

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

## Technical datasheet



<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.