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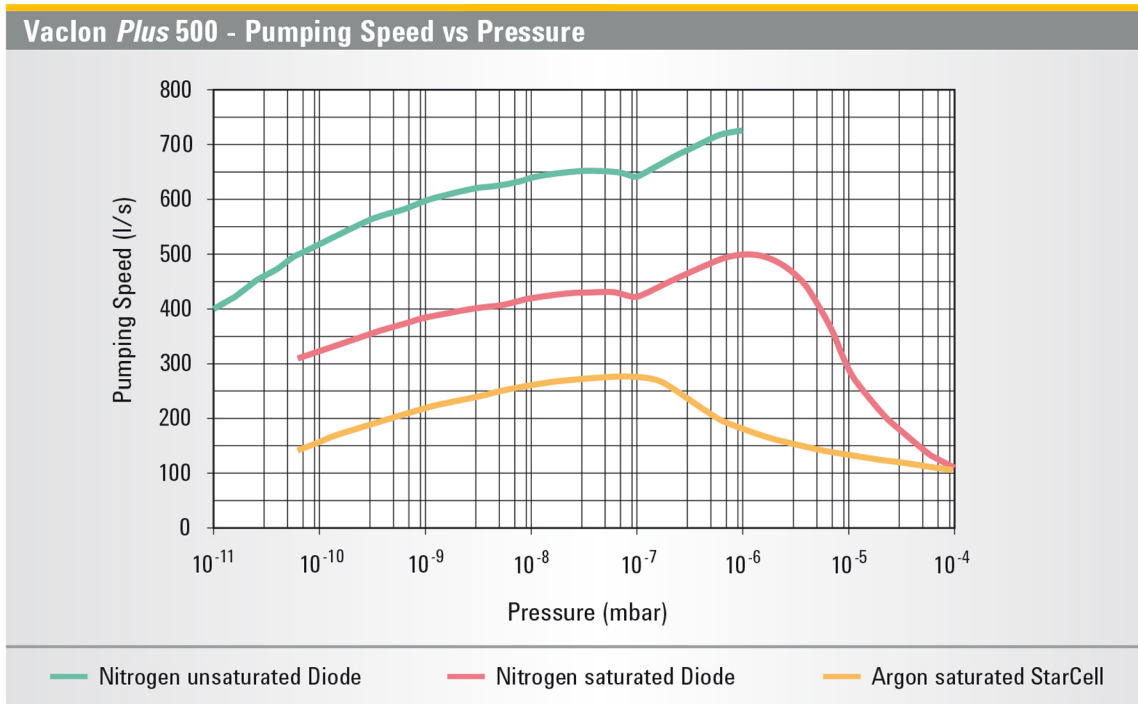
Agilent Vaclon Plus 500

Technical Specifications

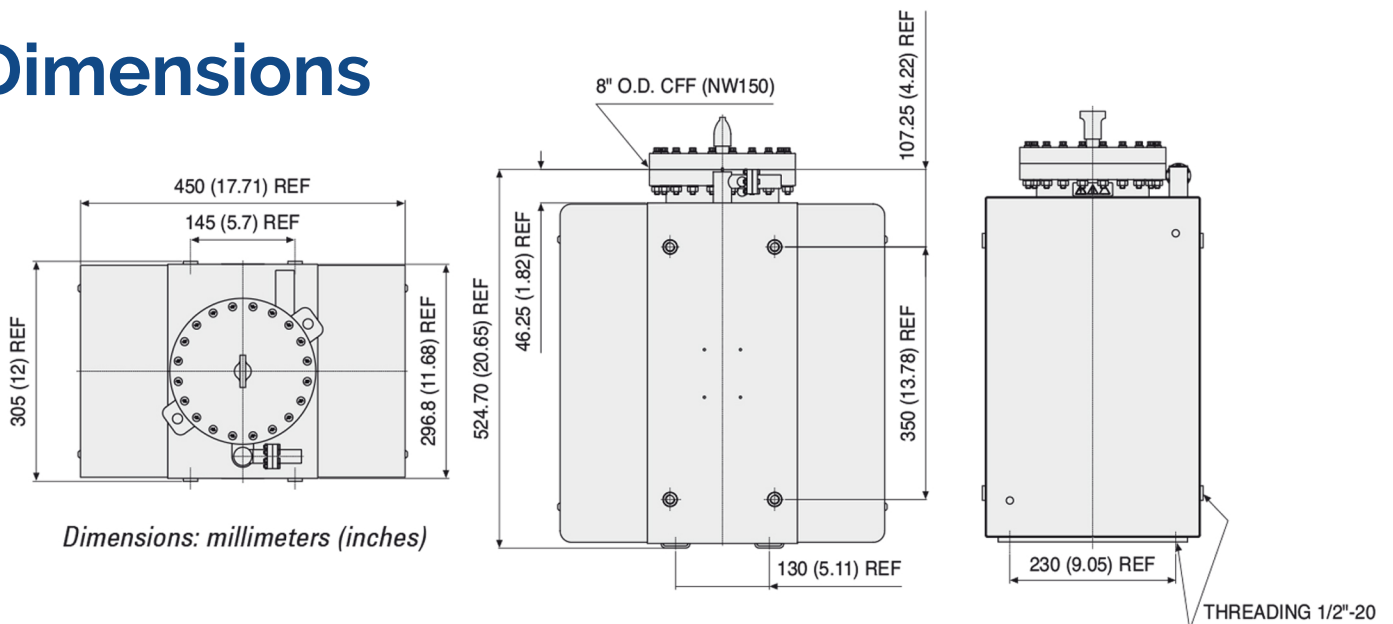
	Vaclon <i>Plus</i> 500		
Inlet flange	8" OD CFF (NW 150)		
Element type	Star Cell	Noble Diode	Diode
Pumping speed (l/s) (saturated pump at 1 ⁻⁶ mbar) Nitrogen	410	440	500
Operating life (hours) (at 1 ⁻⁶ mbar)	80,000	50,000	50,000
Maximum starting pressure (mbar)	<10 ⁻²	<10 ⁻³	<10 ⁻³
Maximum baking temperature (°C)	350	350	350
Weight kg (lbs)	Net 120 (264) Shipping 135 (297)		
SEM version available on request	—		



Agilent Vaclon Plus 500 Pumping Curves



Dimensions





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Features & Benefits

- optimized to maximize discharge intensity & pumping speed
- specially designed ceramic insulators prevent buildup
- feedthroughs eliminate corrosion & unintentional extraction
- cables have HV Safety Interlock to prevent electrical shock
- 3 pumping elements available: diode / noble diode / StarCell
- small footprint for easier system integration
- dedicated magnetic stray shields
- Agilent's patented anode design uses contoured cells & simplified electrical elements

Applications

- electron microscopy • research & development • mass spectrometry
- nanotechnologies • industrial vacuum processes

