

Hei-VAP Core - motor lift model with G5 dry ice condenser

Technical datasheet



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

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 H2O / 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.