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RV 8 pro V-C Complete

/// Hoja de Datos

The RV 8 pro V-C Complete package is the complete solution for your rotary evaporator setup.

In addition to the RV 8 V-C rotary evaporator, the package includes the HB digital heating bath with a capacity of 4 liters, a highly efficient coated vertical glass condenser set with 1L receiver and evaporator flask, as well as the VACSTAR digital vacuum pump with VC 10 lite vacuum controller and the RC 2 lite recirculating chiller. All components and connections required for operation are included.

The RV 8 is the manual basic model in the family of IKA rotary evaporators. It finds a multitude of uses in the chemical,



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pharmaceutical, and biotechnology industries, in research and development, in manufacturing and quality assurance, in laboratories, and in plant construction. Thanks to specially designed glass guides, the vertical condenser makes extremely efficient use of the 1600 cm² cooling surface. Digital displays for speed and heating bath temperature enable optimum control of all distillation processes.

The included VACSTAR digital vacuum pump is extremely space-saving and achieves a minimum vacuum of 2 mbar. It is controlled by the supplied VC 10 lite vacuum controller. In addition to controlling the recirculating chiller, the controller also enables manual setting of the vacuum as well as program-controlled operation.

The compact RC 2 lite recirculating chiller with strong 400 watt cooling capacity and a powerful pressure and suction pump (0.35 bar) is designed for simple cooling tasks down to -10 °C. The easily accessible and easy-to-clean mesh filter made of stainless steel ensures a consistently high cooling performance for years. Thanks to the natural refrigerant R290, the RC 2 lite is particularly environmentally friendly and well prepared for the future.



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Información Técnica

Tipo de enfriamiento	vertical
Superficie de enfriamiento [cm ²]	1600
Principio del motor	DC
Rango de velocidad [rpm]	5 - 300
Tolerancia velocidad, velocidad de rotación definida < 100rpm [rpm]	±1
Tolerancia velocidad, velocidad de rotación definida > 100rpm [%]	±1
Elevador	manual
Movimiento [mm]	120
Rango de temperatura de calefacción [°C]	temp. ambiental - 180
Potencia de calefacción [W]	1400
Control de calentamiento preciso [K]	±1
Volumen max. de Baño [l]	4
Dimensiones (An x Al x Pr) [mm]	510 x 490 x 345
Peso [kg]	25.76
Temperatura ambiental permitida [°C]	5 - 40
Humedad relativa permitida [%]	80
Clase de protección de acuerdo al DIN EN 60529	IP 20
Voltaje [V]	100 - 240
Frecuencia [Hz]	50/60
Consumo de energía [W]	1500
Voltaje DC [V=]	24