



## RV 8 with Dry Ice Condenser

The IKA Rotary Evaporator range gets a new family member - the RV 8. This new distilling system completes the existing series by adding a functional basic model. The manual lift, with ambidextrous design, allows for precise positioning of the glassware. Digital displays for rotation speed and heating bath temperature allow for optimal control of all distilling processes. New clamp mechanism to simplify the changing of evaporation flasks.

- Manual lift with integrated safety "lift-out-function"
- Water/oil heating bath with integrated ergonomic carrying handles
- Key-button with locking function for the heating bath temperature
- Adjustable immersion angle
- Digital displays for rotation speed and heating bath temperature
- Single-hand operation; ambidextrous design
- Speed range 5 - 300 rpm
- Additional user safety through reduced 24 V power requirements within the unit
- Compatible with the complete range of IKA RV 10 glassware
- New clamp mechanism

Package description: With heating bath HB 10 and RV 10.4 Dry Ice Condenser

Accessories: RV 10.3 Vertical-intensive condenser with manifold, RV 10.30 Vertical-intensive condenser with manifold, coated, RV 10.5 Vertical condenser with manifold and cut-off valve for reflux distillation, coated, RV 10.4 Dry Ice Condenser, RV 10.40 Dry Ice Condenser, coated, RV 10.6 Vertical-intensive condenser with manifold and cut-off valve for reflux distillation, RV 10.60 Vertical-intensive condenser with manifold and cut-off valve for reflux distillation, coated, RV 10.840 Evaporation flask, coated, (NS 29/32, 1.000 ml), RV 10.200 Receiving flask, coated (KS 35/20, 100 ml), RV

### Technical Data

Type of cooling	vertical
Cooling surface [cm <sup>2</sup> ]	620
Motor principle	DC
Speed range [rpm]	5 - 300
Reversible direction of rotation	no
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]	1300
Set temperature resolution [±K]	1
Filling volume max. [l]	3
Vacuum controller integrated	no
Timer	no
Dimensions (W x H x D) [mm]	510 x 490 x 345
Weight [kg]	15.5
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 20
RS 232 interface	no
USB interface	no
Analog output	no
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	1400
DC Voltage [V=]	24

### Ident. No.

0010000403

10.201 Receiving flask, coated (KS 35/20, 250 ml), RV 10.202 Receiving flask, coated (KS 35/20, 500 ml), RV 10.203 Receiving flask, coated (KS 35/20, 1.000 ml), RV 10.204 Receiving flask, coated (KS 35/20, 2.000 ml), RV 10.205 Receiving flask, coated (KS 35/20, 3.000 ml), RV 10.8001 Seal, RV 10.5003 Pressure control valve, HB 10.1 Shield, LVS 105 T-ef, N 920 KT.29.18 Membrane vacuum pump, UC006 Unichiller, HB 10