

**EYELA**

High cooling capacity in compact body  
Ideal for a variety of cooling requirements

# Recirculating Chiller

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model **CA-1111**

# Recirculating Chiller

model **CCA-1110**

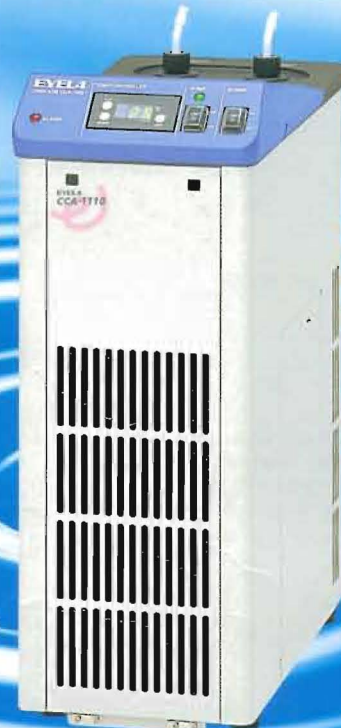
Used to cool the heated part of Evaporator

Analytical/control equipment  
Industrial machines  
Heat exchanger



**CA-1111**

Temperature control range :  $-20\sim 30^{\circ}\text{C}$   
Cooling capacity (liquid temp.  $10^{\circ}\text{C}$ ) : 1200W



**CCA-1110**

Temperature control range :  $-20\sim 20^{\circ}\text{C}$   
Cooling capacity (liquid temp.  $10^{\circ}\text{C}$ ) : 450W

**TOKYO RIKAKIKAI CO., LTD.**  
TOKYO, JAPAN

## Specifications

Model	CA-1111	CCA-1110
Circulation method	Closed loop	
Temperature control range	-20°C~30°C	-20°C~20°C
Temperature control accuracy	±2°C	
Refrigeration unit/Refrigerant	675W/R22	350W/R407C
Cooling capacity	1200W (1030kcal/h) at liquid temp. 10°C 950W (820kcal/h) at liquid temp. 0°C 650W (560kcal/h) at liquid temp. -10°C	450W (385kcal/h) at liquid temp. 10°C 350W (300kcal/h) at liquid temp. 0°C 260W (220kcal/h) at liquid temp. -10°C
External circulation	Max. flow rate 16/18L/min Max. head 9.5/13m (50/60Hz)	Max. flow rate 9/10L/min Max. head 4.2/5.6m (50/60Hz)
Overall dimension (mm)	340Wx384Dx851H	206Wx401Dx540H (tip of nozzle)
Net weight (kg)	approx. 41kg	approx. 25kg
Input/rated power source	1.1kVA AC220V 50/60Hz	800VA AC220V 50/60Hz

※ Temp. control accuracy and cooling capacity are AC100V, room temperature 20°C, 50Hz, and no load.

※ Cooling capacity is ±10% (CA-1111) / ±5% (CCA-1110) from the specification.

## Optional accessories

- Cooling hose set (ID 9mmx2m)  
Prevents the water drops when circulating the cooling water
- Sealing lid (for CA-1111)  
Used for circulating to the open tank
- High-pressure pump (for CA-1111, AC100V only)  
Recommended when the pressure loss is large.
- Base for high-pressure pump  
Required when setting the high-pressure pump
- Flow stop valve  
Circulation flow can be controlled.

# Cool Ace Series

using HFC for refrigerant



Product	Cooling Aspirator
Model	CA-1111A
Cooling capacity	1200W at liquid temp. 10°C
Temp. control range	-20°C~30°C
Refrigeration unit	Air cooled, Output 675W, Refrigerant: R22
Displacement of Aspirator	19L/min

Model	CA-1120	CA-1130	CA-2600	CA-2600S	CA-3110	CA-3110S	CA-4110	CA-4110S	CA-3310	CA-3310S	CA-4310	CA-4310S
Cooling capacity	960W at liquid temp. 20°C		3000W (2580kcal/h) at liquid temp. 20°C 2500W (2150kcal/h) at liquid temp. 10°C		4500W (3870kcal/h) at liquid temp. 20°C 3500W (3010kcal/h) at liquid temp. 10°C		6000W (5160kcal/h) at liquid temp. 20°C 4800W (4128kcal/h) at liquid temp. 10°C		5600W (4816kcal/h) at liquid temp. 20°C 4400W (3784kcal/h) at liquid temp. 10°C		7800W (6708kcal/h) at liquid temp. 20°C 6400W (5504kcal/h) at liquid temp. 10°C	
Temp. control range	-10°C~30°C (no heater)		-10°C~35°C (no heater)		5~25°C (no heater)		5~25°C (no heater)		5~25°C (no heater)		5~25°C (no heater)	
Refrigerator/output	Air cooled 675W		Air cooled 1.1kW		Air cooled 1.5kW		Air cooled 2.2kW		Water cooled 1.5kW		Water cooled 2.2kW	
Refrigerant	R407C		R407C		R407C		R407C		R407C		R407C	
Power source	1.3 kVA, AC100V		2 kVA, AC200V						AC200V, Three Phase			

**EYELA**



**Safety precaution**

For your safety, please read the instruction manual carefully before operating the product.

※ The appearance and the specification of the products are subject to change without notice for improvement.

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