



AE-RE Series AE-RE50

Rotary Evaporator For AE-RE Series

Digital Display

Key Features

1. Digital display;
2. Working environment: 5~35°C;
3. Evaporating Speed: 20ml/min.

Feature of rotary evaporator :

1. Patented condenser (cooling surface) with excellent cooling effect ;
2. Electrical Motor lift + Manual Lift.

AE-RE50



Technical Specifications:

Model		AE-RE7	AE-RE7L	AE-RE5	AE-RE10	AE-RE20	AE-RE50
Working Environment (°C)		5~35					
Rotating Speed (rpm)		10~180		20~140	20~130	20~130	20~110
Evaporating Speed (ml/min)		20		—	—	—	—
Maximum Evaporating Capacity (L/h)		—		Water: 2; Alcohol: 4	Water: 3.2; Alcohol: 6.5	Water: 5; Alcohol: 11	Water: 9; Alcohol: 19
Ultimate Vacuum (Pa)		≤ 399.9					
Water Bath Temperature(°C)		Room Tem~100		Room Tem~99			
Water Bath Temperature Accuracy (°C)		—		±1	±1	±1	±1
Temperature Control		Keypad Setting, Digital Display		—	—	—	—
Rotating Speed Control		Knob Setting, Digital Display		Digital Display and Stepless Control			
Electrical Requirements		110V,60Hz or 220V,50/60Hz		220V,50/60Hz		3~, 380V,50/60Hz	
Overall Power(KW)		—		—	4.8	6.3	6.3
Motor Power (W)		25		40	250	250	250
Heating Power(KW)		1.5		—	—	—	—
Condenser	Type	Vertical	Diagonal	Vertical double condensing coils	Vertical	Vertical	Vertical
	Cooling Surface	1200cm ²		0.27cm ²	Main Condenser : 4200cm ² Auxiliary Condenser : 2200cm ²	Main Condenser : 8000cm ² Auxiliary Condenser : 3900cm ²	Main Condenser : 9100cm ² Auxiliary Condenser : 5200cm ²

Model		AE-RE7	AE-RE7L	AE-RE5	AE-RE10	AE-RE20	AE-RE50
Rotating Flask Capacity (L)		0.5~2		5	10	20	50
Rotating Flask Opening Diameter		—		Flange Φ50mm	Flange Φ95mm	Flange Φ125mm	Flange Φ125mm
Receiving Flask Capacity (L)		1		3	5	10	20
Vacuum Sealing		PTFE+Vinton Gaskets (double sealing)		PTFE + Vinton Gaskets			
Water Bath Size (mm)		Φ260×140		Φ300×170	Φ350×220	Φ450×260	Φ550×320
Water Bath Material		—		Stainless Steel			
Water Bath Capacity (L)		7.4		12	21	41	77
Lifting Function		Sliding + Manual Lift		Electrical Lift			Electrical Lift + Manual Lift
Lifting Distance (mm)		100 + 150		0~150	0~160	0~190	0~180
Shipping Dimension (L*W*H)(mm)	Main body	670×530×480	670×530×480	440×740×920	940×510×1080	1040×620×1200	1170×710×1480
	Glass parts			560×560×570	850×660×730	860×730×800	1010×860×810
Shipping Weight (kg)	Main body	16		49	92	109	161
	Glass parts			29	44	60	77