

EYELA

Inverter Type Low Temperature Circulator Cool Ace CAE series

New

Inverter Chiller *CoolAce Eco*

CAE-1000•1300•2000 Series

Features

- CO₂ emission is reduced by 52%
- Energy cost can be saved by 48%
- Highly accurate temperature control of $\pm 0.1^{\circ}\text{C}$
- Applications laboratory use and also industrial use like machining unit, semi-conductor production, and analytical instruments.



CAE-1000S

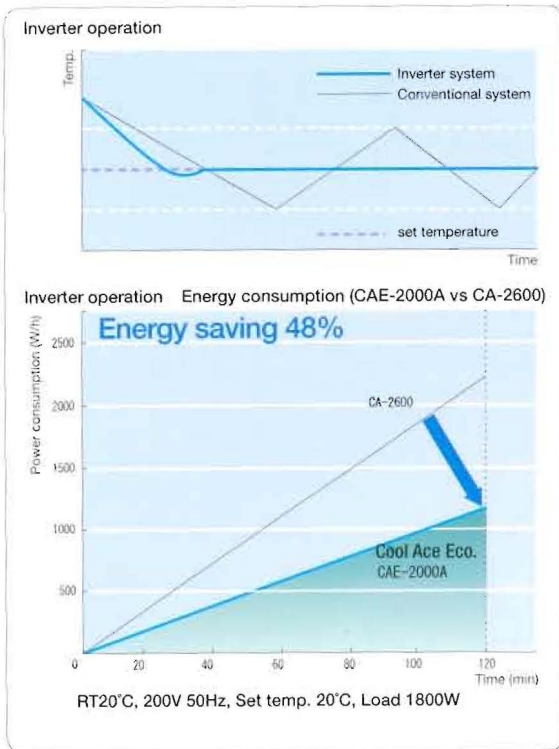


CAE-1300A



CAE-2000A

TOKYO RIKAKIKAI CO., LTD.



Running cost comparison compared to conventional system

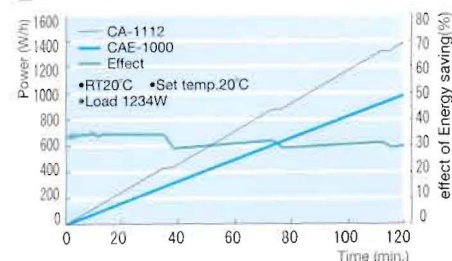
	CO ₂	Electricity	Effect
CA-1112	450 kg/Month.	¥29,183 /year	30%
CAE-1000	315	¥20,428	
Reduction/Saving	135	¥8,755	
CA-1310	405 kg/Month.	¥26,244 /year	40%
CAE-1300	246	¥15,960	
Reduction/Saving	159	¥10,284	
CA-2600	1553 kg/Month.	¥42,336 /year	48%
CAE-2000	745	¥22,014	
Reduction/Saving	808	¥20,322	

Optional Accessories

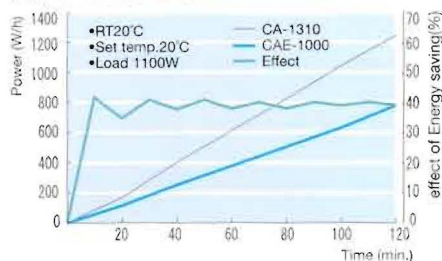
Product	Model	Product No.
Additional pump	HPP-1100 (AC100V)	158750
	HPP-2100 (AC200V)	158770
Base for additional pump	CA-10	180520
Flow meter	CA-F2 (CAE1000•1300)	210600
	CA-F (CAE2000)	161250
Pressure gauge	CA-P2 (CAE1000•1300)	210610
	CA-P (CAE2000)	161240
Sealed lid	for circulating to the open tank	112780
Back direction nozzle	For CAE1300	216570
One touch coupling	For CAE1000•1300	222090

Data (Power consumption)

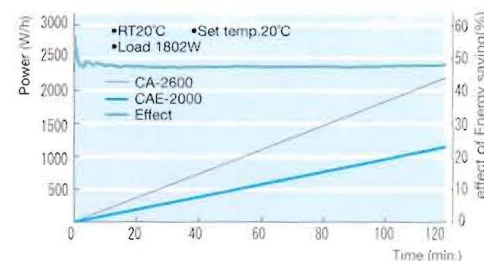
CAE-1000A vs CA-1112



CAE-1300A vs CA-1310



CAE-2000A vs CA-2600



Specifications

Product name	Inverter Type Low Temperature Circulator Cool Ace CAE series									
	CAE-1000A		CAE-1000S		CAE-1300A		CAE-1300S		CAE-2000A	CAE-2000S
Model name	226250		226258		226270		226278		226290	226300
Product No.	226250		226258		226270		226278		226290	226300
Voltage	100V	220V	100V	220V	100V	220V	100V	220V	220V	
Circulating method	Closed loop system									
Temperature range	-20~30°C				-20~20°C				10~30°C	
Temperature control accuracy	±0.1°C				±0.5°C				±0.1°C	
Cooling capacity	1450W (1240Kcal/h) at liquid temp. 10°C 880W (750Kcal/h) at liquid temp. 0°C 500W (430Kcal/h) at liquid temp. -10°C				3000W (2580Kcal/h) at liquid temp. 20°C 2500W (2150Kcal/h) at liquid temp. 10°C					
External circulation	Max. flow rate 16/18L/min, Max. head 9.5/13m (50/60Hz)								Max. flow rate 23.5/27L/min Max. head 9.5/13m (50/60Hz)	
Temp. setting & display	Touch pad input, digital display 0.1°C									
Safety features	Leak/over current trip, High pressure refrigerator switch, Refrigerator protection timer, Temperature control self diagnosis, Circulation pump thermal protector,									
Refrigeration unit/Refrigerant	Air-cooled, 500W/R407C								Air-cooled, 700W/R407C	
Cooling coil	Copper (nickel plated)									
Bath dimensions(mm) & capacity(L)	ø280 x 270H, 14L				254W x 270D x 194H, 10.5L				ø280 x 270H, 14L	
Overall dimensions (mm)	400W x 430D x 900H				586W x 470D x 570H				505W x 655D x 1100H	
Net weight	62kg				59kg				105kg	
Input power	1.5kVA								2.5/2.8kVA (50/60Hz)	

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<http://www.eyelaworld.com>

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