

Maxima Series

Single & Two-Stage Large Capacity Liquid Ring Vacuum Pumps

Maxima-K Series

The Maximum-K line of large capacity liquid ring vacuum pumps by Dekker features a single stage design utilizing flat port plates. This allows the pump to operate efficiently across a wide vacuum range. Available at capacities ranging from 1,500 CFM to 39,000 CFM, the Maxima-K can handle large amounts of condensables with maximum efficiency. This design can also reduce seal-liquid consumption with no metal to metal contact. The reliable, heavy-duty design of these pumps also offer low operating noise and low maintenance.

Maxima-C Series

The Dekker Maxima-C line of large capacity liquid ring vacuum pumps features a robust canonical porting instead of a flat plate design allowing it to handle more seal liquid or liquid carryover. The Maxima-C is a heavy-duty design with a 20 blade shrouded rotor and multiple inlet/discharge configurations. This design offers maximum efficiency, low noise, low maintenance, and offers exceptional reliability.

Performance Specs	
Maxima-K single-stage vacuum pumps	
Nominal Capacity	1,050 - 39,000 CFM
Motor Size	100 - 1,900 HP
Maxima-C single-stage vacuum pumps	
Nominal Capacity	200 - 22,600 CFM
Motor Size	10 - 1,200 HP
Maxima-C liquid ring compressor	
Nominal Capacity	up to 5,000 CFM
Pressure	up to 88 psig
Large Capacity two-stage vacuum pumps	
Nominal Capacity	600 - 2,800 CFM
Motor Size	32 - 230 HP



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