

# Hei-VAP Core - motor lift model with G3 XL vertical glassware

## Technical datasheet



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|---|--|
| <b>Dimensions (W × H × D)</b>   | Variant with motor driven lift & glassware G3: 739 × 845 × 432 mm; Variant with manual lift & glassware G3: 739 × 845 × 487 mm |
| <b>Weight</b>   | Variant with motor driven lift: 15 kg   Variant with manual lift: 14,7 kg  |
| <b>Drive</b>  | EC motor   |
| <b>Speed range</b>  | 10 – 280 rpm   |
| <b>Heating power</b>  | 1300 W   |
| <b>Acoustic pressure</b>  | < 85 dB(A) (based on IEC 61010)  |
| <b>Rated voltage</b>  | 230 V 50/60 Hz or 115 V 50/60 Hz   |
| <b>Connection</b>   | n.a.   |
| <b>Protection class</b>   | Device: IP 20   Cable heating bath: IP 67  |
| <b>Overvoltage category</b>   | n.a.   |
| <b>Degree of pollution</b>  | n.a.   |
| <b>Power input</b>  | 1,400 W max.   |
| <b>Operating temperature</b>  | n.a.   |
| <b>Installation altitude</b>  | n.a.   |
| <b>Stroke flask lift</b>  | n.a.   |
| <b>Lifting speed flask lift</b>   | 25 mm/s  |
| <b>Evaporation rates (L/h) <math>\Delta T^*</math> 40 °C (for continuous operation)</b> | Toluol 8.5   Acetone 5.8   Ethanol 3.5   Water 1.2   |
| <b>Maximum cooling surface</b>  | 0.22 m <sup>2</sup> (depending on glass set)   |
| <b>Heating bath</b>   |  |

inner Ø: 253 mm, outer Ø: 291 mm | Material: V4A-  
steel (1.4404) stainless steel X2CrNiMo 17-12-2 |  
Volume 4.5 L

**Temperature range heating bath** 20 - 100 H<sub>2</sub>O / 20 - 210 oil

**Overtemperature protection** cut off at 5 °C difference to set temperature

**Overheat protection** 250 °C

**Control** electronic

**Control accuracy** ±1

**Storage conditions  
(recommendation)** n.a.