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Edwards E2M30 Vacuum Pump Performance Specifications

Maximum displacement	
50 Hz electrical supply	19 cfm
60 Hz electrical supply	23 cfm
Maximum speed - Pneurop	
50 Hz electrical supply	16.2 cfm
60 Hz electrical supply	19.4 cfm
Motor rotational speed	
50 Hz electrical supply	1440 r min ⁻¹
60 Hz electrical supply	1720 r min ⁻¹
Ultimate vacuum	
Without gas-ballast (partial pressure)	7 x 10 ⁻⁵ torr
Without gas-ballast (total pressure)	7 x 10 ⁻⁴ torr
With full gas-ballast (partial pressure)	1.5 x 10 ⁻¹ torr
Maximum water vapour inlet pressure	22.5 torr
Maximum water vapour pumping rate	0.7 kg h ⁻¹
Maximum permitted outlet pressure (at full pump throughput)	0.5 bar gauge 1.5 bar absolute 1.5 x 10 ⁵ Pa



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