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RV 3 V

/// Data Sheet

The new RV 3 Rotary Evaporator is the ideal entry-level model of the IKA rotary evaporator portfolio. 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 condenser makes extremely efficient use of the 1500 cm² cooling surface.

- New: 4 l heating bath for up to 99°C
- water heating bath with digital temperature display and carrying handles
- mechanical lift end-point safety stop

- 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
- stepless speed setting with dial control and speed display
- speed range: 20-300rpm
- 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 cm² cooling surface - low space requirements
- compatible with the entire range of IKA RV 10 glassware

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Technical Data

Type of cooling	vertical
Cooling surface [cm2]	1600
Motor principle	DC
Speed range [rpm]	20 - 300
Speed tolerance set rotation speed < 100rpm [rpm]	±1
Speed tolerance set rotation speed > 100rpm [%]	±1
Lift	manual
Stroke [mm]	150
Heating temperature range [°C]	room temp. - 99
Dimensions (W x H x D) [mm]	440 x 530 x 330
Weight [kg]	28.3
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]	1400