



HiCube 300 Eco, DN 100 ISO-K, MVP 015-4

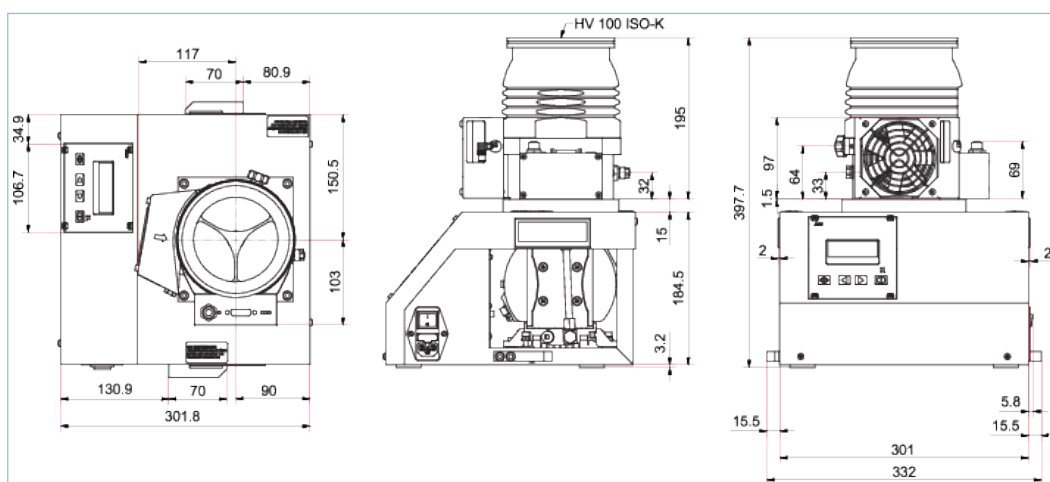


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HiCube 300 Eco, DN 100 ISO-K, MVP 015-4

- 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 015-4
- 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 015-4 |
|-------------------------------------|---|
| Backing pump | MVP 015-4 |
| Connection flange (in) | DN 100 ISO-K |
| Connection flange (out) | Silencer, G 1/8" |
| Cooling method | Air |
| Final pressure | $< 1 \cdot 10^{-7}$ hPa $< 7.5 \cdot 10^{-8}$ Torr $< 1 \cdot 10^{-7}$ mbar |
| Final pressure without gas ballast | $< 1 \cdot 10^{-7}$ hPa $< 7.5 \cdot 10^{-8}$ Torr $< 1 \cdot 10^{-7}$ mbar |
| Fore-vacuum safety valve | No |
| Mains connection | 110 – 240 V AC, 50/60 Hz |
| Mains connection: frequency (range) | 50/60 Hz |
| Mains connection: power consumption | 270 W |
| Mains connection: voltage | 100 – 240 V |
| Power consumption max. | 270 W |
| Pumping speed backing pump at 50 Hz | 0.75 m ³ /h 0.44 cfm 12.5 l/min |
| Pumping speed for N ₂ | 260 l/s |
| Sound pressure level | ≤50 dB(A) |
| Turbopump | HiPace 300 |
| Type | Turbo pumping station |
| Weight | 17.6 kg 38.8 lb |

| Order number | |
|----------------|----------------------|
| HiCube 300 Eco | PM S76 150 00 |

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