

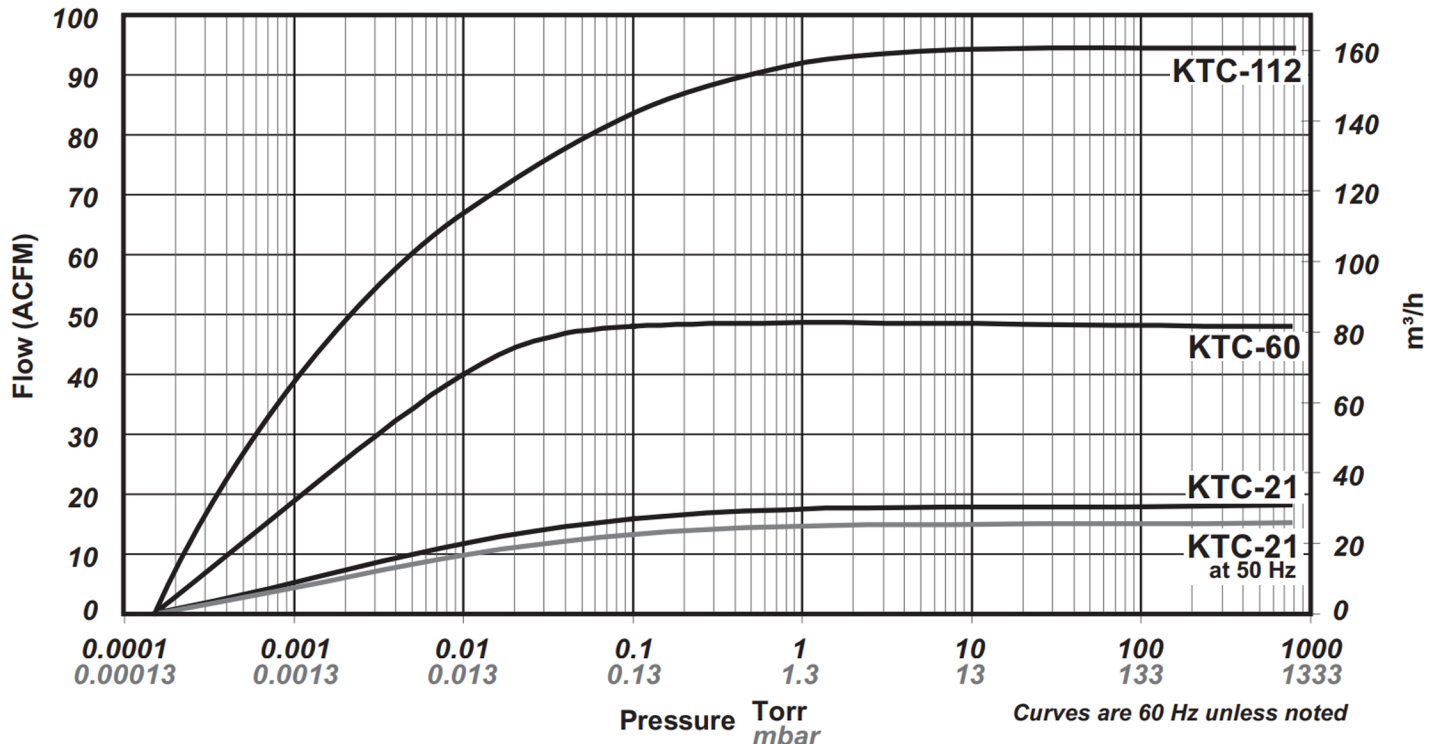


Kinney KTC 21, KTC 60, KTC 112

Technical Specifications

	UNIT	MODEL		
		KTC-21	KTC-60	KTC-112
Nominal Displacement at Rated RPM	CFM / <i>m³/h</i>	21 / <i>36</i>	60 / <i>102</i>	107 / <i>182</i>
Motor	HP / <i>kW</i>	1.5 / <i>1.1</i>	3 / <i>2.2</i>	7.5 / <i>5.6</i>
Motor Speed	RPM	1725	960	1060
Cooling Water Required	GPM / <i>L/min</i>	—	—	1.5 / <i>5.7</i>
Oil Capacity	Quarts / <i>Liters</i>	2.0 / <i>1.9</i>	8.0 / <i>7.6</i>	16.0 / <i>15.1</i>
Pump Weight	Lbs. / <i>kg</i>	190 / <i>86</i>	515 / <i>234</i>	880 / <i>399</i>
Maximum Gas Ballast Flow	%	10	10	10
Gas Ballast Pressure	Torr (mm Hg abs.)	.020	.020	.020
Ultimate Pressure	Microns	.2	.2	.2
Noise Level at 0.1 Torr	dB(A)	72	70	70

