

# Cole-Parmer®

## RV-400 Series Rotary Evaporators

- Motorized lift provides smooth, stable lifting and lowering of the bath
- Unique PTFE sealing system offers excellent thermostability
- PID temperature controller provides stable temperature control
- High-efficiency drain port and injection valves
- Small footprint takes up minimal lab space
- 3-year warranty



# RV-400 Series Rotary Evaporators

Our RV-400 series rotary evaporators with motorized lift system move the bath up or down smoothly with a simple push of a button. The control panel features up and down arrows to control the bath height, push-button controls to turn rotation and heat on or off, a knob to select parameter, and a large multiline display. The large LCD lets you view and set current rotation speed, temperature, and timer.

The unique PTFE sealing system provides great thermostability and excellent chemical resistance. Direct injection capability for continuous feeding of solution and continuous drain capability without the need to release vacuum or stop the system make these evaporators efficient and simple to use. A stainless steel bath with PTFE coating withstands high temperatures and is easy to clean. Safety features include dry-run protection, overtemperature shutoff, circuit breaker, and power interruption alarm.

Each unit includes evaporator control stand, mounting pole, uncoated glassware set (vertical condenser, sample flask, receiving flask), water bath, clamp holders, brackets, nozzle set, and vacuum gauge.



RV-400A-5



RV-400A-10



RV-400A-50

## Specifications

Model no.	RV-400
Speed resolution	1 rpm
Water bath temp range	5 to 99 °C
Temperature resolution	0.1 °C
Maximum vacuum	8 mbar
Timer range	1 to 5999 minutes
Lift mechanism	Automatic motorized
Warranty	3 years

## Ordering Information

Evaporation flask size	Rotation speed	Evaporation rate	Vacuum connection	Dimensions (W x H x D)	Wattage	Power (50/60 Hz)	Item no.	Model no.
5 L	20 to 140 rpm	2 L/hr	10 mm barb	86 x 112 x 41 cm (33.9 x 44.1 x 16.1 in)	1800	120 VAC	52411-96	RV-400A-5-120
					2300	220 VAC	52411-97	RV-400A-5
10 L	20 to 130 rpm	3.5 L/hr	18 mm barb	110 x 206 x 54 cm (43.3 x 81.1 x 21.3 in)	3300	220 VAC	52411-98	RV-400A-10
20 L	20 to 130 rpm	4 L/hr	18 mm barb	120 x 206 x 57 cm (47.2 x 81.1 x 22.4 in)	4300	220 VAC	52411-99	RV-400A-20
50 L	20 to 110 rpm	9 L/hr	18 mm barb	130 x 215 x 61 cm (51.2 x 84.6 x 24 in)	5300	220 VAC	52410-00	RV-400A-50

**Note:** Units are hard-wired except for 5-L models which have a power cord with NEMA plug. Electrical installation should be carried out by a qualified electrician.