



designed for scientists



## RV 8 V-C

/// Data Sheet

The RV 8 Rotary Evaporator is the manual basic model in the family of IKA Rotation Evaporators. It finds a multitude of uses in the chemical, pharmaceutical, and biotechnology industries, in research and development, in manufacturing and quality assurance, in laboratories, and in plant construction. Thanks to specially designed glass guides, the vertical coated condenser makes extremely efficient use of the 1500 cm<sup>2</sup> cooling surface. Digital displays for speed and heating bath temperature enable optimum control of all distillation processes.

- New: 4 l heating bath
- integrated safety lift-out function in case of power failure



designed for scientists

- package includes Woulff bottle
- water/oil heating bath with carrying handles
- locking button for fixing heating bath temperature
- clearly legible, glass-covered, black-and-white display panel
- locking mechanism: red indicator shows unlocked position of the vapor tube
- manual lift for precise positioning of the glassware
- adjustable immersion angle
- single-handed manual lift handling, suitable for left and right-handed operators
- speed range: 5 - 300 min<sup>-1</sup>
- low device voltage (24V) ensures user safety
- flask clamping mechanism with integrated push-off function for easy exchange of evaporation flasks
- high-efficiency condenser with 1500 cm<sup>2</sup> cooling surface - low space requirements
- compatible with the entire range of IKA RV 10 glassware



designed for scientists

## Technical Data

|                                                   |                  |
|---------------------------------------------------|------------------|
| Type of cooling                                   | vertical         |
| Cooling surface [cm <sup>2</sup> ]                | 1500             |
| Motor principle                                   | DC               |
| Speed range [rpm]                                 | 5 - 300          |
| Speed tolerance set rotation speed < 100rpm [rpm] | ±1               |
| Speed tolerance set rotation speed > 100rpm [%]   | ±1               |
| Lift                                              | manual           |
| Stroke [mm]                                       | 120              |
| Heating temperature range [°C]                    | room temp. - 180 |
| Heat output [W]                                   | 1400             |
| Set temperature resolution [K]                    | ±1               |
| Filling volume max. [l]                           | 4                |
| Dimensions (W x H x D) [mm]                       | 510 x 490 x 345  |
| Weight [kg]                                       | 26.07            |
| Permissible ambient temperature [°C]              | 5 - 40           |
| Permissible relative humidity [%]                 | 80               |
| Protection class according to DIN EN 60529        | IP 20            |
| Voltage [V]                                       | 100 - 240        |
| Frequency [Hz]                                    | 50/60            |
| Power input [W]                                   | 1500             |
| DC Voltage [V=]                                   | 24               |