	\$1,284
11296V01	VANE PUMP, TRIVAC, D65B DOT4 MV/F-3 PH (refurbished)	1	53 cfm	\$12,900	\$6,450
91398-2	VANE PUMP, TRIVAC, D65BCS, MV/F-3 PH, HE200-3 HP (refurbished)	1	53 cfm	\$14,530	\$7,265
170122	VANE PUMP, TRIVAC, D65BCS, PFPE, CFS, N2 PURGE (refurbished)	1	53 cfm	\$20,000	\$10,000
91399	VANE PUMP, TRIVAC, D65BCS-USF PFPE (refurbished)	1	53 cfm	\$15,500	\$7,750
91256-2	VANE PUMP, TRIVAC, D8B (MV/F-3PH) -1 HP (refurbished)	2	6.9 cfm	\$3,100	\$1,550

REFURBISHED TURBOMOLECULAR VACUUM PUMPS & CONTROLLERS

400036V0003	DRIVE / BEARING CABLE, 20 m f.MD (refurbished)	2	-	\$2,401	\$961
85720	CONVERTER, NT20, 220 V/50,60 HZ (refurbished)	3	-	\$2,000	\$800
85472-6	CONVERTER, NT361, 115V, w/o CABLE (refurbished)	6	-	\$3,048	\$1,219
400036V0010	DRIVE / BEARING CABLE, 5 m f. MD (refurbished)	1	-	\$1,699	\$680
400300V0001	FAS.DRIVE DIGITAL (refurbished)	1	-	\$3,600	\$1,440
400001431	MAG.DRIVE 300 - BASIC UNIT (refurbished)	1	-	\$4,500	\$1,800
400035V0001	MAG.DRIVE DIGITAL (refurbished)	1	-	\$12,188	\$4,875
400035V0011	MAG.DRIVE DIGITAL (refurbished)	7	-	\$12,188	\$4,875
894021	MAG-TST.Drive CDS WATER COOLED (refurbished)	1	-	\$12,249	\$4,899

400037V0004	TMS CABLE for MD (refurbished)	2	-	\$604	\$241
800075V0002	TURBO DRIVE CLASSIC, RS 232 (refurbished)	3	-	\$3,432	\$1,373
400045V0004	TURBO PUMP, MAG 2000 CTS; DN 250 ISO-F (refurbished)	1	1,760 l/sec	\$52,997	\$21,199
400110V0017	TURBO PUMP, MAG W 1300 C - DN 200 ISO-F / DN 25 KF (refurbished)	1	1,100 l/sec	\$40,094	\$16,038
400110V0015	TURBO PUMP, MAG W 1300 C - DN 200 ISO-F / DN 25 KF (refurbished)	1	1,100 l/sec	\$32,075	\$12,830
400110V0021	TURBO PUMP, MAG W 1300C, w/ 250 ISO-F (refurbished)	1	1,100 l/sec	\$32,075	\$12,830
400027V0001	TURBO PUMP, MAG W 1500 C; DN 250 ISO-F (refurbished)	1	1,220 l/sec	\$33,000	\$13,200
400081V0011	TURBO PUMP, MAG W 2200 C; Digital, DN 200 ISO-F (refurbished)	1	1,600 l/sec	\$45,067	\$18,027
400081V0010	TURBO PUMP, MAG W 2200 C; DN 200 ISO-F (refurbished)	1	1,600 l/sec	\$56,547	\$22,619
400081V0021	TURBO PUMP, MAG W 2200 C; DN 250 ISO-F (refurbished)	1	1,600 l/sec	\$45,238	\$18,095
400081V0020	TURBO PUMP, MAG W 2200 C; DN 250 ISO-F-N2 (refurbished)	1	1,600 l/sec	\$56,547	\$22,619
410300V0506	TURBO PUMP, MAG W 300 iP; DN 100 CF (refurbished)	1	300 l/sec	\$18,386	\$7,354
410300V0005	TURBO PUMP, MAG W 300 P; DN 100 ISO-K (refurbished)	2	300 l/sec	\$14,346	\$5,738
400003V0002	TURBO PUMP, MAG W 3200 CT; 320 ISO-F (refurbished)	1	3,200 l/sec	\$58,007	\$23,203
400100V0041	TURBO PUMP, MAG W 830; DN 160 CF (refurbished)	1	900 l/sec	\$33,384	\$13,354
85537	TURBO PUMP, TURBOVAC 1000 C; 250 ISO-K (refurbished)	1	1,150 l/sec	\$24,345	\$9,738
85536	TURBO PUMP, TURBOVAC 1000 C; 250 ISO-K (refurbished)	2	1,150 l/sec	\$24,345	\$9,738
85539	TURBO PUMP, TURBOVAC 1000C; DN 250 ISO-K (refurbished)	2	1,150 l/sec	\$24,931	\$9,973
85632	TURBO PUMP, TURBOVAC 151, 100 CF, WATER (refurbished)	1	145 l/sec	\$7,719	\$3,088
85675	TURBO PUMP, TURBOVAC 361 C; 100 ISO-K (refurbished)	2	345 l/sec	\$13,394	\$5,358
85674	TURBO PUMP, TURBOVAC 361 SCIEX; DN 100 ISO-K (refurbished)	2	345 l/sec	\$13,067	\$5,227
85670	TURBO PUMP, TURBOVAC 361; 100 ISO-K (refurbished)	1	345 l/sec	\$11,619	\$4,648
85672	TURBO PUMP, TURBOVAC 361; 160 ISO-K (refurbished)	2	345 l/sec	\$11,887	\$4,755
830071V1000	TURBO PUMP, TURBOVAC 450 i / DN 160 ISO-K (refurbished)	1	430 l/sec	\$10,178	\$4,071
830071V3300	TURBO PUMP, TURBOVAC 450 iX, RS 485; DN 160 ISO-K (refurbished)	1	430 l/sec	\$11,836	\$4,734
85402	TURBO PUMP, TURBOVAC 50; DN 63 CF (refurbished)	1	55 l/sec	\$3,829	\$1,532
11430	TURBO PUMP, TW 220-150-15 / 24V TI / CARTRIDGE (refurbished)	1	220/145/15 l/sec	\$15,446	\$6,178

