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## Vacuum Pumps, RV Dual-Mode, Direct Drive, Edwards

Supplier: Edwards

These quiet, double stage vacuum pumps are designed to provide both high throughput and low ultimate vacuum. Dual-mode action allows user to easily configure the unit to pump a very high gas load or achieve an excellent vacuum, all from a single pump.



Features include a cartridge-based pumping mechanism incorporating advanced new materials, fully featured Edwards motor, and fast acting inlet valve to seal the pump for suck-back protection. Controls are clearly marked and have easy-to-use large finger grips. On/off switch controls pump. Inlet/outlet connections are NW25.

Units feature special dual voltage, dual frequency motor with an IEC main input socket. Shaft seal can be changed or repositioned without dismantling the pump. Motor voltage is determined by simple rocker switch, enabling pump to be easily configured for international use. For 115/230V, 50/60Hz operation.

Ordering Information: Supplied with manufacturer's one-year warranty. Includes one-liter of Ultragrade 19 vacuum pump oil. The clean and overhaul kit (47730-816) contains all the springs, gaskets, seals, and other components required for routine maintenance and whenever the pump is dismantled.

### ORDER

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Electrical	Model	Dimensions	Free Air Displacement	Oil Capacity	Weight	Supplier No.	VWR Catalog Number	Unit	Price	Quantity
300W	RV3	43L x 16W x 23H cm (17 x 6.3 x 9 ")	75 L/min. (2.7 cfm)	0.7 L	21.6 kg (47.6 lbs.) without oil	A65201906	EVR140-00-001	Each	\$2,613.63	<input type="text" value="0"/>
300W	RV5	43L x 16W x 23H cm (17 x 6.3 x 9 ")	117 L/min. (4.1 cfm)	0.7 L	21.5 kg (47.4 lbs.) without oil	A65301906	EVR240-00-001	Each	\$2,892.75	<input type="text" value="0"/>
300W	RV12	49L x 16W x 23H cm (19 <sup>9</sup> / <sub>32</sub> x 6.3 x 9 ")	283 L/min. (10 cfm)	0.7 L	26.3 kg (58 lbs.) without oil	A65501906	EVR440-00-001	Each	\$3,806.25	<input type="text" value="0"/>
550W	RV8	47L x 16W x 23H cm (18 <sup>1</sup> / <sub>2</sub> x 6.3 x 9 ")	195 L/min. (6.9 cfm)	0.7 L	25.9 kg (57 lbs.) without oil	A65401906	EVR340-00-001	Each	\$3,171.88	<input type="text" value="0"/>

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### SPECIFICATIONS

Maximum Pumping Rate, H <sub>2</sub> O Vapor	0.13 lbs./hr. for Gas Ballast Low Flow, 0.49 lbs./hr. for Gas Ballast High Flow		0.13 lbs./hr. for Gas Ballast Low Flow, 0.64 lbs./hr. for Gas Ballast High Flow	
Maximum Water Vapor Inlet Pressure	60 torr (Measurement with gas ballast closed in high vacuum mode.)	38 torr (Measurement with gas ballast closed in high vacuum mode.)	29 torr (Measurement with gas ballast closed in high vacuum mode.)	24 torr (Measurement with gas ballast closed in high vacuum mode.)
Model	RV3	RV5	RV8	RV12
Ultimate Vacuum	1.5 x 10 <sup>-3</sup> (Measurement with gas ballast closed in high vacuum mode.)			

### ACCESSORIES

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#### Accessories for Vacuum Pumps, RV Dual-Mode, Direct Drive, Edwards

Model	Supplier No.	VWR Catalog Number	Unit	Price	Quantity
Clean and Overhaul Kit	A652-01-131	47730-816	Each	\$345.42	<input type="text" value="0"/>

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