

Desktop Low Temperature Circulator CCA-1111



CCA-1111

Features

- Compact size circulator suitable for cooling the rotary evaporator and the laboratory size reactor.
- As the nozzle can be rotated freely 360°, the system assembly with related products is easy.
- The capacity of CCA-1111 is powerful enough to operate both one aspirator and one rotary evaporator (N-1001, sample flask 500mL).

Specifications

Product Name	Desktop Low Temp. Circulator (Cool Ace)	
Model	CCA-1111	
Cat.No	219959	219950
Circulation method	Closed loop	
Temperature range	-20-20°C	
Temperature accuracy	±2°C	
Cooling Capacity	450W (387kcal/hr) (at liquid temp. 10°C) 310W (266kcal/hr) (at liquid temp. -10°C)	
Cooling coil materials	Copper with nickel coating	
Temp. setting & display	Sheet key input, digital display, minimum display scale 0.1°C	
External input & output signal	Temp. recorder output, Alarm output	
External circulation nozzle	Inlet and outlet connection, OD 11mm	
Bath inner material & volume	SUS304, 156W*225D*1150H, 4L, working volume 3L	
Ambient temperature	5-35°C	
Overall dimensions (mm)	232W*479D*490 (548)H	
Net weight	29Kg	
Power source	AC220V, 50/60Hz, 800VA	AC100V, 50/60Hz, 800VA

Refrigerating unit	Air cooling
Operation temp. range	-20°C-20°C (without heater)
Cooling capacity	450W (387kcal) at liquid temp. 10°C
Pump max. flow	9/10L/min (50/60Hz)
Pump head pressure	4.2/5.6m (50/60Hz)

Compact size design



Cold water circulating system



Optional accessories:



Valve for flow control
Catalog No.182460



R3/8"1*female
catalog No.216450



One touch coupling
catalog No.216450

Easy to change filter



Freely adjustable nozzle direction



Product name	Type	Cat.No
Desktop type Low temp circulat	CCA-1111	219959
Rotary evaporator	N-1001V-W	188750
Vacuum control unit	NVC-2100	216639
Solenoid valve for vacuum cont	CV-1	196910
Fixed plate of vacuum controlle	N-NVC3	189310
Diaphragm vacuum pump	D1VAC-1.2L	170660
Cold insulation hose set	I. D 9mm 2m x 2	112700
Vacuum hose	I. D 6 x O.D 15mm 5m	119170