11352	TURBO PUMP, TW 250 S; 100 ISO-K; AIR; w/o TD400 (refurbished)	1	230 l/sec	\$8,101	\$3,240
11437	TURBO PUMP, TW 250 S; 100 ISO-K; WATER; TD400/PB (refurbished)	1	230 l/sec	\$8,856	\$3,542
800160V0021	TURBO PUMP, TW 290/20/20-UHV (refurbished)	1	240/20/20	\$13,872	\$5,549
800160V0027	TURBO PUMP, TW 400/300 (refurbished)	1	390/290 l/sec	\$16,730	\$6,692
800160V0027V	TURBO PUMP, TW 400/300, TD 400 RS 485, CABLE 0.65 m (refurbished)	1	390/290 l/sec	\$27,540	\$11,016
800160V0017	TURBO PUMP, TW 400-300-25 / 24 V TI /CARTRIDGE (refurbished)	1	390/290/25 l/sec	\$20,620	\$8,248
800160V0011	TURBO PUMP, TW 400-300-25 / 24 V TI/ CARTRIDGE (refurbished)	1	390/290/25 l/sec	\$20,620	\$8,248
800160V0017V	TURBO PUMP, TW 400-300-25; CARTRIDGE w/ PURGE-VENT (refurbished)	7	390/290/25 l/sec	\$20,620	\$8,248
800051V0121	TURBO PUMP, TW 701; 160 ISO-K; AIR TD700, RS 232 (refurbished)	1	690 l/sec	\$21,276	\$8,510
800051V0023	TURBO PUMP, TW701 160 ISO-K (refurbished)	3	690 l/sec	\$21,276	\$8,510
800002V2236	TURBO PUMP, TW70H/63CF/16K, TD400/RS232, AIR COOLED (refurbished)	1	65 l/sec	\$6,697	\$2,679
410300V0221	TURBO.POWER 500 (refurbished)	3	-	\$1,511	\$604
85715	TURBOTRONIK NT 151/361; 230 V (refurbished)	1	-	\$2,000	\$800
85721	TURBOTRONIK NT 20; 120 V (refurbished)	3	-	\$2,000	\$800
OTHER REFURBISHED ITEMS					
800094V0300	24 V DC POWER CABLE, 3 m (refurbished)	1	-	\$250	\$100
400038V0006	CABLE, P/V VALVE, 3 m (refurbished)	1	-	\$921	\$368
15247	CONNECTION CABLE, TD400, 1 m (refurbished)	1	-	\$198	\$79
15248	CONNECTION CABLE, TD400, 1 m (refurbished)	1	-	\$78	\$31
840000V6200	COOLPAK 6200 ADV.200 V/50 HZ; 200,230 V/60 HZ (refurbished)	1	-	\$17,448	\$6,979
22210	DIFFUSION PUMP, DIP 3000 (refurbished)	1	3,000 l/sec	\$6,006	\$2,402
S170683	ELECTRICAL CONTROL PANEL, for DIP 3000 ABOVE (refurbished)	1	-	\$6,500	\$2,600
18956	EXHAUST FILTER ARS D16-25 BCS (refurbished)	1	-	\$1,511	\$604
140065	EXHAUST FILTER w/ OIL RETURN ARP 4-8 (refurbished)	1	-	\$850	\$340
155217V	FREQUENCY CONVERTER, RUVAC WH700 4 KW, 400 V (refurbished)	1	-	\$1,498	\$599
882001	MAG-TURBOSTREAM S5000 S (refurbished)	2	-	\$31,446	\$12,578
10177	OIL FILTER SYSTEM CFS 40-65 (refurbished)	1	-	\$3,103	\$1,241
10191	OIL FILTER SYSTEM OF 4-25 (refurbished)	1	-	\$533	\$213
99276513	POWER CORD, NT CONVERTER, 115 V (refurbished)	1	-	\$37	\$15

12133	PURGING GAS VALVE, 0.6 / 24VDC/ 1.5 - 6 BAR (refurbished)	1	-	\$818	\$327
230070	SENSOR, PTR 90, DN 25 KF (refurbished)	1	-	\$1,300	\$520
230350V01	SENSOR, TTR 101, DN16 KF, w/o SP, w/o Display (refurbished)	1	-	\$699	\$280
119002	SILENCER, SP250 / DV 450/650 (refurbished)	1	-	\$1,542	\$771
15248	START / STOP SWITCH for TD (refurbished)	1	-	\$78	\$31
400037V0002	TMS CABLE 20m for MD DIGITAL (refurbished)	1	-	\$925	\$370
800131V0063	VIBRATION ABSORBER, 63 ISO-K / D=95, H=66 (refurbished)	1	-	\$1,992	\$797

To order, call **1-800-764-5369**



Refer to Fall Red Tag Sale 2016 - Code Y62

Offer valid in USA only for orders booked and shipped by December 31, 2016. Fall Sale items are offered on a first-come, first-served basis. Only limited quantities are available. Call the Order Management Department at 1-800-764-5369 to verify current availability and purchase order placement. All refurbished products meet their form, fit and functional specifications; however, some products may have minor cosmetic and general wear appearance deviations. All items carry a one-year service warranty. The Leybold USA Inc. standard terms and conditions apply otherwise. Fall Sale prices cannot be combined with other discount offers or special pricing.



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