

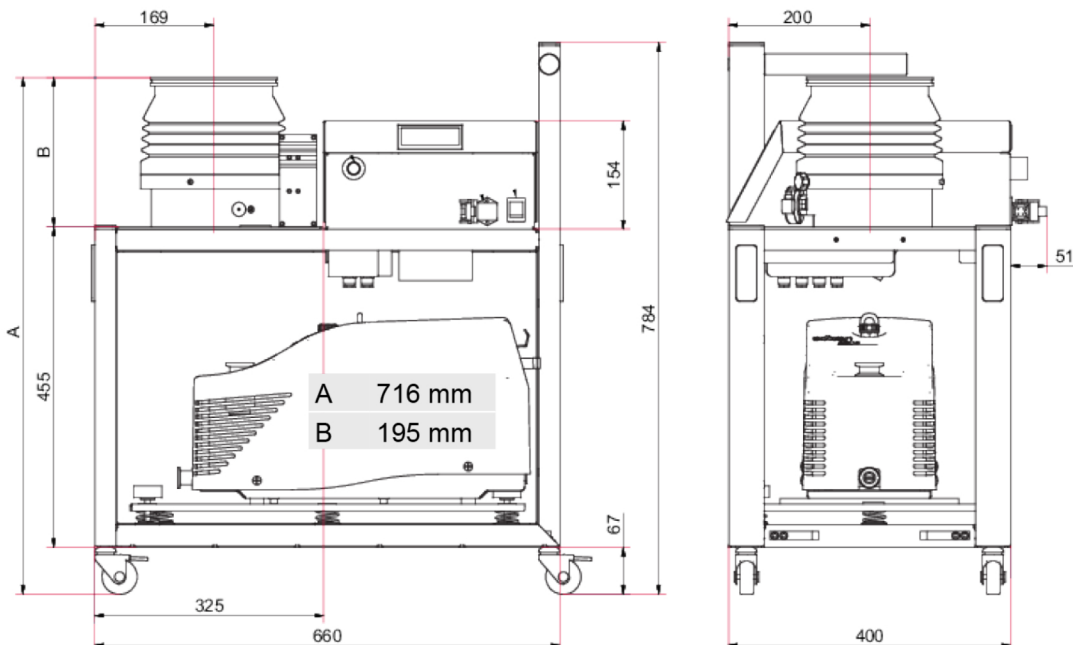


Pfeiffer HiCube 300H Pro

Technical Specifications

HiCube 300 H Pro	
Backing pump	ACP 15
Cooling method, standard	Air
Flange (in)	DN 100 ISO-K
Flange (out)	G 1/2
Fore-vacuum safety valve	AVC 025 MA
Mains requirement	230 V AC, 50/60 Hz
Power consumption max.	800 W
Pumping speed backing pump at 50 Hz	14 m ³ /h
Pumping speed for N ₂	260 l/s
Sound pressure level	≤ 50 dB(A)
Turbopump	HiPace 300 H
Type	Turbo pumping station
Ultimate pressure	< 1 · 10 ⁻⁷ hPa < 7.5 · 10 ⁻⁸ Torr < 1 · 10 ⁻⁷ mbar
Weight	77.4 kg 170.64 lb

Dimensions





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Pfeiffer HiCube 300H Pro Features & Benefits

- especially characterized by its extremely fast pump-down times
- features connectivity for digital pressure sensors
- optimal combination of HiPace turbo pump & backing pump
- modular design affords simple customization for application
- service friendly due to accessibility of individual components
- integrated drive electronics
- easy data collection & analysis
- plug & play - no installation or cabling required
- robust engineering makes for long service life
- optional forevacuum safety valve prevents venting in power failure
- direct connection of vacuum gauges possible

Applications

- research & development • accelerators • analysis & surface physics
- vacuum process technology • general vacuum applications