Pumping Curves





PROVAC

SALES

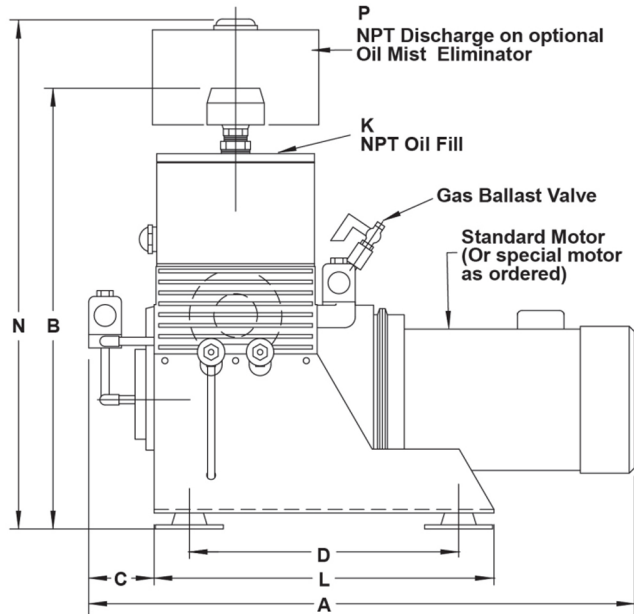
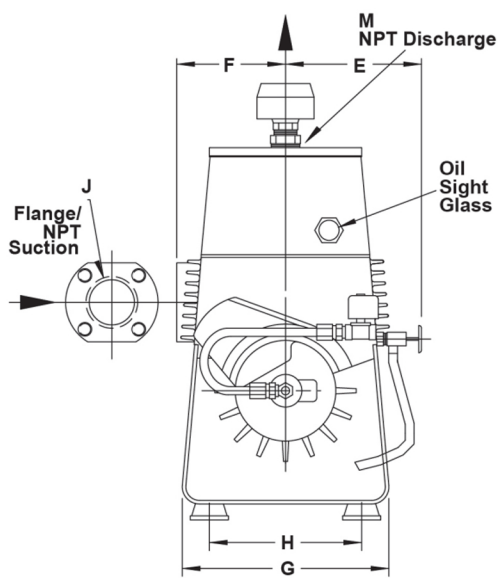
PHONE: 831-462-8900

FAX: 831-462-3536

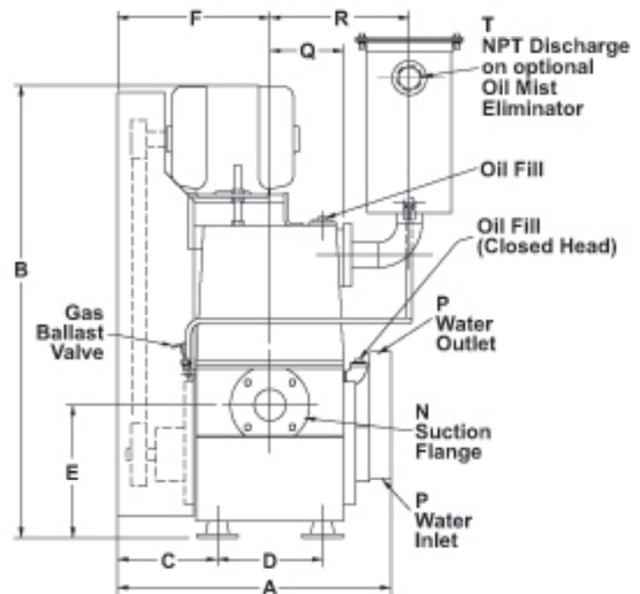
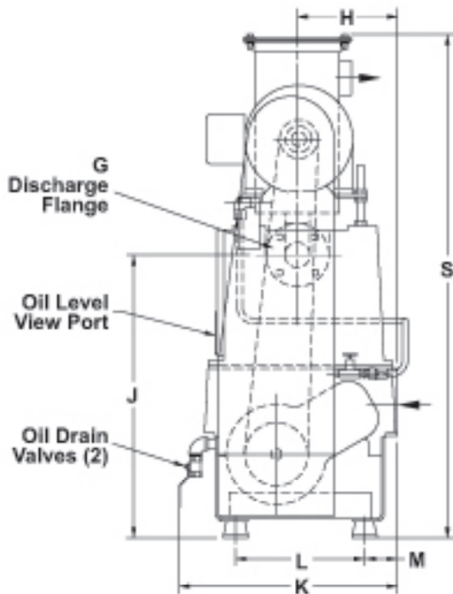
WWW.PROVAC.COM

Kinney KTC 21, KTC 60, KTC 112

Dimensions



in. mm	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Weight lbs / kg
KTC-21	25.13 638	20.25 515	3.00 76	12.38 314	6.25 159	5 127	9.5 241	7 175	1 1/4" FLG 2" NPT	1" NPT	15.63 397	3/4" NPT	23.44 595	1 1/2" NPT	190 86



in. mm	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	Weight lbs / kg
KTC-60	23.69 602	36.50 927	8.19 208	10 254	19.63 498	13.19 335	1 1/4" FLG	8 203	21.44 545	19.7 500	11.50 292	2.25 57	3" FLG	—	6.19 157	11.50 292	38.44 976	1 1/2" NPT	515 234
KTC-112	26 660	44.25 1124	9.5 241	10 254	14 356	14.50 368	2" FLG	9.50 241	28.25 718	20.75 527	12.25 311	3.13 79	3" FLG	1/4" NPT	7.25 184	13.25 337	48.88 1242	2" NPT	880 399



PROVAC

SALES

PHONE: 831-462-8900

FAX: 831-462-3536

WWW.PROVAC.COM

Kinney KTC 21, KTC 60, KTC 112

Features & Benefits

- positive pressure lubrication assures operation at any pressure, up to atmospheric pressure
- no metal-to-metal contact in pumping chamber
- unequalled durability, even in dirty applications
- triplex piston design for quiet, vibration-free operation

Applications

- evacuating refrigeration systems • liquid gas storage • brake filling systems • low-pressure chemical vapor deposition (LPCVD) • silicon crystal growing • leak detection

