

Large scale Rotary Evaporator N-21·51·101 series

20·50·100L standard type suitable for large volume solvent condensing, evaporation, drying and recovery.



N-21



Sub-cooler



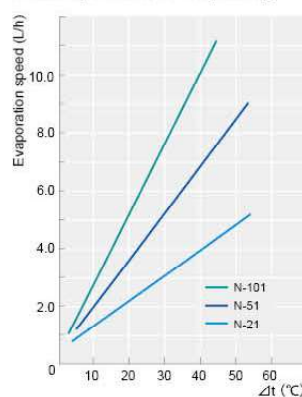
Cone cooler

Features

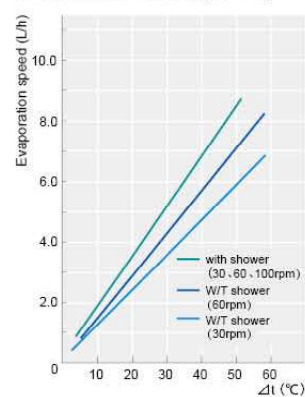
- Full line of large capacity evaporators 20L, 50L & 100L.
- Large volume samples can be condensed, evaporated, dried and recovered quickly at low temperature.
- Features continuous sample injection and recovery of eluted solvents from drain pipe during operation (Option for N-21·51).
- Explosion proof model is available (d model).
- High recovery ratio cone cooler is used for condenser and sub-cooler is provided to prevent re-evaporation.

Data

Evaporation capacity



Shower effect (N-51)



Specifications

Product name	Rotary Evaporator		
	N-21	N-51	N-101
Model	N-21	N-51	N-101
Cat. No.	117131	117140	117150
Rotation speed	20~120rpm stepless	10~80rpm stepless	
Circulation pump (Shower)	7L/min, Motor output 10/15W (50/60Hz)		
Ultimate vacuum	2.6hPa (2Torr) or less		
Heater (Temp. control)	2kW	3kW	4kW
Motor	400W		
Bath temp. control range	RT+5~80°C		
Bath jack function	Electro hydraulic auto jack		
Condenser	Vertical quadruple helix Cooling area 1.0m ²	Vertical quadruple cone Cooling area 2.0m ²	
Sample flask	Round flask 20L	Round flask 50L	Round flask 100L
Receiving flask	Round flask 10L	Round flask 20L	Round flask 50L
Vacuum seal	Teflon seal		
Bath dimensions (mm)	ID430 x 250Hmm 25L	ID560 x 300Hmm 50L	ID700 x 350Hmm 90L
Bath jack strok	180mm	200mm	280mm
Dimensions (mm)	1250W x 745D x 2130H	1500W x 750D x 2300H	1700W x 850D x 2620H
Weight	220kg	280kg	330kg
Power supply	6.8kVA AC200V 3Φ	9.8kVA AC200V 3Φ	12.8kVA AC200V 3Φ

- * N-21N: Without shower; Cat. No. 117130
- * N-21NS: With 1~6 kW heater; Cat. No. 195580
- * N-21d Explosion proof type; Cat. No. 117220
- N-51d Explosion proof type; Cat. No. 117230
- N-101d Explosion proof type; Cat. No. 117240
- * N-21B Temp. range RT+5~170°C Cat. No. 117190
- N-51B Temp. range RT+5~170°C Cat. No. 117200
- N-101B Temp. range RT+5~170°C Cat. No. 117210