

# IKA® Distilling Rotary evaporators



## RV 06-ML 1-B

Consisting of heating bath HB 4 basic, set of glassware RV 06.1 with diagonal condenser and drive RV-06 ML with lift with electrical height adjustment.

- Wearless drive with brushless DC motor
- Convenience and safety with motorized lift; the glassware is not moved
- Condenser geometry with 1.200 cm<sup>2</sup> cooling surface, higher yield and increased condensation power
- No chimney effect, no foaming
- Rodaviss screw joint allows bonded ground joints to be released easily, removable screw connections facilitate cleaning of glass components

### Accessories (Page):

RV 06.2 Set of glassware (97),  
VC 2 Vacuum controller (112)

Set of glassware	RV 06.1
Type of condenser	diagonal
Cooling surface	1.200 cm <sup>2</sup>
Drive	RV 06-ML
Motor type	DC motor
Motor rating	
input / output	45 / 36 W
Speed range	10 - 240 rpm
Head inclination, adjustable	± 10 °
Lift	
Stroke min. / max.	74 / 150 mm
Drive	motor
Max. load	10 kg
Alignment end stop on top	76 mm
Lower limit switch	fixed
Heating bath	HB 4 basic
Temperature range	RT - 225 °C
Heating output	1.000 W
Setting accuracy	± 5 K
Control deviation	± 5 K
General data	
Dimensions (W x D x H)	840 x 390 x 880 mm
Weight	18 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 21

Ident. No.

**8010000**

230 V 50/60 Hz

Ident. No.

**8010001**

115 V 50/60 Hz



## RV 06-ML 2-B

Consisting of heating bath HB 4 basic, set of glassware RV 06.2 with vertical condenser (space-saving), drive RV 06-ML with lift with electrical height adjustment.

- Wearless drive with brushless DC motor
- Convenience and safety with motorized lift; the glassware is not moved
- Condenser geometry with 1.200 cm<sup>2</sup> cooling surface, higher yield and increased condensation power
- No chimney effect, no foaming
- Rodaviss screw joint allows bonded ground joints to be released easily, removable screw connections facilitate cleaning of glass components
- Suitable for DIN EN 12697-3 (Asphalt test for hot asphalt)

### Accessories (Page):

RV 06.1 Set of glassware (96),  
VC 2 Vacuum controller (112)

Set of glassware	RV 06.2
Type of condenser	vertical
Cooling surface	1.200 cm <sup>2</sup>
Drive	RV 06-ML
Motor type	DC motor
Motor rating	
input / output	45 / 36 W
Speed range	10 - 240 rpm
Head inclination, adjustable	± 10 °
Lift	
Stroke min. / max.	74 / 150 mm
Drive	motor
Max. load	10 kg
Alignment end stop on top	76 mm
Lower limit switch	fixed
Heating bath	HB 4 basic
Temperature range	RT - 225 °C
Heating output	1.000 W
Setting accuracy	± 5 K
Control deviation	± 5 K
General data	
Dimensions (W x D x H)	640 x 390 x 1.130 mm
Weight	18 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 21

Ident. No.

**8010100**

230 V 50/60 Hz

Ident. No.

**8010101**

115 V 50/60 Hz

# IKA® Distilling

## Rotary evaporators



### RV 05 basic 1-B

Newly designed! Consisting of heating bath HB 4 basic, set of glassware RV 06.1 with diagonal condenser, drive RV 05 basic, telescopic stand RV 05.3 and boss head clamp 271.

- Easy and jolt-free raising and lowering of the rotary evaporator
- Telescopic stand tiltable to the side
- Rodaviss screw joint allows bonded ground joints to be released easily, removable screw connections facilitate cleaning of glass components
- Condenser geometry with 1.200 cm<sup>2</sup> cooling surface, higher yield and increased condensation power
- No chimney effect, no foaming

### Accessories (Page):

RV 06.2 Set of glassware (97),  
VC 2 Vacuum controller (112)

Set of glassware	RV 06.1
Type of condenser	diagonal
Cooling surface	1.200 cm <sup>2</sup>
Drive	RV 05 basic
Motor type	asynchronous
Motor rating	
input / output	133 / 65 W
Speed range	46 - 260 rpm
Head inclination, adjustable	any
Lift	RV 05.3
Stroke	190 mm
Max. load	10 kg
Swivel feature	90 °
Heating bath	HB 4 basic
Temperature range	RT - 225 °C
Heating output	1.000 W
Setting accuracy	± 5 K
Control deviation	± 5 K
General data	
Dimensions (W x D x H)	520 x 450 x 900 mm
Weight	12 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	21 IP

Ident. No.		Ident. No.
<b>8017900</b>	230 V 50/60 Hz	<b>8017901</b>
		115 V 50/60 Hz



### RV 05 basic 2-B

Newly designed! Consisting of heating bath HB 4 basic, set of glassware RV 06.2 with vertical condenser (space-saving), drive RV 05 basic, telescopic stand RV 05.3 and boss head clamp R 271.

