



HiCube 300 Eco, DN 100 ISO-K, MVP 030-3

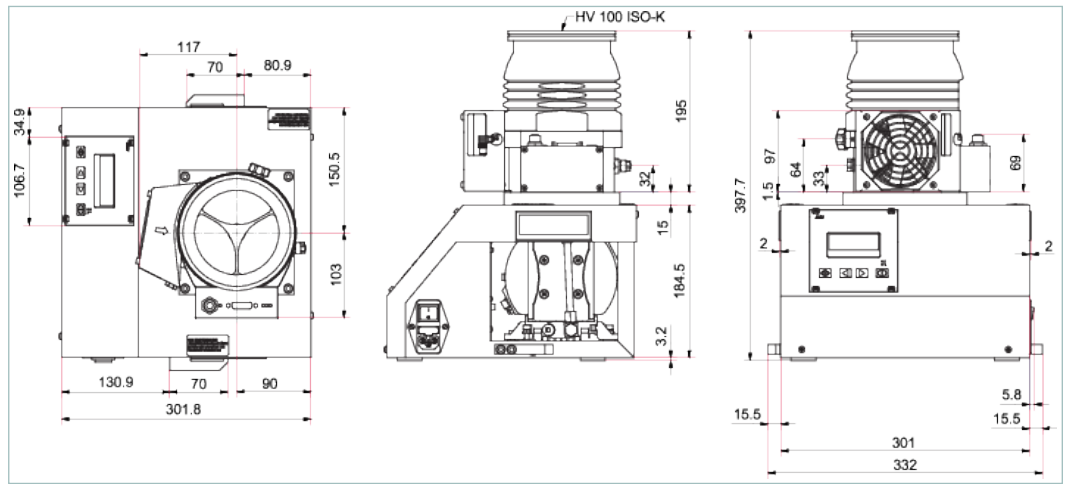


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HiCube 300 Eco, DN 100 ISO-K, MVP 030-3

- Compact high performance pumping station for all high and ultrahigh vacuum applications
- Plug and play solution with HiPace 300 turbopump and multistage diaphragm pump MVP 030-3
- Intermittent mode adapts the pumping station to the process conditions and saves up to 90% energy
- Easy integration of pressure gauges from the accessories

Dimensions



Technical Data	HiCube 300 Eco, DN 100 ISO-K, MVP 030-3
Backing pump	MVP 030-3
Cooling method, standard	Air
Flange (in)	DN 100 ISO-K
Flange (out)	Silencer, G 1/8"
Mains requirement	110 – 240 V AC, 50/60 Hz
Mains requirement: frequency (range)	50/60 Hz
Mains requirement: power consumption	270 W
Mains requirement: voltage	100 – 240 V
Power consumption max.	270 W
Pumping speed backing pump at 50 Hz	1.8 m ³ /h 1.06 cfm 30 l/min
Pumping speed for N ₂	260 l/s
Sound pressure level	≤ 50 dB(A)
Turbopump	HiPace 300
Type	Turbo pumping station
Ultimate pressure	< 1 · 10 ⁻⁷ hPa < 7.5 · 10 ⁻⁸ Torr < 1 · 10 ⁻⁷ mbar
Ultimate pressure without gas ballast	< 1 · 10 ⁻⁷ hPa < 7.5 · 10 ⁻⁸ Torr < 1 · 10 ⁻⁷ mbar
Weight	17.5 kg 38.58 lb

Order number	
HiCube 300 Eco	PM S76 200 00

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