

	RV 10 basic	RV 10 digital	RV 10 control
Variants	RV 10 basic V RV 10 basic V-C RV 10 basic D RV 10 basic D-C	RV 10 digital V RV 10 digital V-C RV 10 digital D RV 10 digital D-C	RV 10 control V RV 10 control V-C RV 10 control D RV 10 control D-C
Cooler type	V=vertical V-C=vertical coated D=diagonal D-C=diagonal coated	V=vertical V-C=vertical coated D=diagonal D-C=diagonal coated	V=vertical V-C=vertical coated D=diagonal D-C=diagonal coated
Cooling surface	1200 cm <sup>2</sup>	1200 cm <sup>2</sup>	1200 cm <sup>2</sup>
<b>Drive</b>			
Motor type	brushless DC drive motor	brushless DC drive motor	brushless DC drive motor
Motor rating input	50 W	50 W	50 W
Speed range	20 to 270 rpm	20 to 270 rpm	20 to 270 rpm
Speed display	digital	digital	digital
Right and left movement / interval operation	yes	yes	yes
Smooth start	yes	yes	yes
Head angle adjustable	0 to 45°	0 to 45°	0 to 45°
Stroke displacement	140 mm, motorised	140 mm, motorised	140 mm, motorised
Setting of lower end stop	60 mm, contact-free	60 mm, contact-free	60 mm, contact-free
Vacuum controller	accessories	accessories	integrated
<b>Heating bath</b>			
	<b>HB 10 basic</b>	<b>HB 10 digital</b>	<b>HB 10 control</b>
Temperature range	RT to 180 °C	RT to 180 °C	RT to 180 °C
Heating power	1300 W	1300 W	1300 W
Controller	capillary tube controller	micro controller	micro controller
Temperature display	scale	digital	digital
Setting accuracy	scale	1 K	1 K
Control deviation	± 5 K	± 1 K	± 1 K
<b>Required accessories for an existing vacuum</b>			
Magnetic valve in-house vacuum	<sup>1)</sup>	<sup>1)</sup>	RV 10.4001
Magnetic valve laboratory vacuum	<sup>1)</sup>	<sup>1)</sup>	RV 10.4002
Pump control incl. magnetic valve	<sup>1)</sup>	<sup>1)</sup>	RV 10.4003
<b>General data</b>			
Dimensions without glassware (W x D x H)	530 x 410 x 570 mm	530 x 410 x 570 mm	530 x 410 x 570 mm
RV 10 diagonal (W x D x H)	890 x 410 x 670 mm	890 x 410 x 670 mm	890 x 410 x 670 mm
RV 10 vertical (W x D x H)	680 x 410 x 990 mm	680 x 410 x 990 mm	680 x 410 x 990 mm
Weight of evaporator incl. heating bath without glass parts	20 kg	20 kg	21,5 kg
Permitted ambient temperature	5 to 40 °C	5 to 40 °C	5 to 40 °C
Protection class acc. to DIN EN 60529	IP 20	IP 20	IP 20

<sup>1)</sup> no accessories required for vacuum pump connection (vacuum level must be controlled on the external system)