- Easy and jolt-free raising and lowering of the rotary evaporator
- Telescopic stand tiltable to the side
- Rodaviss screw joint allows bonded ground joints to be released easily, removable screw connections facilitate cleaning of glass components
- Condenser geometry with 1.200 cm<sup>2</sup> cooling surface, higher yield and increased condensation power
- No chimney effect, no foaming
- Suitable for DIN EN 12697-3 (Asphalt test for hot asphalt)

### Accessories (Page):

RV 06.1 Set of glassware (96),  
VC 2 Vacuum controller (112)

Set of glassware	RV 06.2
Type of condenser	vertical
Cooling surface	1.200 cm <sup>2</sup>
Drive	RV 05 basic
Motor type	asynchronous
Motor rating	
input / output	133 / 65 W
Speed range	46 - 260 rpm
Head inclination, adjustable	any
Lift	RV 05.3
Stroke	190 mm
Max. load	10 kg
Swivel feature	90 °
Heating bath	HB 4 basic
Temperature range	RT - 225 °C
Heating output	1.000 W
Setting accuracy	± 5 K
Control deviation	± 5 K
General data	
Dimensions (W x D x H)	580 x 480 x 1.000 mm
Weight	12 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	21 IP

Ident. No.		Ident. No.
<b>8018000</b>	230 V 50/60 Hz	<b>8018001</b>
		115 V 50/60 Hz

# IKA® Distilling

## Accessories rotary evaporators



### RV 05 basic drive

Rotary evaporator drive, newly designed. The drive output is transmitted directly to the vapor tube via a control gear with secondary torque coupling.

- Condenser motor supported by means of ball bearing
- Constant operation is guaranteed even with heavy loads

Motor type	asynchronous
Motor rating	
input / output	133 / 65 W
Speed range	46 - 260 rpm
Speed display	scale
Dimensions (W x D x H)	130 x 200 x 260 mm
Weight	4,5 kg
Permissible	
ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 21

#### Accessories (Page):

RV 05.3 Telescopic stand (96),  
Set of glassware (96/97): RV 06.1, RV 06.2  
HB 4 basic Heating bath (85),  
R 271 Boss head clamp (108)

Ident. No.	Ident. No.
<b>3075000</b>	<b>3075001</b>
230 V 50/60 Hz	115 V 50/60 Hz

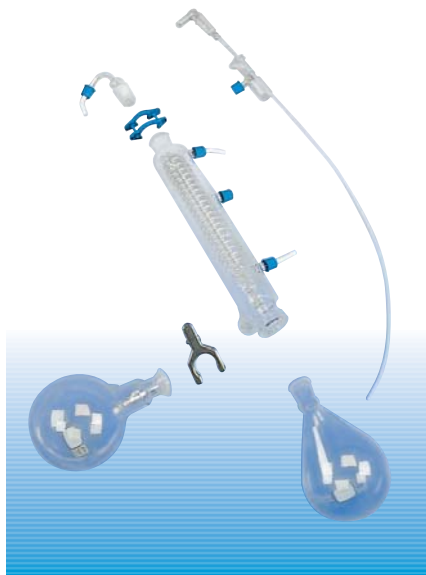


### RV 05.3 Telescopic stand

Raising is made easier by a jolt-free pneumatic spring.

Diameter of support rod	34 mm
Max. load	10 kg
Stroke	190 mm
Height	710 - 900 mm
Dimensions (W x D x H)	580 x 450 x 900 mm

Ident. No.
<b>3154100</b>



### RV 06.1 Set of glassware

Diagonally mounted condenser for all standard distillation tasks.

- Can be assembled and disassembled quickly and without difficulty
- Included with delivery: one 1.000 ml evaporating flask and one 1.000 ml receiving flask

Type of condenser	diagonal
Cooling surface	1.200 cm <sup>2</sup>

#### Accessories (Page):

Evaporating flasks (97): RV 06.4, RV 06.5, RV 06.6,  
RV 06.7 Receiving flask (97),  
RV 06.11 Vapor tube (97),  
Seals (97): RV 06.13, RV 06.15

Ident. No.
<b>1957500</b>

# IKA® Distilling

## Accessories rotary evaporators



### RV 06.2 Set of glassware

With space-saving vertical condenser. The distributor part is fitted with a condensate blocker as well as a discharge channel which prevents the condensate from getting into contact with the seal. A PTFE inlet pipe facilitates constant in-feed of the distillate.

Included with delivery: one 1.000 ml evaporating flask and one 1.000 ml receiving flask

Type of condenser	vertical
Cooling surface	1.200 cm <sup>2</sup>

#### Accessories (Page):

Evaporating flasks (97): RV 06.4, RV 06.5, RV 06.6,  
RV 06.7 Receiving flasks (97),  
RV 06.11 Vapor tube (97),  
Seals (97): RV 06.13, RV 06.15

Ident. No.

**1957600**



### RV 06.11 Vapor tube ①

For set of glassware RV 06.1 and RV 06.2.

### RV 06.13 Seal ②

For RV 06.11.

### RV 06.15 Seal ③

For RV 06.11,  
resistant to solvents.

Diameter	21,6 mm
----------	---------

Material	Viton® with PTFE coating
----------	--------------------------

Material	PTFE
----------	------

Ident. No.

**1958000** RV 06.11

**1907800** RV 06.13

**2114700** RV 06.15

### Evaporating flasks, NS 29

#### RV 06.4 ①

Volume	1 l
Material	borosilicate glass

#### RV 06.5 ②

Volume	2 l
Material	borosilicate glass

#### RV 06.6 ③

Volume	0,1 l
Material	borosilicate glass

Ident. No.

**1905600** RV 06.4

**1905500** RV 06.5

**1905700** RV 06.6



### RV 06.7 Receiving flask, KS 35

Volume	1 l
Material	borosilicate glass

Ident. No.

**1906600**

