

KINNEY® KT™

Rotary Piston, Oil Sealed Vacuum Pump

Models:

KT-150C KT-300D KT-500D KT-850D

Features:

- Full pumping speed down to 1 Torr
- Can operate continuously at any pressure up to 100 Torr
- Ultimate pressure 10 Microns (McLeod Gauge)
- Adjustable gas ballast permits handling of condensable vapors
- No metal to metal contact in pumping chamber
- Unequaled durability, even in dirty applications
- Compact footprint design
- Simple installation, no special preparations required
- Triplex piston design provides quiet, vibration-free operation



Specifications:

	MODEL	KT-150C	KT-300D	KT-500D	KT-850D
Displacement	CFM / m ³ /h	150 / 255	300 / 510	490 / 840	780 / 1325
Motor	HP / kW	7.5 / 6	15 / 11	30 / 22	40 / 30
Pump RPM	RPM	1055	870	721	581
Cooling Water @ 60° F	GPM / L/min	1 / 4	1.5 / 6	2.5 / 9	3.5 / 13
Oil Capacity	gal / Liters	6 / 23	10 / 38	15 / 57	28 / 106
Pump Weight	Lbs. / kg	800 / 364	1525 / 693	2700 / 1225	4400 / 1996
Maximum Gas Ballast (GB) Flow	CFM / m ³ /h	11 / 18	20 / 34	34 / 58	62 / 105
Blank off (at 5% Gas Ballast)	Torr / mbar	2.0 / 2.6	2.0 / 2.6	2.0 / 2.6	2.0 / 2.6
Ultimate Pressure	Torr / mbar	0.010 / 0.013	0.010 / 0.013	0.010 / 0.013	0.010 / 0.013
Noise Level at 0.1 Torr	dB(A)	71	72	73	75

Typical Pumping Speed Curves

